



# The 3<sup>rd</sup> Public and Private Joint Forum in Asian region

- The 17<sup>th</sup> JASIC ASIA GOVERNMENT/ INDUSTRY MEETING -

Dec. 4 - 6, 2012  
Crowne Plaza  
Manila, Philippines

Organized by  
Department of Transportation and Communications  
(DOTC),  
Land Transportation Office (LTO), Republic of  
Philippines

and  
Ministry of Land, Infrastructure, Transport and  
Tourism (MLIT), Japan

Operated by  
Japan Automobile Standards Internationalization  
Center (JASIC)



# Meeting Schedule & Participants List



---

# **The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region**

**- The 17<sup>th</sup> JASIC ASIA GOVERNMENT/ INDUSTRY MEETING -**

**Date: Dec. 4 - 6, 2012**

Place: Crowne Plaza Manila Galleria

Address: Ortigas Avenue corner Asian Development Bank Avenue,

Quezon City, Philippines, 1100

Phone: (632) 633-7222

Fax: (632) 633-2821

Web site: [www.crowneplaza.com](http://www.crowneplaza.com)

Organized by

**Department of Transportation and Communications (DOTC),**

**Land Transportation Office (LTO), Republic of Philippines**

and

**Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan**

Operated by

**Japan Automobile Standards Internationalization Center (JASIC)**

---



## **The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region**

- Promoting the International Whole Vehicle Type Approval (IWVTA) concept under the UN Regulation framework for realizing harmonization of regulations and establishing Mutual Recognition of Approvals (MRA) in the Asian region -

Date: Dec. 4 (Tue.) 2012, 9:00-17:20

Place: BALL ROOM - A, 4F Crowne Plaza

Co-chaired by: Ms. Virginia P. Torres Assistant Secretary, Land Transportation Office, Philippines  
Mr. Takeshi Ishikawa Chairman, International Cooperation Committee, JASIC

**08:30 - 09:00 Registration of the Participants**

**09:00 - 09:08 Welcome Speech**

**General Edward Ovan** Undersecretary for Road, DOTC, Philippines

**09:08 - 09:15 Welcome Address from Industry**

Mr. Vicente T. Mills, JR, President, Philippine Automotive Federation Incorporated (PAFI)

**09:15 - 09:23 Opening Remark 1**

Mr. Takao Onoda Director, International Affairs Office, Engineering Policy Division,  
Road Transport Bureau, MLIT, Japan

**09:23 - 09:30 Opening Remark 2**

Mr. Yoshihiro Nanto Director General, JASIC

**09:30 - 09:37 Opening Remark 3**

Mr. Takashi Hirai Director, Preparatory Office for Establishment of Jakarta Office, JASIC

**09:37 - 09:50 Photography**

**09:50 - 10:10 Coffee Break**

**10:10 - 10:30 Keynote Speech-1**

Mr. Takao Onoda Director, MLIT, Japan

**10:30 - 10:45 Keynote Speech-2**

Honorable Joseph Emilio Abaya Secretary, DOTC, Philippines

**10:45 - 11:00 Keynote Speech-3**

Ir. Mohamad Bin Dalib Chairman of ACCSQ-APWG Task Force

**11:00 - 11:30 Report-1: Report from Industries**

**The report of the RACE meeting;** Mr. Paul Agustin member of CAMPI

**The report of the Parts industry Activity;** Mr. Kiminori Hyodo member of JAPIA

**11:30 - 13:00 Lunch** Place: 'Fab Restaurant' at the 4<sup>th</sup> level of Holiday Inn

**13:00 - 13:30 Debriefing session and discussion for WP29**

Mr. Ushio Ueno Executive Director, JASIC

**13:30 - 14:30 Discussion for the future Forum based on 6<sup>th</sup> series**

Coordinator: Mr. Takaki Kasai Co-Chairman, International Cooperation Committee, JASIC

**14:30 - 14:50 Coffee Break**

**14:50 - 15:20 Debriefing session and discussion for the 1958 Agreement and IWVTA**

Mr. Johan Renders European Union

Mr. Takao Onoda Director, MLIT, Japan

**15:20 - 16:50 Panel Discussion I :**

**Requests to the 1958 Agreement and IWVTA from Asian economies and its reflection result, and the future request including the UN Regulation and GTR**

Coordinator: Mr. Michio Miyamoto Chairman of WP29/IWVTA Committee, JASIC

Panelists: Japan, Malaysia, Thailand, India, Indonesia, Philippines

**18:30**

**Departure time of the bus from Crowne Plaza  
Welcome Reception to be hosted by DOTC, LTO**

Place: Spiral, Hotel Sofitel Philippine Plaza Manila, Roxas Blvd., Pasay City



---

## ***The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region***

**- Promoting the International Whole Vehicle Type Approval (IWVTA) concept under the UN Regulation framework for realizing harmonization of regulations and establishing Mutual Recognition of Approvals (MRA) in the Asian region -**

Date: Dec. 5 (Wed.) 2012, 9:00-16:30

Place: BALL ROOM - A, 4F Crowne Plaza

---

Co-chaired by: Mr. Takao Onoda

Director, International Affairs Office, Engineering Policy Division,  
Road Transport Bureau, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan  
Atty. Jaime Rafael Feliciano  
Assistant Secretary for Planning and ICS  
Department of Transportation and Communications (DOTC), Philippines

**09:00 - 10:15**

**Country Report:**

**Short presentation and speech on the development of the vehicle type approval systems in each ASEAN country, Chinese Taipei, Hong Kong, and Korea**

**10:15 - 10:30**

**Coffee Break**

**10:30 - 12:00**

**Panel Discussion II :**

**ASEAN 19 items and the examination of the optimally unified vehicle type approval system in ASEAN region**

Coordinator: Mr. Shigeo Yoshizawa Chairman of ASEAN Subcommittee, JASIC

Panelists: Japan, Malaysia, Thailand, Indonesia, Vietnam, Philippines

**12:00 - 13:30**

**Lunch**

Place: 'Fab Restaurant' at the 4<sup>th</sup> level of Holiday Inn

**13:30 - 13:50**

**Report-2: JICA Philippine Project**

Mr. Arnel R. Manresa Chief of Road Transport Planning Division, DOTC

**13:50 - 14:10**

**Report-3: India Forum in 2012, and their Country Report:**

- India forum and Country Report: India

**14:10 - 14:30**

**Report-4: Expert Meetings in 2012 and plan for 2013**

Mr. Hiroshi Morita Director, JASIC

**14:30 - 15:00**

**Coffee Break**

**15:00 - 16:00**

**Drafting Wrap Up**

**16:00 - 16:20**

**Adoption of Wrap Up**

**16:20 - 16:30**

**Closing Address**

Atty. Esteban M. Baltazar Director, LTO-Central Office Traffic Adjudication Service

---

**17:30 - 19:30**

**Farewell Reception hosted by JAPAN**

Place: RUBY-OPAL BALLROOM



---

***The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region***  
**- Technical Tour -**

Date: December 6 (Thu) 2012  
Place: TOYOTA MOTOR PHILIPPINES CORPORATION  
Toyota Special Economic Zone  
Santa Rosa-Tagaytay Highway, Santa Rosa City, Laguna  
Tel.: Manila Trunk Line (+2) 825-8888  
Laguna Trunk Line (+49) 541-3020  
Fax: (+2) 6800-5086  
Web URL: [www.toyota.com.ph](http://www.toyota.com.ph)

---

**Schedule:**

**6:30 - 7:00**      **Assembly at Lobby of Crowne Plaza Galleria Hotel**  
**7:00 - 7:15**      **Depart for Toyota Motor Phil. Corp., Sta. Rosa Laguna**  
**(Depend on traffic)**

**In the facility**

| <b>From</b>  | <b>To</b>    | <b>Activity</b>                    |
|--------------|--------------|------------------------------------|
| <b>8:15</b>  | <b>9:00</b>  | <b>Ingress Registration</b>        |
| <b>9:00</b>  | <b>9:30</b>  | <b>Corporate Orientation</b>       |
| <b>9:30</b>  | <b>10:30</b> | <b>Plant Tour</b>                  |
| <b>10:30</b> | <b>10:35</b> | <b>Return to Assigned Room</b>     |
| <b>10:35</b> | <b>11:00</b> | <b>Question and Answer Portion</b> |
| <b>11:45</b> | <b>11:55</b> | <b>Photo Opportunity</b>           |
| <b>11:55</b> | <b>12:00</b> | <b>Departure</b>                   |

**12:00 - 12:45**      **Travel time to Taal Vista Hotel**  
**12:45 - 14:00**      **Lunch at Taal Vista Hotel**  
**14:00 - 16:00**      **Travel time back to Crowne Plaza Galleria Hotel**

---

---

**Japan Automobile Standards Internationalization Center**

3F, Shoei-Rokubancho Bldg., 6, Rokubancho,  
Chiyoda-ku, Tokyo 102-0085, JAPAN  
Tel:+81-3-5216-7241, Fax:+81-3-5216-7244

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy                              | Name<br>(First Name to Last<br>Name)       | Organization/<br>Company   | Title/Position  | E-mail Address   | Phone                           | SIGNATURE                   |
|-----|--|--|--|---|--|---------------------------------|-----------------------------|
| 1   | THE<br>REPUBLIC<br>OF CHINA<br>(R.O.C)<br>Taiwan | Mr. Hung <del>Chi</del> Nien<br><i>chi</i> | Vehicle Safety<br>Certification Center<br>(VSCC)                   | Engineer & Domestic<br>Vehicle Certification<br>Dept. Certification<br>Specialist | <a href="mailto:nhc@vscc.org.tw">nhc@vscc.org.tw</a>                                 | +886-4-<br>7812180 Ext.<br>2120 | <i>Hung-chi Nien</i>        |
| 2   |  | Mr. Simon Hsu                              | Vehicle Safety<br>Certification Center                             | Director  | <a href="mailto:simon@vscc.org.tw">simon@vscc.org.tw</a>                             | +886-4-<br>7812180              | <i>Simon Hsu</i>            |
| 3   |  | Mr. Yu-Jen Hung                            | TTVMA/Kuozui<br>Motors. Ltd.                                       | Group Manager   | <a href="mailto:11421hung@mail.kuozui.com.tw">11421hung@mail.kuozui.com.tw</a>       | +886-3-<br>4611222<br>#451      | <i>Yu-Jen Hung</i>          |
| 4   |  | Mr. Sheng-Lung Hsu                         | TTVMA (Taiwan<br>Transp. Vehicle.<br>Manufacturers<br>Association) | Executive Senior<br>Specialist  | <a href="mailto:erichsu@ttvma.org.tw">erichsu@ttvma.org.tw</a>                       | 886-2-<br>2705110<br>#123       | <i>Sheng-Lung Hsu</i>       |
| 5   |  | Mr. Hsin-Pin Yu                            | Yulon Nissan Motor<br>Co., Ltd.                                    | Engineer/ Regulation<br>& Certification Group                                     | <a href="mailto:Hsin-pin.yu@yulon-nissan.com.tw">Hsin-pin.yu@yulon-nissan.com.tw</a> | 886-37-<br>875881<br>#1896      | <i>Hsin-Pin Yu</i>          |
| 6   |  | Mr. Chung-Guan<br>Cheng                    | China Motor Corp.  | Specialist, Product<br>Engineering Division                                       | <a href="mailto:ccg@china-motor.com">ccg@china-motor.com</a>                         | 886-3-47831<br>ext. 2685        | <i>Chung-Guan<br/>Cheng</i> |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy                              | Name<br>(First Name to Last<br>Name) | Organization/<br>Company   | Title/Position  | E-mail Address   | Phone                           | SIGNATURE            |
|-----|--|--------------------------------------|--|---|--|---------------------------------|----------------------|
| 1   | THE<br>REPUBLIC<br>OF CHINA<br>(R.O.C)<br>Taiwan | Mr. Hung Chō Nien                    | Vehicle Safety<br>Certification Center<br>(VSCC)                   | Engineer & Domestic<br>Vehicle Certification<br>Dept. Certification<br>Specialist | <a href="mailto:nhc@vscc.org.tw">nhc@vscc.org.tw</a>                                 | +886-4-<br>7812180 Ext.<br>2120 | <i>Nien Hung-Chi</i> |
| 2   |  | Mr. Simon Hsu                        | Vehicle Safety<br>Certification Center                             | Director  | <a href="mailto:simon@vscc.org.tw">simon@vscc.org.tw</a>                             | +886-4-<br>7812180              |                      |
| 3   |  | Mr. Yu-Jen Hung                      | TTVMA/Kuozui<br>Motors. Ltd.                                       | Group Manager   | <a href="mailto:11421hung@mail.kuozui.com.tw">11421hung@mail.kuozui.com.tw</a>       | +886-3-<br>4611222<br>#451      |                      |
| 4   |  | Mr. Sheng-Lung Hsu                   | TTVMA (Taiwan<br>Transp. Vehicle.<br>Manufacturers<br>Association) | Executive Senior<br>Specialist  | <a href="mailto:erichsu@ttvma.org.tw">erichsu@ttvma.org.tw</a>                       | 886-2-<br>2705110<br>#123       |                      |
| 5   |  | Mr. Hsin-Pin Yu                      | Yulon Nissan Motor<br>Co., Ltd.                                    | Engineer/ Regulation<br>& Certification Group                                     | <a href="mailto:Hsin-pin.yu@yulon-nissan.com.tw">Hsin-pin.yu@yulon-nissan.com.tw</a> | 886-37-<br>875881<br>#1896      | <i>Hsin-Pin Yu</i>   |
| 6   |  | Mr. Chung-Guan<br>Cheng              | China Motor Corp.  | Specialist, Product<br>Engineering Division                                       | <a href="mailto:ccg@china-motor.com">ccg@china-motor.com</a>                         | 886-3-47831<br>ext. 2685        |                      |




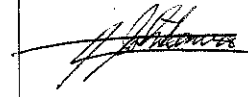

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                                       | Title/Position                                     | E-mail Address   | Phone           | SIGNATURE  |
|-----|---------------------|--------------------------------------|--|--|--|-----------------|--|
| 1   | JAPAN               | Mr. Michio Miyamoto ✓                | Japan Automobile Standards Internationalization Center (JASIC) | Chairman of WP 29/IWVTA Committee                  | <a href="mailto:michio@miyamoto.tec.toyota">michio@miyamoto.tec.toyota</a>               | +81-3-5216-7241 |   |
| 2   |                     | Mr. Takeshi Ishikawa ✓               | JASIC/Honda Motor Co. Ltd.                                     | Chairman of Int'l Cooperation Committee            | <a href="mailto:takeshi_ishikawa@hm.honda.co.jp">takeshi_ishikawa@hm.honda.co.jp</a>     | +81 28 687-2150 |   |
| 3   |                     | Mr. Takaki Kasai ✓                   | JASIC  | Co-Chairman of International Cooperation Committee | <a href="mailto:tac001@cava.tec.toyota.co.jp">tac001@cava.tec.toyota.co.jp</a>           | +81-3-5216-7241 |  |
| 4   |                     | Mr. Shigeo Yoshizawa ✓               | JASIC  | Chairman of ASEAN Subcommittee                     | <a href="mailto:shigeo_a_yoshizawa@hm.honda.co.jp">shigeo_a_yoshizawa@hm.honda.co.jp</a> | +81-3-5216-7241 | 吉澤 重雄  |
| 5   |                     | Mr. Yoshiak Nanbu ✓                  | JASIC  | Chief  | <a href="mailto:nanbu@jasic.org">nanbu@jasic.org</a>                                     | +81-3-5216-7241 | 南部 義昭  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company   | Title/Position   | E-mail Address   | Phone           | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|--|--|-----------------|---|
| 6   | JAPAN               | Mr. Yoshihiro Nanto                  | JASIC  | Director General   | <a href="mailto:nanto@jasic.org">nanto@jasic.org</a>             | +81-3-5216-7241 |    |
| 7   |                     | Mr. Ushio Ueno                       | JASIC  | Executive Director   | <a href="mailto:ueno@jasic.org">ueno@jasic.org</a>               | +81-3-5216-7241 |    |
| 8   |                     | Mr. Takashi Hirai                    | JASIC  | Head of Jakarta Office   | <a href="mailto:hirai@jasic.org">hirai@jasic.org</a>             | +81-3-5216-7241 |    |
| 9   |                     | Mr. Hiroshi Morita                   | JASIC  | Director   | <a href="mailto:morita@jasic.org">morita@jasic.org</a>           | +81-3-5216-7241 |   |
| 10  |                     | Mr. Takao Onoda                      | Ministry of Land ,<br>Infrastructure,<br>Transport and<br>Tourism (MILT) | Director of<br>International Affairs<br>Office, Engineering<br>Policy Division, Road<br>Transport Bureau | <a href="mailto:onoda-t2r3@mlit.go.jp">onoda-t2r3@mlit.go.jp</a> | +81-2-5253-8592 |  |

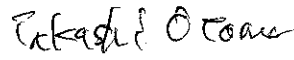



# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

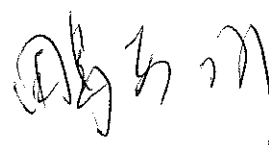
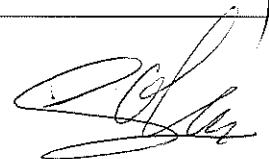


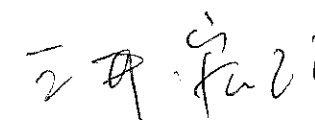
04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position  | E-mail Address  | Phone                          | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|---|---|--------------------------------|---|
| 11  | JAPAN               | Mr. Takashi Ootomo                   | Ministry of Land,<br>infrastructure,<br>Transport and<br>Tourism (MILT) | Chief of International<br>Affairs Office,<br>Engineering Policy<br>Division, Road<br>Transport Bureau | <a href="mailto:ootomo-t23k@mlit.go.jp">ootomo-t23k@mlit.go.jp</a>                  | +81-3-5253-<br>8592            |    |
| 12  |                     | Mr. Kiminori Hyodo                   | JAPIA (Japan<br>Autoparts Industries<br>Association)                    | Chairman of<br>Regulation and<br>Certification System<br>Committee                                    | <a href="mailto:Kimi-hyodo@koitto.co.jp">Kimi-hyodo@koitto.co.jp</a>                | +81 3 3445<br>2366             |    |
| 13  |                     | Mr. Masayuki<br>HARIGAI              | Ministry of Foreign<br>Affairs (MOFA),<br>Japan                         | Transport Attache,<br>Economic Section,<br>Embassy of Japan in<br>the Philippines                     | <a href="mailto:masayuki.harigai@mofa.go.jp">masayuki.harigai@mofa.go.jp</a>        | (632)551-<br>5710 ext.<br>2104 |  |
| 14  |                     | Mr. Kenichiro,<br>KOREEDA            | Ministry of<br>Foreign<br>Affairs<br>(MOFA), Japan                      | Trade and<br>Commercial Attache,<br>Economic Section,<br>Embassy of Japan in<br>the Philippines       | <a href="mailto:kenichiro.koreeda@mofa.go.jp">kenichiro.koreeda@mofa<br/>.go.jp</a> | (632)551-<br>5710 ext.<br>2104 |   |
| 15  |                     | Mr. Ryuichi<br>KUWAJIMA              | JICA Expert for DOTC  | JICA  | <a href="mailto:rkuwajimay@ybb.ne.jp">rkuwajimay@ybb.ne.jp</a>                      | +632-724-<br>7886              |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE DAY 1 04 December 2012 Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position  | E-mail Address   | Phone               | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|---|--|---------------------|---|
| 16  |                     | Mr. Azumi Tajima                     | Vice-Chairman of<br>Asian Type Approval<br>& Regulation<br>Experts Group,<br>JAMA | Japan Automobile<br>Standards<br>Internationalization<br>Center (JASIC) | <a href="mailto:a-tajima@mail.nissan.co.jp">a-tajima@mail.nissan.co.jp</a> | +81-3-5216-<br>7241 |    |
| 17  |                     | Mr. Shinichiro Oka                   | General Director,<br>JAMA Singapore   | Japan Automobile<br>Standards<br>Internationalization<br>Center (JASIC) | <a href="mailto:oka@jama.com.sg">oka@jama.com.sg</a>                       | +81-3-5216-<br>7241 |    |
| 18  |                     | Mr. Toh Heng Guan                    | Director - Technical<br>Affairs, JAMA<br>Singapore                                | Japan Automobile<br>Standards<br>Internationalization<br>Center (JASIC) | <a href="mailto:guan@jama.com.sg">guan@jama.com.sg</a>                     | +81-3-5216-<br>7241 |   |
| 19  |                     | Mr. Ikuro Kudo                       | Group Chief, JAMA   | Japan Automobile<br>Standards<br>Internationalization<br>Center (JASIC) | <a href="mailto:kudo-i@mta.jama.or.jp">kudo-i@mta.jama.or.jp</a>           | +81-3-5216-<br>7241 |  |
| 20  |                     | Mr. Hironori Mitsui                  | Deputy Director<br>General, Technical<br>Department, JAMA                         | Japan Automobile<br>Standards<br>Internationalization<br>Center (JASIC) | <a href="mailto:mitsui@mta.jama.or.jp">mitsui@mta.jama.or.jp</a>           | +81-3-5216-<br>7241 |  |




17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

**04 December 2012**

**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                       | Title/Position                               | E-mail Address   | Phone           | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|--|--|-----------------|---|
| 21  | JAPAN               | Mr. Kenji Maruyama ✓                 | JASIC/Ford Motor Corp.                         | Advance Veh. Regulation Manager, APA SE & SE | <a href="mailto:kmaruyama@ford.com">kmaruyama@ford.com</a>   | 81-82-287-497   |  |
| 22  |                     | Mr. Kasuzhi Arima ✓                  | Vehicle Certification Agency                   | Type Approval Engr.                          | <a href="mailto:kasuzhi@vca-asia.jp">kasuzhi@vca-asia.jp</a> | +81-52-683-8831 |  |
| 23  |                     | Mr. Akira Togashi ✓                  | JAPIA (Japan Autoparts Industries Association) | Sr. Manager Technical Dept.                  | <a href="mailto:tohashi@japia.or.jp">tohashi@japia.or.jp</a> | +81 3 3445 4215 |  |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel


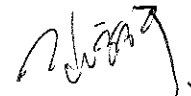

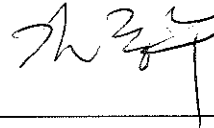


| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position  | E-mail Address   | Phone                          | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|---|--|--------------------------------|---|
| 11  | JAPAN               | Mr. Takashi Ootomo                   | Ministry of Land,<br>infrastructure,<br>Transport and<br>Tourism (MILT) | Chief of International<br>Affairs Office,<br>Engineering Policy<br>Division, Road<br>Transport Bureau | <a href="mailto:ootomo-t23k@mlit.go.jp">ootomo-t23k@mlit.go.jp</a>             | +81-3-5253-<br>8592            |   |
| 12  |                     | Mr. Kiminori Hyodo                   | JAPIA (Japan<br>Autoparts Industries<br>Association)                    | Chairman of<br>Regulation and<br>Certification System<br>Committee                                    | <a href="mailto:Kimi-hyodo@koitto.co.jp">Kimi-hyodo@koitto.co.jp</a>           | +81 3 3445<br>2366             |   |
| 13  |                     | Mr. Masayuki<br>HARIGAI              | Ministry of Foreign<br>Affairs (MOFA),<br>Japan                         | Transport Attache,<br>Economic Section,<br>Embassy of Japan in<br>the Philippines                     | <a href="mailto:masayuki.harigai@mofa.go.jp">masayuki.harigai@mofa.go.jp</a>   | (632)551-<br>5710 ext.<br>2104 |   |
| 14  |                     | Mr. Kenichiro,<br>KOREEDA            | Ministry of<br>Foreign<br>Affairs<br>(MOFA), Japan                      | Trade and<br>Commercial Attache,<br>Economic Section,<br>Embassy of Japan in<br>the Philippines       | <a href="mailto:kenichiro.koreeda@mofa.go.jp">kenichiro.koreeda@mofa.go.jp</a> | (632)551-<br>5710 ext.<br>2104 |   |
| 15  |                     | Mr. Ryuichi<br>KUWAJIMA              | JICA Expert for DOTC  | JICA  | <a href="mailto:rkuwajimay@ybb.ne.jp">rkuwajimay@ybb.ne.jp</a>                 | +632-724-<br>7886              |  |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE  
DAY 1**

**04 December 2012**

**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy   | Name<br>(First Name to Last<br>Name)             | Organization/<br>Company  | Title/Position  | E-mail Address        | Phone               | SIGNATURE   |
|-----|---|--|---|---|-----------------------|---------------------|---|
| 1   | REPUBLIC of<br>KOREA<br> | Mr. HYOUNG GU, KIM                               | KOREA AUTOMOBILE<br>TESTING & RESEARCH<br>INSTITUTE   | SENIOR RESEARCHER   | hyounggu 72@naver.com | +82-31-369-<br>0226 |    |
| 2   |   | Mr. JIN CHUNG, JU                                | MOTOR VEHICLES<br>MANAGEMENT<br>DIVISION,<br>MINISTRY of LAND,<br>TRANSPORT &<br>MARITIME AFFAIRS | ASSISTANT DEPUTY<br>DIRECTOR  | godfai@naver.com      | +82-2-2110-<br>8703 |   |
| 3   |                        | Mr. ONG SOO, KIM<br><sup>J</sup><br><sub>^</sub> | KOREA AUTOMOBILE<br>TESTING & RESEARCH<br>INSTITUTE   | Head of Vehicle<br>Regulation &<br>International<br>Harmonization<br>Office | jskim-katri@ts2020.kr | +82-31-369-<br>0220 |  |
| 4   |                        | Mr. YOUNG SAM, SON                               | MOTOR VEHICLES<br>MANAGEMENT<br>DIVISION,<br>MINISTRY of LAND,<br>TRANSPORT &<br>MARITIME AFFAIRS | DEPUTY DIRECTOR   | Sonys3559@korea.kr    | +82-2-2110-<br>8694 |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company               | Title/Position  | E-mail Address   | Phone                          | SIGNATURE  |
|-----|---------------------|--------------------------------------|--|---|--|--------------------------------|--|
| 1   | INDONESIA           | Mr. Dea Fabriani<br>Susanto          | Gaikindo/Pt. Astra<br>Daihatsu Motor   | Supervisor  | <a href="mailto:dea.fabriani@daihatsu.astra.co.id">dea.fabriani@daihatsu.astra.co.id</a>   | +6221-<br>6510400<br>Ext.5332  |  |
| 2   |                     | Mr. Abdur Rahim                      | Gaikindo/Pt. Ford<br>Motor Indonesia   | Manager<br>Government Affair                              | <a href="mailto:arahim2@ford.com">arahim2@ford.com</a>   | +6221-<br>27588323             |  |
| 3   |                     | Mr. Sutan Sinar<br>Situmorang        | Ministry of Industry                   | Head of Section for<br>Component Industry<br>in Standards | <a href="mailto:sutanss@yahoo.com">sutanss@yahoo.com</a>   | 62215251901                    |   |
| 4   |                     | Mr. Yan Sibarang<br>Tandiele         | Ministry of Industry                   | Deputy Director for<br>Component Industry                 | <a href="mailto:Yantandiele2003@yahoo.com">Yantandiele2003@yahoo.com</a>   | 62215251901                    |   |
| 5   |                     | Mr. Emjunan Sihite                   | Gaikindo/Pt. TMMIN                     | Head of Government<br>& Regulatory Affair<br>Section      | <a href="mailto:emsih@toyota.co.id">emsih@toyota.co.id</a><br><a href="mailto:sihiteemjunan@yahoo.com">sihiteemjunan@yahoo.com</a>                         | +6221-<br>6515551 Ext.<br>2606 |  |
| 6   |                     | Mr. Mahardian<br>Ismadi Brata        | Gaikindo/Pt. Suzuki<br>Indomobil Motor | Senior<br>Foreman/Homologati<br>on Group Leader           | <a href="mailto:mahardian.brata@suzuki.co.id">mahardian.brata@suzuki.co.id</a><br><a href="mailto:brata.mahardian@gmail.com">brata.mahardian@gmail.com</a> | +6221-<br>8801235 Ext.<br>598  |  |
| 7   |                     | Mr. Tri Wahono                       | Gaikindo/Pt. Nissan<br>Motor Indonesia | Assistant Manager,<br>Gov. Relation Dev.                  | <a href="mailto:tri.wb@nissan.co.id">tri.wb@nissan.co.id</a>   | +6221-<br>8582323              |  |



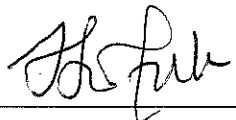

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1



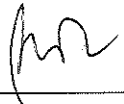


04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position   | E-mail Address   | Phone                          | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|--|--|--------------------------------|---|
| 8   | INDONESIA           | Mr. Arif Setiawan                    | Gaikindo/Pt. KTB  | Head of Regulation<br>Section                          | <a href="mailto:arief-s@ktb.co.id">arief-s@ktb.co.id</a>   | +6221-<br>4891608<br>Ext.1862  |   |
| 9   |                     | Mr. Eddy<br>Surowasono               | Gaikindo/Pt. Toyota<br>Astra Motor  | Head of Regulation<br>and Certificate<br>Section       | <a href="mailto:eddy.surowasono@toyota.astra.co.id">eddy.surowasono@toyota.astra.co.id</a>   | +6221-<br>6515551              |   |
| 10  |                     | Mr.Hidayatul Ichsan<br>Suwarno       | Gaikindo  | Section Head   |  |                                |    |
| 11  |                     | Mr. Muawiyah Ismail                  | Gaikindo/Pt. TMMIN  | Head of Government<br>and Regulatory Affair<br>Section | <a href="mailto:ichsan@gaikindo.or.id">ichsan@gaikindo.or.id</a><br><a href="mailto:hidayatulichsan2@gmail.com">hidayatulichsan2@gmail.com</a> | +6221-<br>3157178              |   |
| 12  |                     | Mr. Toto<br>NurwitJaksono            | Directorate Gen. of<br>Land<br>Transportation, Min.<br>of Transportation,<br>Republic of<br>Indonesia | Deputy director of<br>Roadworthiness                   | <a href="mailto:oshi@toyota.co.id">oshi@toyota.co.id</a><br><br><i>totonocer@hotmail.com</i>   | +6221-<br>6515551 Ext.<br>2606 |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE DAY 1 04 December 2012 Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company   | Title/Position   | E-mail Address  | Phone              | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|--|---|--------------------|---|
| 13  | INDONESIA           | Ms. Farida<br>Makhmudah              | Directorate Gen. of<br>Land<br>Transportation, Min.<br>of Transportation,<br>Republic of<br>Indonesia    | Chief of Legal Aids<br>and Documentation               | <u>totoer@hotmail.com</u>                                 | +62-21-<br>3506127 |    |
| 14  |                     | Mr. Dewanto<br>Purnacandra           | Directorate General<br>of Land<br>Transportation,<br>Ministry of<br>Transportation, Rep.<br>of Indonesia | Head of Vehicle<br>Testing and<br>Certification Center | <u>farizka@yahoo.com</u><br><i>dewantop2005@yahoo.com</i> | +62-21-<br>3506141 |    |
| 15  |                     | Mr. Robiana<br>Samsuudin             | PT Astra Honda Motor   | General Manager  | <u>robiana@astra-honda.com</u>                            | +62216518080       |  |
| 16  |                     | Mr. Heru Sutanto                     | Association of<br>Indonesia Motorcycle<br>Industry (AISI)  | Head of Harmonization<br>Sub-Committee                 | <u>Heru.sutantto@astra-honda.com</u>                      | +62216518080       |  |
| 17  |                     | Mr. Hari Sasono                      | AISI   | Secretary General                                      | <u>secgen@aaisi.or.id</u><br><u>hasono@gmail.com</u>      | +62218566181       |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 2

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company               | Title/Position  | E-mail Address   | Phone                          | SIGNATURE  |
|-----|---------------------|--------------------------------------|--|---|--|--------------------------------|--|
| 1   | INDONESIA           | Mr. Dea Fabriani<br>Susanto          | Gaikindo/Pt. Astra<br>Daihatsu Motor   | Supervisor  | <a href="mailto:dea.fabriani@daihatsu.astra.co.id">dea.fabriani@daihatsu.astra.co.id</a>   | +6221-<br>6510400<br>Ext.5332  |  |
| 2   |                     | Mr. Abdur Rahim                      | Gaikindo/Pt. Ford<br>Motor Indonesia   | Manager<br>Government Affair                              | <a href="mailto:arahim2@ford.com">arahim2@ford.com</a>   | +6221-<br>27588323             |  |
| 3   |                     | Mr. Sutan Sinar<br>Situmorang        | Ministry of Industry                   | Head of Section for<br>Component Industry<br>in Standards | <a href="mailto:sutanss@yahoo.com">sutanss@yahoo.com</a>   | 62215251901                    |   |
| 4   |                     | Mr. Yan Sibarang<br>Tandiele         | Ministry of Industry                   | Deputy Director for<br>Component Industry                 | <a href="mailto:Yantandiele2003@yahoo.com">Yantandiele2003@yahoo.com</a>   | 62215251901                    |  |
| 5   |                     | Mr. Emjunan Sihite                   | Gaikindo/Pt. TMMIN                     | Head of Government<br>& Regulatory Affair<br>Section      | <a href="mailto:emsih@toyota.co.id">emsih@toyota.co.id</a><br><a href="mailto:sihiteemjunan@yahoo.com">sihiteemjunan@yahoo.com</a>                         | +6221-<br>6515551 Ext.<br>2606 |  |
| 6   |                     | Mr. Mahardian<br>Ismadi Brata        | Gaikindo/Pt. Suzuki<br>Indomobil Motor | Senior<br>Foreman/Homologati<br>on Group Leader           | <a href="mailto:mahardian.brata@suzuki.co.id">mahardian.brata@suzuki.co.id</a><br><a href="mailto:brata.mahardian@gmail.com">brata.mahardian@gmail.com</a> | +6221-<br>8801235 Ext.<br>598  |  |
| 7   |                     | Mr. Tri Wahono                       | Gaikindo/Pt. Nissan<br>Motor Indonesia | Assistant Manager,<br>Gov. Relation Dev.                  | <a href="mailto:tri.wb@nissan.co.id">tri.wb@nissan.co.id</a>   | +6221-<br>8582323              |  |



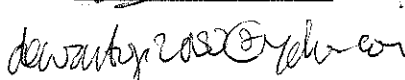

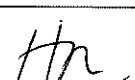
17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**  
**DAY 2**  
**05 December 2012**  
**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position   | E-mail Address   | Phone                          | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|--|--|--------------------------------|---|
| 8   | INDONESIA           | Mr. Arif Setiawan                    | Gaikindo/Pt. KTB  | Head of Regulation<br>Section                          | <a href="mailto:arief-s@ktb.co.id">arief-s@ktb.co.id</a>   | +6221-<br>4891608<br>Ext.1862  |   |
| 9   |                     | Mr. Eddy<br>Surowasono               | Gaikindo/Pt. Toyota<br>Astra Motor  | Head of Regulation<br>and Certificate<br>Section       | <a href="mailto:eddy.surowasono@toyota.astra.co.id">eddy.surowasono@toyota.astra.c<br/>o.id</a>  | +6221-<br>6515551              |   |
| 10  |                     | Mr.Hidayatul Ichsan<br>Suwarno       | Gaikindo  | Section Head   |  |                                |   |
| 11  |                     | Mr. Muawiyah Ismail                  | Gaikindo/Pt. TMMIN  | Head of Government<br>and Regulatory Affair<br>Section | <a href="mailto:ichsan@gaikindo.or.id">ichsan@gaikindo.or.id</a><br><a href="mailto:hidayatulichsan2@gmail.com">hidayatulichsan2@gmail.com</a> | +6221-<br>3157178              |   |
| 12  |                     | Mr. Toto<br>NurwitJaksono            | Directorate Gen. of<br>Land<br>Transportation, Min.<br>of Transportation,<br>Republic of<br>Indonesia | Deputy director of<br>Roadworthiness                   | <a href="mailto:oshi@toyota.co.id">oshi@toyota.co.id</a><br><a href="mailto:totojaksono@listnet.id">totojaksono@listnet.id</a>                 | +6221-<br>6515551 Ext.<br>2606 |  |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**  
**DAY 2**  
**05 December 2012**  
**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company   | Title/Position   | E-mail Address   | Phone              | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|--|--|--------------------|---|
| 13  | INDONESIA           | Ms. Farida<br>Makhmudah              | Directorate Gen. of<br>Land<br>Transportation, Min.<br>of Transportation,<br>Republic of<br>Indonesia    | Chief of Legal Aids<br>and Documentation               | <u>totonoeer@hotmail.com</u><br>  | +62-21-<br>3506127 |    |
| 14  |                     | Mr. Dewanto<br>Purnacandra           | Directorate General<br>of Land<br>Transportation,<br>Ministry of<br>Transportation, Rep.<br>of Indonesia | Head of Vehicle<br>Testing and<br>Certification Center | <u>farizka@yahoo.com</u><br><del>dewantopurnacandra@gmail.com</del><br> | +62-21-<br>3506141 |    |
| 15  |                     | Mr. Robiana<br>Samsuedin             | PT Astra Honda Motor   | General Manager  | <u>robiana@astra-honda.com</u>   | +6221651808<br>0   |   |
| 16  |                     | Mr. Heru Sutanto                     | Association of<br>Indonesia Motorcycle<br>Industry (AISI)  | Head of Harmonization<br>Sub-Committee                 | <u>Heru.sutantto@astra-honda.com</u>   | +6221651808<br>0   |  |
| 17. |                     | Mr. Hari Sasono                      | AISI   | Secretary General                                      | <u>secgen@aaisi.or.id</u><br><u>hasono@gmail.com</u>   | +6221856618<br>1   |   |



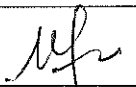

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company            | Title/Position                        | E-mail Address   | Phone                   | SIGNATURE   |
|-----|---------------------|--------------------------------------|-------------------------------------|---------------------------------------|--|-------------------------|---|
| 1   | MALAYSIA            | Ms. Iris Pereira                     | Honda Malaysia Son<br>BHD           | Senior Executive                      | <a href="mailto:iris@honda.net.my">iris@honda.net.my</a>   | +6065591579             |    |
| 2   |                     | Mr. Kamis Zuraini                    | Perodua Mfg. SDN<br>BHD             | Manager                               | <a href="mailto:zuraini@perodua.com.my">zuraini@perodua.com.my</a>   | 603-6738888<br>ext 3678 |    |
| 3   |                     | Ms. Binti Mohd Zin<br>Zuraini        | PROTON SDN BHD                      | Manager                               | <a href="mailto:zuraininz@proton.com">zuraininz@proton.com</a><br><a href="mailto:zurainimz">zurainimz</a> | +603503923<br>18        |    |
| 4   |                     | Mohd Sharul Nizam<br>Sarip           | Road Transport<br>Dept. of Malaysia | Deputy Director                       | <a href="mailto:Sharulnizam@jpi.gov.my">Sharulnizam@jpi.gov.my</a>   | +601944754<br>29        |   |
| 5   |                     | Mohamad Dalib                        | Road Transport<br>Dept. of Malaysia | Director                              | <a href="mailto:Mohamad@jpi.gov.my">Mohamad@jpi.gov.my</a>   | +603888664<br>20        |  |
| 6   |                     | Mr. Goh Wei Ping                     | Hong Leong Yamaha<br>Motor          | Manager, R & D                        | <a href="mailto:wpgoh@yamaha-motor.com.my">wpgoh@yamaha-motor.com.my</a>                                   | 60-16-<br>3598696       |  |
| 7   |                     | Mr. Mohd Hafizi<br>Mohd Arifin       | Ministry of<br>Transport Malaysia   | Assistant Secretary                   | <a href="mailto:hafizi@mot.gov.my">hafizi@mot.gov.my</a>   | +601937736<br>00        |  |
| 8   |                     | Mr. Putra Ezree Bin<br>Izham         | Boon Siew Honda<br>Sdn. Bhd.        | Engineer Quality<br>Assurance Section | <a href="mailto:Putra_ezree@bswhonda.com.my">Putra_ezree@bswhonda.com.my</a>                               | +601249904<br>33        |   |

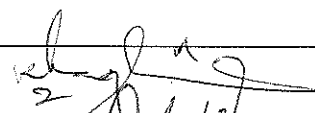
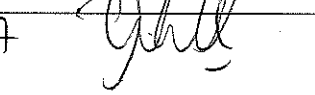
# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company     | Title/Position                        | E-mail Address                       | Phone            | SIGNATURE   |
|-----|---------------------|--------------------------------------|------------------------------|---------------------------------------|--------------------------------------|------------------|---|
| 9   | MALAYSIA            | Mohd Tajudin Bin<br>Loman            | Boon Siew Honda<br>Sdn. Bhd. | Manager<br>Administration<br>Division | tajudin@bswhonda.com.my              | +601249914<br>64 |  |
| 10  |                     | Mr. Khalili Zulrifli                 | MASAAM/FAMI                  | Secretary General                     | <u>khalilizul@armstrong.auto.com</u> | 04-4388202       |  |
| 11  |                     | ABDUL WAHAB<br>LONG                  | PROTON SDN<br>BHD            | SENIOR MANAGER                        | wahab1@proton.com                    | +60196699667     |   |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 2

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company            | Title/Position                        | E-mail Address   | Phone                   | SIGNATURE   |
|-----|---------------------|--------------------------------------|-------------------------------------|---------------------------------------|--|-------------------------|---|
| 1   | MALAYSIA            | Ms. Iris Pereira                     | Honda Malaysia Son<br>BHD           | Senior Executive                      | <a href="mailto:iris@honda.net.my">iris@honda.net.my</a>                     | +6065591579             |   |
| 2   |                     | Mr. Kamis Zuraini                    | Perodua Mfg. SDN<br>BHD             | Manager                               | <a href="mailto:zuraini@perodua.com.my">zuraini@perodua.com.my</a>           | 603-6738888<br>ext 3678 |   |
| 3   |                     | Ms. Binsi Mohd Zin<br>Zuraini        | PROTON SDN BHD                      | Manager                               | <a href="mailto:zuraininz@proton.com">zuraininz@proton.com</a>               | +603503923<br>18        |   |
| 4   |                     | Mohd Sharul Nizam<br>Sarip           | Road Transport<br>Dept. of Malaysia | Deputy Director                       | <a href="mailto:Sharulnizam@jpp.gov.my">Sharulnizam@jpp.gov.my</a>           | +601944754<br>29        |   |
| 5   |                     | Mohamad Dalib                        | Road Transport<br>Dept. of Malaysia | Director                              | <a href="mailto:Mohamad@jpi.gov.my">Mohamad@jpi.gov.my</a>                   | +603888664<br>20        |   |
| 6   |                     | Mr. Goh Wei Ping                     | Hong Leong Yamaha<br>Motor          | Manager, R & D                        | <a href="mailto:wpgoh@yamaha-motor.com.my">wpgoh@yamaha-motor.com.my</a>     | 60-16-<br>3598696       |  |
| 7   |                     | Mr. Mohd Hafizi<br>Mohd Arifin       | Ministry of<br>Transport Malaysia   | Assistant Secretary                   | <a href="mailto:hafizi@mot.gov.my">hafizi@mot.gov.my</a>                     | +601937736<br>00        |   |
| 8   |                     | Mr. Putra Ezree Bin<br>Izham         | Boon Siew Honda<br>Sdn. Bhd.        | Engineer Quality<br>Assurance Section | <a href="mailto:Putra_ezree@bswhonda.com.my">Putra_ezree@bswhonda.com.my</a> | +601249904<br>33        |   |



# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                           | Title/Position  | E-mail Address   | Phone                 | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|---|--|-----------------------|---|
| 1   | EUROPERAN<br>UNION  | Mr. Johan Renders ✓                  | European<br>Commission                             | Legislative Officer –<br>Automotive Industry<br>Unit      | <a href="mailto:Johan.renders@ec.europa.eu">Johan.renders@ec.europa.eu</a> | +32-2-<br>2969962     |    |
| 2   | INDIA               | Mr. K K Gandhi ✓                     | Society of Indian<br>Automobile<br>Manufacturers   | Executive Director<br>(TECH)                              | <a href="mailto:kkgandhi@siam.in">kkgandhi@siam.in</a>                     | 91-11-<br>47103010/18 |    |
| 3   | LAO PDR             | Mr. Thongdam<br>Khounoudom ✓         | Dept. of Industry<br>and Handicraft                | Director, Products<br>Standard Div.                       | <a href="mailto:thongdamk@hotmail.com">thongdamk@hotmail.com</a>           | 856-21-<br>453494     |   |
| 4   | MYANMAR             | Mr. Soe Win ✓                        | Ministry of Rail<br>Transportation                 | Chief Engineer, Road<br>Transport<br>Administration Dept. | <a href="mailto:Rasean123@gmail.com">Rasean123@gmail.com</a>               | 95-67-<br>405145      |  |
| 5   | SINGAPORE           | Mr. Chit Chong<br>Michael Wong ✓     | Motor Traders<br>Association of<br>Singapore (MTA) | Committee Member,<br>MTA                                  | <a href="mailto:secretariat@mta.org.sg">secretariat@mta.org.sg</a>         | 65-62587210           |  |
| 6   | VIETNAM             | Mr. Ky Hong Nuyen ✓                  | VAMA/Vina Star<br>Motors Corp.                     | Asst. Gen. Manager  | <a href="mailto:KYNH@VINASTARMOTORS.COM.VN">KYNH@VINASTARMOTORS.COM.VN</a> | +84-8-<br>38963201    |  |


17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                                     | E-mail Address           | Phone                    | SIGNATURE   |
|-----|---------------------|--------------------------------------|--------------------------|--|--------------------------|--------------------------|---|
| 7   | VIETNAM             | Mr. Nguyen Dong<br>Phong             | Vietnam Register         | Deputy Director-<br>Vehicle Certification<br>Dept. | <u>Phongnd@yr.org.vn</u> | +844376847<br>30 ext 632 |  |

6
 LAO PDK Mr. VANTHANA Dept. of Deputy Director K\_vanthana@yahoo.com +856 21  
 KHAMPHANH Transport Division 41 2270



# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 2

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                           | Title/Position  | E-mail Address   | Phone                 | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|---|--|-----------------------|---|
| 1   | EUROPERAN<br>UNION  | Mr. Johan Renders                    | European<br>Commission                             | Legislative Officer –<br>Automotive Industry<br>Unit      | <a href="mailto:Johan.renders@ec.europa.eu">Johan.renders@ec.europa.eu</a> | +32-2-<br>2969962     |    |
| 2   | INDIA               | Mr. K K Gandhi                       | Society of Indian<br>Automobile<br>Manufacturers   | Executive Director<br>(TECH)                              | <a href="mailto:kkgandhi@siam.in">kkgandhi@siam.in</a>                     | 91-11-<br>47103010/18 |    |
| 3   | LAO PDR             | Mr. Thongdam<br>Khounoudom           | Dept. of Industry<br>and Handicraft                | Director, Products<br>Standard Div.                       | <a href="mailto:thongdamk@hotmail.com">thongdamk@hotmail.com</a>           | 856-21-<br>453494     |   |
| 4   | MYANMAR             | Mr. Soe Win                          | Ministry of Rail<br>Transportation                 | Chief Engineer, Road<br>Transport<br>Administration Dept. | <a href="mailto:Rasean123@gmail.com">Rasean123@gmail.com</a>               | 95-67-<br>405145      |  |
| 5   | SINGAPORE           | Mr. Chit Chong<br>Michael Wong       | Motor Traders<br>Association of<br>Singapore (MTA) | Committee Member,<br>MTA                                  | <a href="mailto:secretariat@mta.org.sg">secretariat@mta.org.sg</a>         | 65-62587210           |   |
| 6   | VIETNAM             | Mr. Ky Hong Nuyen                    | VAMA/Vina Star<br>Motors Corp.                     | Asst. Gen. Manager  | <a href="mailto:KYNH@VINASTARMOTORS.COM.VN">KYNH@VINASTARMOTORS.COM.VN</a> | +84-8-<br>38963201    |  |

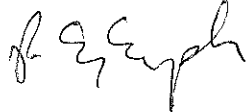
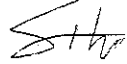

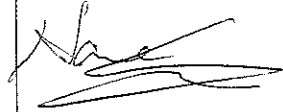

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No.      | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                       | Title/Position   | E-mail Address  | Phone                     | SIGNATURE   |
|----------|---------------------|--------------------------------------|--|--|---|---------------------------|---|
| 1 /      | THAILAND            | Mrs. Phulporn<br>Saengbangpla        | Thai-Nichi Institute<br>of Technology          | Vice President:<br>Chairman ACCSQ-<br>APWG                           | <a href="mailto:phulporns@hotmail.com">phulporns@hotmail.com</a>  | 661-8079063               |    |
| 2 /      |                     | Mr. Sitti<br>Limpanawong-saen        | General Motors                                 | Technical Regulatory<br>Manager                                      | <a href="mailto:sitti.limpanawongsaen@gm.com">sitti.limpanawongsaen@gm.com</a>                          | +660-<br>27914820         |    |
| 3 /      |                     | Ms. Jiraporn<br>Kaewkraisorn         | Dept. of Land<br>Transport                     | Chief of Vehicle<br>Regulations Branch,<br>Automotive Eng.<br>Bureau | <a href="mailto:Jiraporn.dlt@gmail.com">Jiraporn.dlt@gmail.com</a>                                      | 662 271<br>8603           |    |
| 4        |                     | Mr. Shinya Azuma                     | JAMA/Asian Honda<br>Motor Co. Ltd.             | Manager/ Certificate<br>& Product Regulation<br>Bloc                 | <a href="mailto:ashinya@honda.th.com">ashinya@honda.th.com</a>  | +66-84-875-<br>5261       |   |
| 5 /<br>/ |                     | Ms. Nanami<br>Sakakibara             | TAIA/TMAP-EM                                   | Managing Director of<br>TMAP-EM                                      | <a href="mailto:sakakibara@tec.tmap-em.toyota-asia.com">sakakibara@tec.tmap-em.toyota-<br/>asia.com</a> | +66-2790-<br>5120         |  |
| 6        |                     | Ms. Ruth<br>Wannaruetai              | The Thai<br>Automotive Industry<br>Association | Vice-President   | <a href="mailto:ruth.w@honda.co.th">ruth.w@honda.co.th</a>  | (662) 341-<br>7888 # 2056 |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

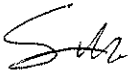
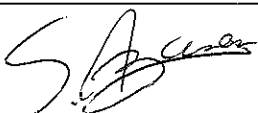
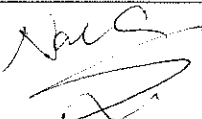
04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                       | Title/Position                   | E-mail Address   | Phone               | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|----------------------------------|--|---------------------|---|
| 7   | THAILAND            | Mr. Prasert<br>Angkawinijwong        | The Thai<br>Automotive Industry<br>Association | Vice-President                   | <a href="mailto:pangkawi@toyota.co.th">pangkawi@toyota.co.th</a>   | (662) 386-<br>1846  |    |
| 8   |                     | Mr. Banpoch<br>Tengwongwattana       | The Thai<br>Automotive Industry<br>Association |                                  |  |                     |    |
| 9   |                     | Ms. Piengjai<br>Keawsuwan            | The Thai<br>Automotive Industry<br>Association | President                        | <a href="mailto:piengjai@nissan.co.th">piengjai@nissan.co.th</a>   | +66(0)23393<br>400  |    |
| 10  |                     | Mr. Ong-Arj<br>Pongkijworasin        | Tri Petch Isuzu Sales<br>Co. Ltd.              | General Manager                  | Ong-arj<br><a href="mailto:pongkijworasin/th/tis/tripetch@tripetch">pongkijworasin/th/tis/tripetch@t<br/>ripetch</a> | +66-2966-<br>2182-3 |   |
| 11  |                     | Ms. Chatchanee<br>Pakavatsoontorn    | Tri Petch Isuzu Sales<br>Co. Ltd.              |                                  | <a href="mailto:p_chatchanee/th/tis/tripetch@tripetch">p_chatchanee/th/tis/tripetch@tr<br/>ipetch</a>                | +66-2966-<br>2182-3 |  |
| 12  |                     | Mr. Suvitcha<br>Bunyaratavej         | Ford Service<br>(Thailand) Co., Ltd.           | Environment & Safety<br>Engineer | <a href="mailto:sbunvara@ford.com">sbunvara@ford.com</a>   | (66)-2-686-<br>4151 |  |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**  
**DAY 2**  
**05 December 2012**  
**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                       | Title/Position   | E-mail Address  | Phone                     | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|--|---|---------------------------|---|
| 1   | THAILAND            | Mrs. Phulporn<br>Saengbangpla        | Thai-Nichi Institute<br>of Technology          | Vice President:<br>Chairman ACCSQ-<br>APWG                           | <a href="mailto:phulporns@hotmail.com">phulporns@hotmail.com</a>  | 661-8079063               |   |
| 2   |                     | Mr. Sitti<br>Limpanawong-saen        | General Motors                                 | Technical Regulatory<br>Manager                                      | <a href="mailto:sitti.limpanawongsaen@gm.com">sitti.limpanawongsaen@gm.com</a>                          | +660-<br>27914820         |    |
| 3   |                     | Ms. Jiraporn<br>Kaewkraisorn         | Dept. of Land<br>Transport                     | Chief of Vehicle<br>Regulations Branch,<br>Automotive Eng.<br>Bureau | <a href="mailto:Jiraporn.dlt@gmail.com">Jiraporn.dlt@gmail.com</a>                                      | 662 271<br>8603           |   |
| 4   |                     | Mr. Shinya Azuma                     | JAMA/Asian Honda<br>Motor Co. Ltd.             | Manager/ Certificate<br>& Product Regulation<br>Bloc                 | <a href="mailto:ashinya@honda.th.com">ashinya@honda.th.com</a>  | +66-84-875-<br>5261       |  |
| 5   |                     | Ms. Nanami<br>Sakakibara             | TAIA/TMAP-EM                                   | Managing Director of<br>TMAP-EM                                      | <a href="mailto:sakakibara@tec.tmap-em.toyota-asia.com">sakakibara@tec.tmap-em.toyota-<br/>asia.com</a> | +66-2790-<br>5120         |  |
| 6   |                     | Ms. Ruth<br>Wannaruetai              | The Thai<br>Automotive Industry<br>Association | Vice-President   | <a href="mailto:ruth.w@honda.co.th">ruth.w@honda.co.th</a>  | (662) 341-<br>7888 # 2056 |   |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

**05 December 2012**

**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company                       | Title/Position                   | E-mail Address   | Phone               | SIGNATURE   |
|-----|---------------------|--------------------------------------|--|----------------------------------|--|---------------------|---|
| 7   | THAILAND            | Mr. Prasert<br>Angkawinijwong        | The Thai<br>Automotive Industry<br>Association | Vice-President                   | <a href="mailto:pangkawi@toyota.co.th">pangkawi@toyota.co.th</a>   | (662) 386-<br>1846  |   |
| 8   |                     | Mr. Banpoch<br>Tengwongwattana       | The Thai<br>Automotive Industry<br>Association |                                  |  |                     |    |
| 9   |                     | Ms. Piengjai<br>Keawsuwan            | The Thai<br>Automotive Industry<br>Association | President                        | <a href="mailto:piengjai@nissan.co.th">piengjai@nissan.co.th</a>   | +66(0)23393<br>400  |   |
| 10  |                     | Mr. Ong-Arj<br>Pongkijworasin        | Tri Petch Isuzu Sales<br>Co. Ltd.              | General Manager                  | Ong-arj<br><a href="mailto:pongkijworasin/th/tis/tripetch@tripetch">pongkijworasin/th/tis/tripetch@t<br/>ripetch</a> | +66-2966-<br>2182-3 |   |
| 11  |                     | Ms. Chatchanee<br>Pakavatsoontorn    | Tri Petch Isuzu Sales<br>Co. Ltd.              |                                  | <a href="mailto:p_chatchanee/th/tis/tripetch@tripetch">p_chatchanee/th/tis/tripetch@tr<br/>ipetch</a>                | +66-2966-<br>2182-3 |  |
| 12  |                     | Mr. Suvitcha<br>Bunyaratavej         | Ford Service<br>(Thailand) Co., Ltd.           | Environment & Safety<br>Engineer | <a href="mailto:sbunyara@ford.com">sbunyara@ford.com</a>   | (66)-2-686-<br>4151 |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position      | E-mail Address        | Phone        | SIGNATURE |
|-----|---------------------|--------------------------------------|--------------------------|---------------------|-----------------------|--------------|-----------|
| 1   | PHILIPPINES         | Ms. Virginia P. Torres               | LTO                      | Assistant Secretary |                       |              |           |
| 2   |                     | Atty. Alfonso V. Tan, Jr.            | LTO                      | Executive Director  |                       | 0917 5813644 |           |
| 3   |                     | Ms. Menelia C. Mortel                | LTO                      | Division Chief      | fitomennie@yahoo.com  | 921-90-69    |           |
| 4   |                     | Ms. Grace R. Mempin                  | LTO                      | -do-                | grmempin@lto.gov.ph   | 920 5869     |           |
| 5   |                     | Ms. Daisy P. Jacobo                  | LTO                      | -do-                | dajacob@lto.gov.ph    | 921-9058     |           |
| 6   |                     | Ms. Maribel T. Salazar               | LTO                      | -do-                | msalazar@lto.gov.ph   | 928-4315     |           |
| 7   |                     | Ms. Irene Nueva                      | LTO                      | -do-                | ireneanueva@yahoo.com | 927-76-13    |           |
| 8   |                     | Atty. Esteban M.<br>Baltazar, Jr.    | LTO                      | Director            |                       |              |           |
| 9   |                     | Engr. Oliver C. Macaspac             | LTO                      | Regional Director   |                       | 860-2050     |           |
| 10  |                     | Engr. Mildred C.<br>Cervantes        | LTO                      | Chief, MVIS         | credco_24@yahoo.com   |              |           |
| 11  |                     | Mr. Eric Lenard E.<br>Tabaldo        | LTO                      | Regional Director   | elctabaldo@yahoo.com  |              |           |
| 12  |                     | Engr. Celso Culis                    | LTO                      | Chief, MVIS         | Ho-mvis@yahoo.com.ph  | 09286244760  |           |
| 13  |                     | Mr. Raul B. Aguilos                  | LTO                      | Regional Director   |                       | 09474908893  |           |
| 14  |                     | Mr. Arnel Tancinco                   | LTO                      | OIC, MVIS           |                       |              |           |



# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel


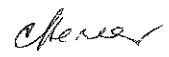
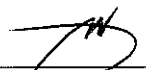
| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name)    | Organization/<br>Company | Title/Position                                  | E-mail Address            | Phone       | SIGNATURE |
|-----|---------------------|---|--------------------------|---|---------------------------|-------------|-----------|
| 15  | PHILIPPINES         | Atty. Emiliano T. Bantog Jr.            | LTO                      | Acting Director II                              | yong_bantog@nbslaw.com.ph | 535 2911    |           |
| 16  |                     | Mr. Benjamin V. Santiago III            | LTO                      | Acting Director I                               | ben-jamesiii@yahoo.com    | 219 4693    |           |
| 17  |                     | Engr. Joel A. Donato                    | LTO                      | Chief, North MVIS                               | jaddonato@yahoo.com       | 4265257     |           |
| 18  |                     | Engr. Melecio M. Moreno                 | LTO                      | Transportation<br>Regulation Officer II         | m.moreno67@yahoo.com      | 3329831     |           |
| 19  |                     | Engr. Bartolome<br>Augustus O. Sesperes | LTO                      | Senior<br>Transportation<br>Regulation Officer  | sesperesaugust@falcon     | 0917928443e |           |
| 20  |                     | Engr. Arnel B. Ropa                     | LTO                      | Chief, South MVIS                               |                           |             |           |
| 21  |                     | <b>Ms. Heriberta DC<br/>Domingo</b>     | LTO                      | Executive Assistant III                         |                           |             |           |
| 22  |                     | Ms. Maria Eliza V.<br>Caguete           | LTO                      | Senior<br>Transportation<br>Development Officer |                           |             |           |
| 23  |                     | Mr. Danilo J. Encela                    | LTO                      | Transportation<br>Regulation Officer II         |                           |             |           |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE  
DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                                 | E-mail Address                | Phone      | SIGNATURE   |
|-----|---------------------|--------------------------------------|--------------------------|--|-------------------------------|------------|---|
| 24  |                     | Ms. Liberty N. Flavio                | LTO                      | Statistician III                               | lnflavio04@yahoo.com          | 9219075/69 |  |
| 25  |                     | Mr. Richard M. Cortez                | LTO                      | Senior<br>Transportation<br>Regulation Officer |                               |            |   |
| 26  |                     | Ms. Carmencita G.<br>Herrera         | LTO                      | Transportation<br>Regulation Officer II        | herrera_m_c_herrera@yahoo.com | 921-90-69  |  |
| 27  |                     | Mr. Ruel A. Gonzaga                  | LTO                      | Clerk I  |                               |            |  |



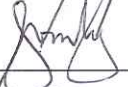
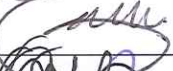



# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 2

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position      | E-mail Address    | Phone    | SIGNATURE   |
|-----|---------------------|--------------------------------------|--------------------------|---------------------|-------------------|----------|---|
| 1   | PHILIPPINES         | Ms. Virginia P. Torres               | LTO                      | Assistant Secretary |                   |          |   |
| 2   |                     | Atty. Alfonso V. Tan, Jr.            | LTO                      | Executive Director  | —                 | —        |    |
| 3   |                     | Ms. Menelia C. Mortel                | LTO                      | Division Chief      |                   |          |   |
| 4   |                     | Ms. Grace R. Mempin                  | LTO                      | -do-                |                   |          |   |
| 5   |                     | Ms. Daisy P. Jacobo                  | LTO                      | -do-                |                   |          |   |
| 6   |                     | Ms. Maribel T. Salazar               | LTO                      | -do-                |                   |          |   |
| 7   |                     | Ms. Irene Nueva                      | LTO                      | -do-                |                   |          |   |
| 8   |                     | Atty. Esteban M.<br>Baltazar, Jr.    | LTO                      | Director            |                   |          |   |
| 9   |                     | Engr. Oliver C. Macaspac             | LTO                      | Regional Director   |                   | 860-2020 |  |
| 10  |                     | Engr. Mildred C.<br>Cervantes        | LTO                      | Chief, MVIS         |                   |          |  |
| 11  |                     | Mr. Eric Lenard E.<br>Tabaldo        | LTO                      | Regional Director   |                   |          |  |
| 12  |                     | Engr. Celso Culis                    | LTO                      | Chief, MVIS         |                   |          |  |
| 13  |                     | Mr. Raul B. Aguilos                  | LTO                      | Regional Director   | PUTIWAS MALAMISAT |          |  |
| 14  |                     | Mr. Arnel Tancinco                   | LTO                      | OIC, MVIS           |                   |          |  |

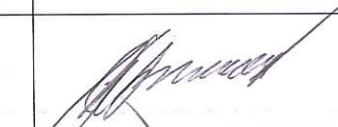
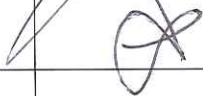


17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                            | E-mail Address | Phone         | SIGNATURE   |
|-----|---------------------|--------------------------------------|--------------------------|---|----------------|---------------|---|
| 15  | PHILIPPINES         | Atty. Emiliano T. Bantog Jr.         | LTO                      | Acting Director II                        |                |               |   |
| 16  |                     | Mr. Benjamin V. Santiago III         | LTO                      | Acting Director I                         |                |               |   |
| 17  |                     | Engr. Joel A. Donato                 | LTO                      | Chief, North MVIS                         |                |               |    |
| 18  |                     | Engr. Melecio M. Moreno              | LTO                      | Transportation Regulation Officer II      |                |               |    |
| 19  |                     | Engr. Bartolome Augustus O. Sesperes | LTO                      | Senior Transportation Regulation Officer  |                |               |   |
| 20  |                     | Engr. Arnel B. Ropa                  | LTO                      | Chief, South MVIS                         |                | 0999 333 0455 |   |
| 21  |                     | <b>Ms. Heriberta DC Domingo</b>      | LTO                      | Executive Assistant III                   |                |               |   |
| 22  |                     | Ms. Maria Eliza V. Caguete           | LTO                      | Senior Transportation Development Officer |                |               |  |
| 23  |                     | Mr. Danilo J. Encela                 | LTO                      | Transportation Regulation Officer II      |                |               |   |




17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                                 | E-mail Address                   | Phone            | SIGNATURE   |
|-----|---------------------|--------------------------------------|--------------------------|--|----------------------------------|------------------|---|
| 24  |                     | Ms. Liberty N. Flavio                | LTO                      | Statistician III                               |                                  |                  |  |
| 25  |                     | Mr. Richard M. Cortez                | LTO                      | Senior<br>Transportation<br>Regulation Officer |                                  |                  |   |
| 26  |                     | Ms. Carmencita G.<br>Herrera         | LTO                      | Transportation<br>Regulation Officer II        | <i>herrera_merchie@cphoo.com</i> | <i>921-90-67</i> |  |
| 27  |                     | Mr. Ruel A. Gonzaga                  | LTO                      | Clerk I  |                                  |                  |  |

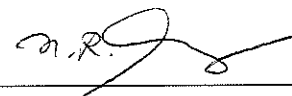
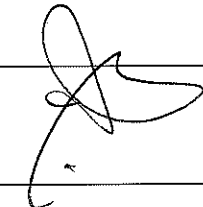
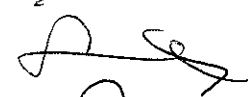
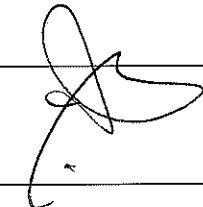
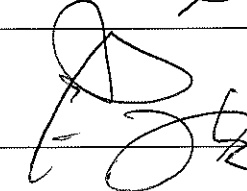
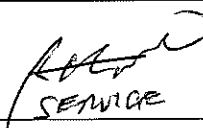


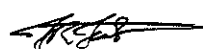
17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name)               | Organization/<br>Company  | Title/Position   | E-mail Address                             | Phone               | SIGNATURE   |
|-----|---------------------|--|---|--|--|---------------------|---|
| 1   | PHILIPPINES         | Atty. Rommel R.<br>Gutierrez                       | Chamber of<br>Automotive<br>Manufacturers<br>of the<br>Philippines, Inc.<br>(CAMPI) | President  |  |                     |   |
| 2   |                     | <del>Mr. Benjie Dionela</del><br>Nolly R. Arellano | Toyota Motor<br>Philippines<br>Corporation  |  | nolly.arellano@toyota.com.ph               |                     |    |
| 3   |                     | Mr. Paul Agustin                                   | Honda Cars<br>Phils.,<br>Incorporated   |                          | pagustin@hondaphil.com                     |                     |   |
| 4   | FA                  | Mr. Jun Bioco<br>MR. JOSE TUAZON                   | Universal<br>Motors<br>Corporation  |                          | junbioco@umc.com.ph<br>junte@myhiss.com.ph | 7100868<br>750 0868 |  |
| 5   |                     | Mr. Jose Lugto                                     | Columbian<br>Autocar<br>Corporation   |  |  |                     |   |
| 6   |                     | Mr. Rommel Cabanela                                | Suzuki<br>Philippines<br>Incorporated   |                          | rommel.cabanela@suzuki.com.ph              | 0917 5721707        |  |
|     | UA                  | FERDINAND FAUSTINO                                 | "   | MARKUS<br><br>Q.A. STAFF | pong.faustino@suzuki.com.ph                | 09192187634         |  |

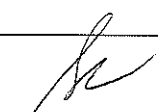
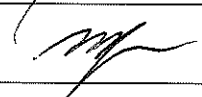
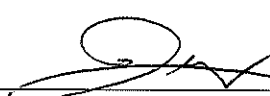


17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name)            | Organization/<br>Company  | Title/Position                               | E-mail Address                         | Phone                   | SIGNATURE   |
|-----|---------------------|---|---|--|--|-------------------------|---|
| ⑦   | PHILIPPINES<br>→    | Mr. Joseph Bautista<br><i>MS Shen L de Leon</i> | Isuzu Phils. Corp.  | <i>Govt of Industry<br/>Affairs Head</i>     | <i>shenburgn-deleon@isuzu.phil.com</i> | <i>091753745709</i>     |    |
| 8   |                     | Ms. Marissa F.<br>Concepcion                    | CAMPI   |  |  |                         |    |
| 61  |                     | Mr. Renato S. Lampano                           | Mitsubishi<br>Motors Phil.<br>Corp                                      | <i>AVP - Govt &amp;<br/>Industry Affairs</i> | -                                      | <i>6980109</i>          |    |
| 9   |                     |   |   |  |  |                         |   |
| 10  |                     | Mr. Ramon Vicente T.<br>Kabigting               | Philippine<br>Automotive<br>Competitiveness<br>Council, Inc.<br>(PACCI) | Executive Director                           | <i>rkabigting@<br/>pacci.ph</i>        | <i>0917<br/>8461993</i> |   |
| 11  |                     | Mr. Ricky John L. Santos                        | -do-  | Technical Committee<br>Chairman              |  |                         |   |
| 12  |                     | Mr. Vicente T. Mills, Jr                        | Philippine<br>Automotive<br>Federation, Inc.<br>(PAFI)                  | President                                    |  |                         |  |

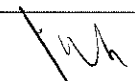
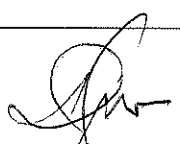
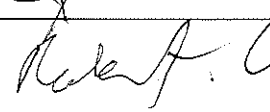
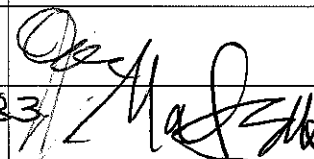
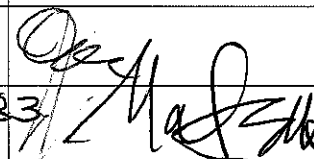

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name)              | Organization/<br>Company  | Title/Position                       | E-mail Address             | Phone       | SIGNATURE   |
|-----|---------------------|---|---|--------------------------------------|----------------------------|-------------|---|
| 13  | PHILIPPINES         | 66. Mr. Frank M. Nacua                            | -do-  | Secretary General                    |                            |             |    |
| 14  |                     | Mr. Donato C. Baysa                               | Truck<br>Manufacturers<br>Association                                     | Executive Committee<br>Chairman      |                            |             |    |
| 15  |                     | Mr. Robert D. Carlos                              | Truck<br>Manufacturers<br>Association                                     | Technical Committee<br>Vice-Chairman |                            |             |    |
| 16  |                     | Mr. Alfredo O. Lejano, Jr.                        | Motor<br>Development<br>Program<br>Participants<br>Association<br>(MDPPA) | President                            |                            |             |   |
| 17  |                     | Mr. Rodel I. Pablo                                | -do-  | -do-                                 |                            |             |  |
| 18  |                     | <del>Mr. Rolando F. Cruz</del><br>MAGNUS R. MATEO | -do-  | -do-                                 | magnus.mateo@suzuki.com.ph | 09178229083 |  |
| 19  |                     | Mr. Generoso J.<br>Paralisan                      | -do-  | -do-                                 | gparalisan@konda.ph.com    | 09178333089 |  |



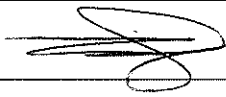
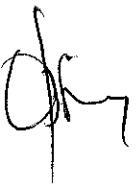
17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position                       | E-mail Address                          | Phone        | SIGNATURE  |
|-----|---------------------|--------------------------------------|---|--------------------------------------|---|--------------|--|
| 20  | PHILIPPINES         | Mr. Tito Cadugo                      | -do-  | -do-                                 |   |              |  |
| 21  |                     | Mr. Arnel Reolizado                  | -do-  | -do-                                 | arnel_reolizado@<br>yamaha-motor.com.ph | 043-981-2445 |   |
| 22  |                     | Mr. Ferdinand Raquel Santos          | Motor Vehicle<br>Parts<br>Manufacturer<br>Association of<br>the Philippines<br>(MVPMAP) | President                            |   |              |  |
| 23  |                     | Mr. Orencio "Rey"<br>Hernando        | Motor Vehicle<br>Parts<br>Manufacturer<br>Association of<br>the Philippines<br>(MVPMAP) | Board Member and<br>AAF/TC2 Chairman | r.hernando@denso.com,<br>ph             | 0919179446   |  |

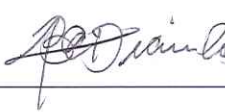
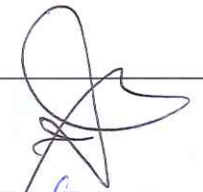



17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position                             | E-mail Address                             | Phone              | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|--|--|--------------------|---|
| 1   | PHILIPPINES         | Atty. Rommel R.<br>Gutierrez         | Chamber of<br>Automotive<br>Manufacturers<br>of the<br>Philippines, Inc.<br>(CAMPI) | President                                  |  |                    |   |
| 2   |                     | Mr. Benjie Dionela                   | Toyota Motor<br>Philippines<br>Corporation  | Supervisor - TMPC                          | benjie.dionela@toyota.com.ph               | 777-8057           |    |
| 3   |                     | Mr. Paul Agustin                     | Honda Cars<br>Phils.,<br>Incorporated   |  |  |                    |   |
| 4   |                     | Mr. Jun Bioco<br>MR. JOJIT TRAZON    | Universal<br>Motors<br>Corporation  | A/P - MFG.<br>LOCAL CONTENT ENGG.<br>ASST. | junbioco@umc.com.ph<br>juntmynissan.com.ph | 7700888<br>7800868 |  |
| 5   |                     | Mr. Jose Lugto                       | Columbian<br>Autocar<br>Corporation   |  |  |                    |  |
| 6   |                     | Mr. Rommel Cabanela                  | Suzuki<br>Philippines<br>Incorporated   | SERVICE MANAGER                            | rommel.cabanela@<br>SUZUKI.COM.PH          | 09175921769        |  |

Mr. Nolly R. Arellano

Toyota

TMPC-CAMPI

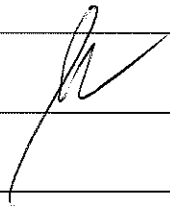
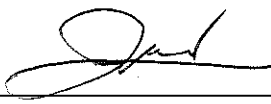
17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name)           | Organization/<br>Company  | Title/Position                               | E-mail Address | Phone                        | SIGNATURE   |
|-----|---------------------|--|---|--|----------------|------------------------------|---|
| 7   | PHILIPPINES         | Mr. Joseph Bautista<br><i>SHERL B. DE LEON</i> | Isuzu Phils. Corp.  | <i>Govt Industry Affairs<br/>Manager</i>     |                |                              |  |
| 8   |                     | Ms. Marissa F.<br>Concepcion                   | CAMPI   |  |                |                              |   |
| 61  |                     | Mr. Renato S. Lampano                          | Mitsubishi<br>Motors Phil.<br>Corp                                      | <i>AVP - Govt &amp; Industry<br/>Affairs</i> |                | <i>632-0109<br/>600-2050</i> |  |
| 9   |                     |  |   |  |                |                              |   |
| 10  |                     | Mr. Ramon Vicente T.<br>Kabigting              | Philippine<br>Automotive<br>Competitiveness<br>Council, Inc.<br>(PACCI) | Executive Director                           |                |                              |   |
| 11  |                     | Mr. Ricky John L. Santos                       | -do-  | Technical Committee<br>Chairman              |                |                              |   |
| 12  |                     | Mr. Vicente T. Mills, Jr                       | Philippine<br>Automotive<br>Federation, Inc.<br>(PAFI)                  | President                                    |                |                              |   |

PHILS.

FERDINAND FAUSTINO

CAMPI  
SUZUKI PHILS

QA-EMG

*dong\_faustino@suzuki.com.ph 09192187634*



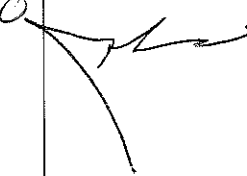
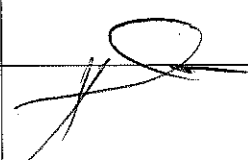
# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 2

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company  | Title/Position                       | E-mail Address | Phone        | SIGNATURE   |
|-----|---------------------|--------------------------------------|---|--------------------------------------|----------------|--------------|---|
| 13  | PHILIPPINES         | 66. Mr. Frank M. Nacua               | -do-  | Secretary General                    |                |              |   |
| 14  |                     | Mr. Donato C. Baysa                  | Truck<br>Manufacturers<br>Association                                     | Executive Committee<br>Chairman      |                |              |   |
| 15  |                     | Mr. Robert D. Carlos                 | Truck<br>Manufacturers<br>Association                                     | Technical Committee<br>Vice-Chairman |                |              |   |
| 16  |                     | Mr. Alfredo O. Lejano, Jr.           | Motor<br>Development<br>Program<br>Participants<br>Association<br>(MDPPA) | President                            |                | 29175533 270 |   |
| 17  |                     | Mr. Rodel I. Pablo                   | -do-  | -do-                                 |                |              |   |
| 18  |                     | Mr. Rolando F. Cruz                  | -do-  | -do-                                 |                |              |   |
| 19  |                     | Mr. Generoso J.<br>Paralisan         | -do-  | -do-                                 |                | 0177 880741  |  |

# 17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

## ATTENDANCE

### DAY 1

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                      | E-mail Address | Phone   | SIGNATURE          |
|-----|---------------------|--------------------------------------|--------------------------|-------------------------------------|----------------|---------|--------------------|
| 1   | PHILIPPINES         | Hon. Joseph Emilio A.<br>Abaya       | DOTC                     | Secretary                           |                |         |                    |
| 2   |                     | Atty. Rene K. Limcaoco               | DOTC                     | Undersecretary for<br>Planning      |                |         |                    |
| 3   |                     | Atty. Rafael Lotilla                 | DOTC                     |                                     |                |         |                    |
| 4   |                     | Atty. Cathryn Gonzalez               | DOTC                     |                                     |                |         |                    |
| 5   |                     | Atty. Jaime Rafael C.<br>Feliciano   | DOTC                     | Assistant Secretary<br>for Planning |                |         |                    |
| 6   |                     | Mr. Idelfonso T. Patdu               | DOTC                     |                                     |                |         |                    |
| 7   |                     | Mr. Dante M. Lantin                  | DOTC                     |                                     |                |         |                    |
| 8   |                     | Ms. Florencia A. Creus               | DOTC                     | Director for Planning               |                |         | <i>[Signature]</i> |
| 9   |                     | Mr. Arnel Manresa                    | DOTC                     |                                     |                | 7277956 | <i>[Signature]</i> |
| 10  |                     | Ms. Cora Japson                      | DOTC                     |                                     |                | 7277960 | <i>[Signature]</i> |
| 11  |                     | Mr. Rey Gatchalian                   | DOTC                     | <i>SR TDO</i>                       |                | 7277956 | <i>[Signature]</i> |
| 12  |                     | Mr. Lemar Jimenez                    | DOTC                     |                                     |                |         | <i>[Signature]</i> |
| 13. |                     | MA. JULIETA D. SILVANO               | DOTC                     |                                     |                | 7277956 | <i>[Signature]</i> |
| 14. |                     | RYAN BELINE LINOVA                   | DOTC                     |                                     |                | 7277956 | <i>[Signature]</i> |

17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 2**

05 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                      | E-mail Address                             | Phone   | SIGNATURE      |
|-----|---------------------|--------------------------------------|--------------------------|-------------------------------------|--|---------|----------------|
| 1   | PHILIPPINES         | Hon. Joseph Emilio A.<br>Abaya       | DOTC                     | Secretary                           |  |         |                |
| 2   |                     | Atty. Rene K. Limcaoco               | DOTC                     | Undersecretary for<br>Planning      |  |         |                |
| 3   |                     | Atty. Rafael Lotilla                 | DOTC                     |                                     |  |         |                |
| 4   |                     | Atty. Cathryn Gonzalez               | DOTC                     |                                     |  |         |                |
| 5   |                     | Atty. Jaime Rafael C.<br>Feliciano   | DOTC                     | Assistant Secretary<br>for Planning |  |         |                |
| 6   |                     | Mr. Idelfonso T. Patdu               | DOTC                     |                                     |  |         |                |
| 7   |                     | Mr. Dante M. Lantin                  | DOTC                     |                                     |  |         |                |
| 8   |                     | Ms. Florencia A. Creus               | DOTC                     | Director for Planning               |  |         |                |
| 9   |                     | Mr. Arnel Manresa                    | DOTC                     |                                     |  |         |                |
| 10  |                     | Ms. Cora Japson                      | DOTC                     |                                     |  |         |                |
| 11  |                     | Mr. Rey Gatchalian                   | DOTC                     |                                     | corajapson@yahoo.com<br>reygatch@yahoo.com | 7277956 | Rey Gatchalian |
| 12  |                     | Mr. Lemar Jimenez                    | DOTC                     |                                     |  |         |                |



17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

**04 December 2012**

**Crowne Plaza Manila Galleria Hotel**

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position   | E-mail Address           | Phone      | SIGNATURE  |
|-----|---------------------|--------------------------------------|--------------------------|--|--------------------------|------------|--|
| 1   | PHILIPPINES         | Atty. Pedro Vicente C.<br>Mendoza    | DTI-BPS                  | Director – in - Charge   |                          |            |  |
| 2   |                     |                                      | DTI-BPS                  |  |                          |            |  |
| 3   |                     | Mr. Arturo B. Bongco                 | DENR-EMB                 | Senior Environmental<br>Management<br>Specialist                                       | art_bongco2011@yahoo.com |            |   |
| 4   |                     | Engr. Edmundo L.<br>Escubio          | DENR-EMB                 | Engineer III   |                          | 9282-44-30 |  |
| 5   |                     | Dr. Hilario Sean O.<br>Palmiano      | UP-NCTS                  | Director   |                          |            |  |
| 6   |                     | Dr. Karl N. Vergel                   | UP-NCTS                  | Head, Urban &<br>Regional Systems<br>Environment Analysis<br>/ Transportation<br>Group |                          |            |  |
| 7   |                     | Engr. Aileen U. Mappala              | UP-NCTS                  | Head, Traffic<br>Engineering &<br>Management /<br>Transportation Group                 |                          |            |  |

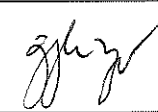
17TH JASIC ASIA GOVERNMENT/INDUSTRY MEETING

**ATTENDANCE**

**DAY 1**

04 December 2012

Crowne Plaza Manila Galleria Hotel

| No. | Country/<br>Economy | Name<br>(First Name to Last<br>Name) | Organization/<br>Company | Title/Position                             | E-mail Address | Phone     | SIGNATURE  |
|-----|---------------------|--------------------------------------|--------------------------|--|----------------|-----------|--|
| 8   |                     | Atty. Jaime D. Jacob                 | LTFRB                    | Chairman, LTFRB                            |                |           |  |
| 9   |                     |                                      | LTFRB                    |  |                |           |  |
| 10  |                     | Ms. Zenaida Y.<br>Monsada            | DOE-OIMB                 | Director                                   |                |           |  |
| 11  |                     | Ms. Zenaida G. Lazaro                | DOE-OIMB                 | Supervising Science<br>Research Specialist |                | 846-21-55 |  |
| 12  |                     | Mr. Loreto B. Moncada                | DOE-EUMB                 | Senior Science<br>Research Specialist      |                |           |  |
| 13  |                     |                                      | DOE-EUMB                 |  |                |           |  |





# The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region

- Day 1 -



# Opening remarks



# Welcome Speech

**Undersecretary for Road**

**DOTC, Philippines**



# Welcome Address from Industry

**Mr. Vicente T. Mills, JR,  
President, Philippine Automotive Federation  
Incorporated (PAFI)**



## Opening remark 1

**Mr. Takao Onoda,  
Director, International Affairs Office,  
Engineering Policy Division,  
Road Transport Bureau, MLIT, Japan**



## Opening remark 2

**Mr. Yoshihiro Nanto  
Director General,  
Japan Automobile Standards  
Internationalization Center (JASIC)**

## Draft of the Opening Remarks from JASIC (on December 4, 2012)

JASIC  
Director General

Good morning. I am Yoshihiro Nanto, Director General of JASIC.

First, on behalf of JASIC I would like to express our sincere appreciation for Atty. Feliciano who is the Assistant Secretary for Planning & ICS of Department of Transportation & Communications and Ms. Torres who is the Assistant Secretary of the Land Transportation Office of Republic of the Philippines as well as for the related party for their preparation and running of this 3rd Public and Private Joint Forum in Asian region under the co-sponsorship of the Japanese government and Republic of the Philippines government, and I also like to welcome all of you who are attending this meeting.

Although the meeting is the 3rd forum, this is, at the same time, the 17th JASIC Asia Government/Industry Meeting and being held as the 2nd meeting of the 6<sup>th</sup> series with the theme; “Promoting the International Whole Vehicle Type Approval concept under the UN Regulation framework for realizing harmonization of regulations and establishing Mutual Recognition of Approvals in the Asian region.”

I am grateful that many government and private sector representatives involved with automobile standards and approval in the various Asian countries participate in this discussion. Many countries are advancing their steps forward. Some countries who are already 1958 Agreement members are introducing UN regulations to their domestic rules or preparing to organize the type approval systems, some other countries who are 1998 Agreement members are now playing important roles in WP29, many other countries are making further efforts to accede to the 1958 Agreement, and the rest of the countries are moving to establish their plans for future automobile regulations in line with the UN ones in lieu of attending this forum only to observe.

In particular, the ASEAN member countries, which have the target to establish the “ASEAN Community” by 2015, are going to build automobile regulation and certification systems within the region.

In this circumstance, it is my great pleasure that we could announce to open our office in Jakarta sometime early in the next year in order to support ASEAN member nations in accordance with their development situation relating to the establishment of the automobile regulation and certification systems.

The JASIC Jakarta Office will enable government and industry to work together in helping to introduce internationally-harmonized automotive regulation and certification systems with good safety and environmental performance in the ASEAN member nations, thereby improving safety and protecting the environment, while also developing strong automotive markets in these countries.

So, next, Mr. Takashi Hirai who is becoming the Head of Jakarta Office of JASIC will introduce himself.

Thank you very much.



## Opening remark 3

**Mr. Takashi Hirai**  
**Director, Preparatory Office**  
**for Establishment of Jakarta Office, JASIC**



# ***JASIC Jakarta Office...***

**December 4, 2012**

***Takashi HIRAI***

**Director**

**Preparatory Office for Establishment of Jakarta Office**



# Contents - 1

## ➤ What is JASIC ?

- JASIC's Activities
  - *Cooperation with ASIA*
- Activities of JASIC Jakarta Office

# What is JASIC ? - Objective

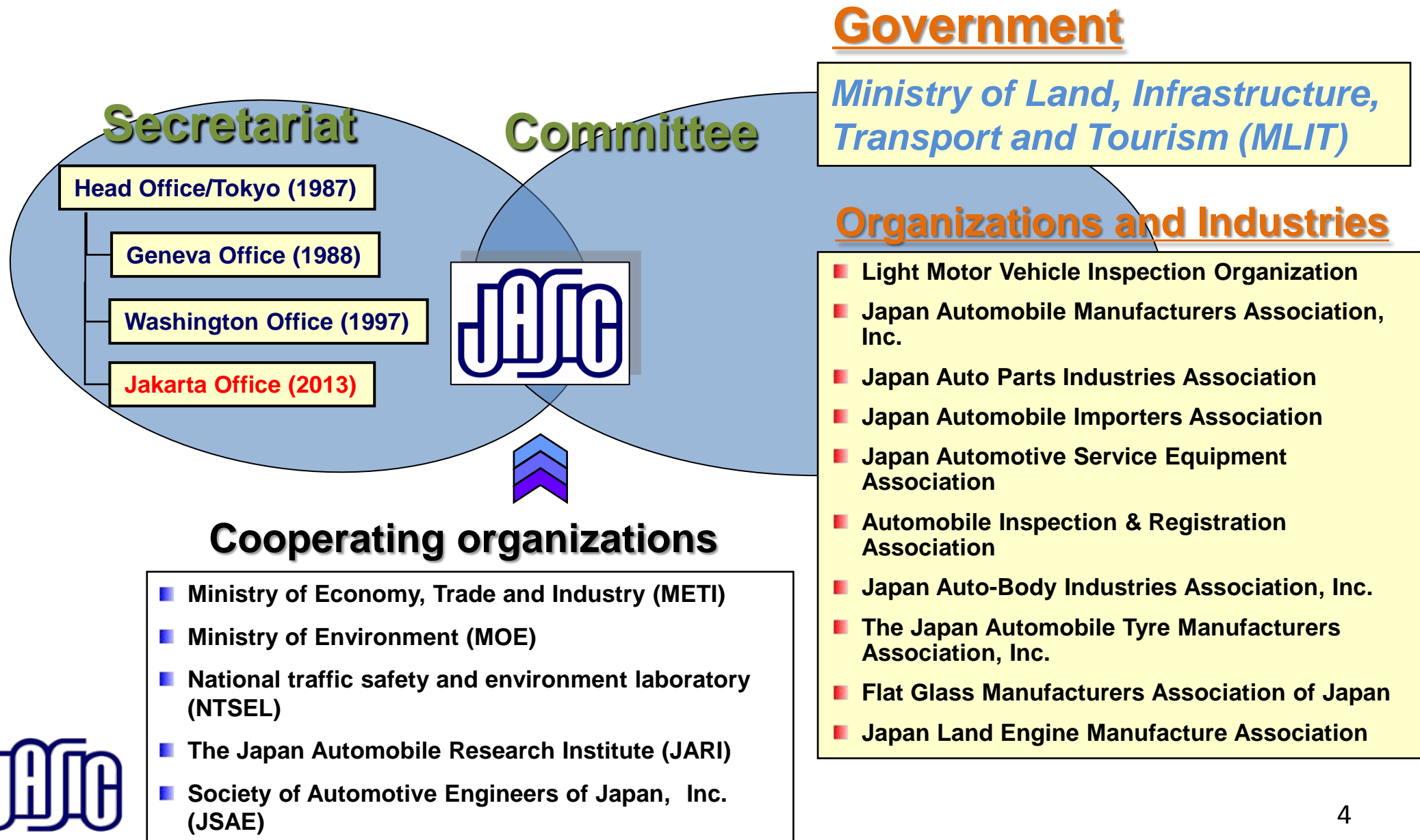
JASIC was established *to assist the MLIT-Japan;*

*in promoting the international harmonization* of automobile technical regulations and certification system

under *the cooperation between public and private sectors*



# What is JASIC ? - Organization overview



# Contents - 2

- What is JASIC ?
- *JASIC's Activities*  
*- Cooperation with ASIA*
- Activities of JASIC Jakarta Office

# **JASIC's Activities - Cooperation with ASIA①**

## ***JASIC Public and Private Joint Forum in Asian region***

### **Purpose**

*To realize international harmonization of vehicle regulation and mutual recognition of approvals under the 1958 agreement .*

### **Participant**

*Governments and Industries of Asian area.*

### **Organize**

*This Annually Forum is co-organized by JASIC and a government of Asian country which the forum is held.*



# *JASIC's Activities - Cooperation with ASIA②*

## *JASIC Public and Private Joint Forum in Asian region*

Topics of this Forum are,

- Development of a VTA in each country.
- Accession to the 1958 Agreement and adoption of UN Regulations necessary for a VTA.
- Basic study for MRA of a whole vehicle certification under the UN/WP29 framework.
- Arrangement of the expert meetings for well understanding of the 1958 Agreement and each UN Regulation.

***The 3rd Public & Private Forum  
will be held in Manila, Philippine,  
December 4th – 6th, 2012.***



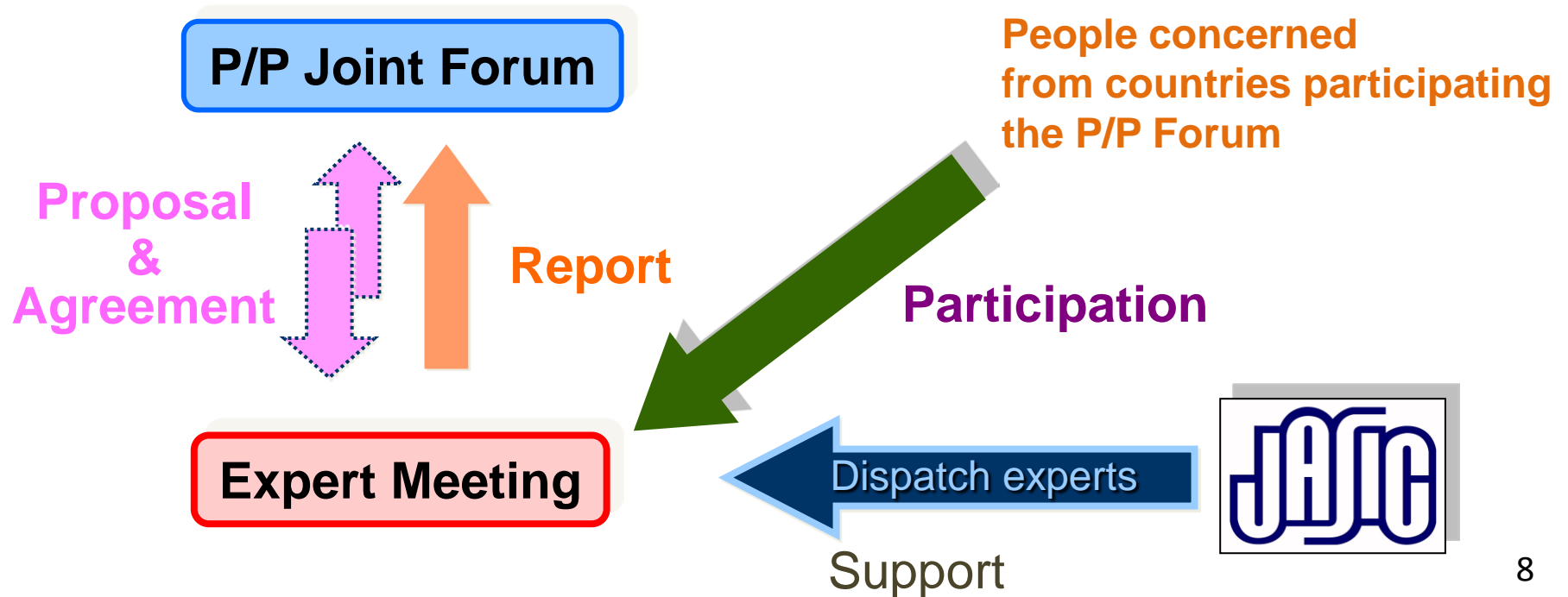
# JASIC's Activities - Cooperation with ASIA<sup>③</sup>

## JASIC Asia Expert Meeting

### Purpose

*To improve knowledge for the specific items*

*To strengthen the cooperation among Asian countries.*





# JASIC's Activities - Cooperation with ASIA④

## JASIC Asia Expert Meeting

### Lecture



- *The 1958 Agreement*
- *A type approval system*
- *Environmental regulation*
- *Safety regulation etc.*

### Demonstration Test



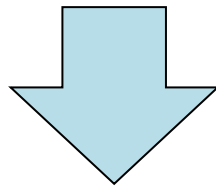
- *Lighting*
- *Noise*
- *Etc.*

# Contents - 3

- What is JASIC ?
- JASIC's Activities
  - *Cooperation with ASIA*
- *Activities of JASIC Jakarta Office*

# Activities of JASIC Jakarta Office

- ✓ **Exchange information** relating to automotive regulations and certification systems with ASEAN Member States, ASEAN Secretariat, etc.
- ✓ **Provide assistance** in establishing automotive regulation and certification systems in ASEAN Member States as well as their accession to the 1958 Agreement
- ✓ **Promote Japan-ASEAN cooperation** in international harmonization of regulations at the United Nation, etc.



- **Enhance safety and environmental performance** of automobiles **in the ASEAN Member States**
- **Strengthen Asia's presence and influence** in the international arena

# Information of JASIC Jakarta Office



<Address>  
Wisma 46 – Kota BNI, 19<sup>th</sup> Floor  
Jl. Jend. Sudirman Kav. 1  
Jakarta 10220



Thank you  
for your attention.

*[http://www.jasic.org/e/index\\_e.htm](http://www.jasic.org/e/index_e.htm)*

*Contact address : [jasic@jasic.org](mailto:jasic@jasic.org)*





# Keynote Speech-1

Mr. Takao Onoda,  
Director, International Affairs Office,  
Engineering Policy Division,  
Road Transport Bureau, MLIT, Japan



# Keynote Speech

---

The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region  
4-5 December 2012

*Takao ONODA*

*Director, International Affairs Office,*

*Engineering Policy Division,*

*Road Transport Bureau*



Ministry of Land, Infrastructure, Transport and Tourism

- 1. Benefits of harmonization of regulations and mutual recognition of certification**
- 2. Develop partnership among Asian countries**
- 3. ASEAN-Japan Cooperative Program for Vehicles**
- 4. Conclusion**



# I. Benefits of harmonization of regulations and mutual recognition of certification

- Through harmonization of regulations and mutual recognition of certification, it is possible to promote safer and more environmentally-friendly motor vehicles around the world.
- This not only enables governments to cut administration costs, but also allows the automobile industry to reduce development, certification, and production costs through unification of vehicle design specifications and standardization of parts, to build up global and flexible supply chains, and, consequently, to concentrate more resources on the development of safety and environmental technologies.
- Motor vehicle users also benefit not only from the spread of safer and more environmentally-friendly motor vehicles, but also from reduction in vehicle prices resulting from reduced costs.

## Motor Vehicle Users

- Spread of safer and more environmentally-friendly motor vehicles
- Accessible vehicle prices

## Automakers, etc.

- Unified design specifications and standard parts
  - Reduced development, certification, and production costs
  - Global and flexible supply chains
- More resources to the development of safety and environmental technologies

Harmonization  
of Regulations

Mutual  
Recognition of  
Certification

## Governments

- More efficient rulemaking process
- Streamlined examination process for certification

- Asian countries are rapidly growing. They are promising auto markets and, at the same time, important international players. It is imperative to improve environment for automakers to play active roles in the contribution to the growth, safety, and security of Asian countries.
- We will work with other Asian countries so as to enhance the contributions of Asia to WP.29 and to expand the accession to the 1958 Agreement, and, as a result, to promote the harmonization of regulations and mutual recognition of certification for improving safety and environment.
- Two fronts of work: multilateral framework through government/industry joint forums, etc. and bilateral cooperation through meetings of minister-level officials, seminars, and dispatch of experts, etc.

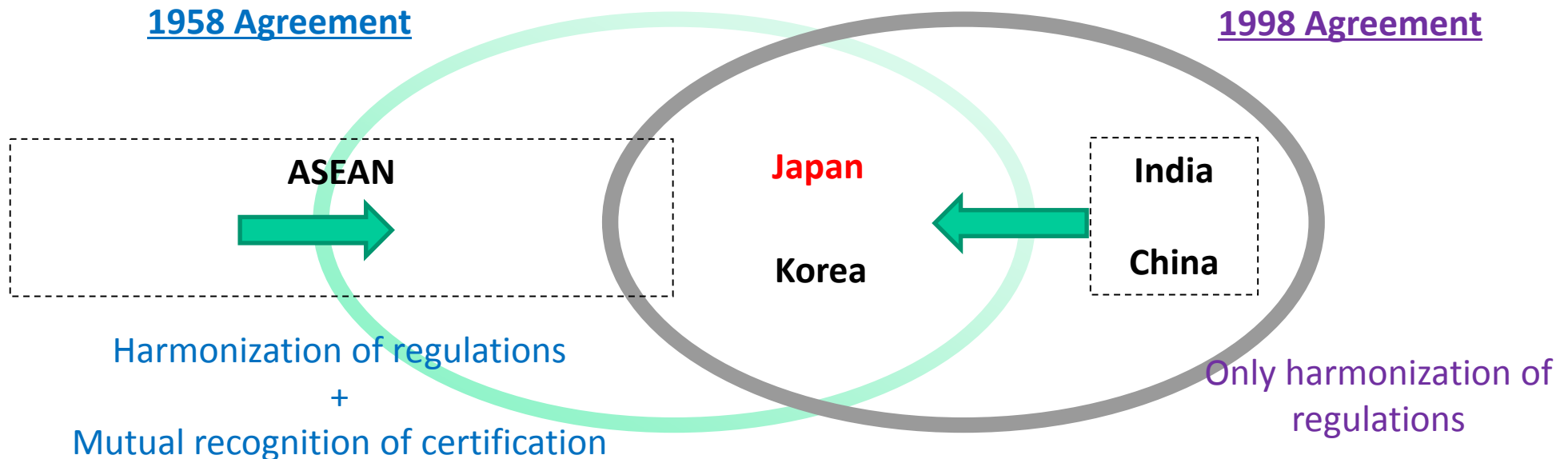
Asia as Growing Auto Markets

Asia as International Partners

Promote the harmonization of regulations and mutual recognition of certification through expansion of accession to the 1958 Agreement for improving safety and environment

1958 Agreement

1998 Agreement



## Background

- ◇ Rapid motorization along with economic development and globalization
- ◇ Regional environmental issues and traffic accidents become serious concerns
- ◇ Economic integration by 2015

Within the framework of “Automobile Technical Cooperation Project on Safety and Environment” under ASEAN-Japan Transport Partnership(AJTP), MLIT of Japan proposed to initiate a new program for further fostering cooperative relationship with ASEAN Member States in this field.

**ASEAN-Japan Cooperative Program on Development of Technical Regulations and Establishment of a Type Approval System for Vehicles  
(endorsed at the 8th ASEAN-Japan Transport Ministers Meeting held in November 2010 )**

Policy dialogue

Public-private joint forum

Training courses

Dispatching experts

Improvement of laws, regulations and organizations

Development of technical regulations

Establishment of a type approval system

Promotion of international harmonization of regulations

Promotion of mutual recognition of approval

Accession to the UN agreement

Assessment on conformity of production

Appointment of the technical services

Specific Measures listed in the **ANNEX as of 04 July 2012** of the “*ASEAN-Japan Cooperative Program on Development of Technical Regulations and Establishment of a Type Approval System for Vehicles*”

1. **Public and Private Joint Forum in Asian region**  
The Forum was held in November 2011 in Indonesia.
2. **ASEAN Forum on WP29**  
The Forum was held in conjunction with the Public and Private Joint Forum in Asian region. The next Forum will be held in 2012 and/or 2013 (under consideration).
3. **ACCSQ-APWG Workshop**  
The Workshop was held one day prior to the last SEOM/ACCSQ/APWG in September 2012. The next Workshop will be held in February 2013 in Lao PDR (under consideration).
4. **Advanced Training Course**  
The Training Course was held in October 2012 for about 2weeks.  
Participating Countries : Indonesia, Philippines, Vietnam.
5. **JICA Training Course**  
The Training Course was held in November 2012 for about 2 weeks.  
Participating Countries : Cambodia, Indonesia, Lao PDR, Myanmar, Thailand
6. **JASIC Asia Expert Meeting**  
Expert Meetings were held in Malaysia, Vietnam, and Thailand in 2012.
7. **Technical Assistance to Philippines**  
A project for technical assistance to Philippines was launched in August 2011 and the first phase ended in March 2012.
8. **Technical Assistance funded by Japan-ASEAN Integration Fund [in preparation]**

### 1. Public and Private Joint Forum in Asian region 2. ASEAN Forum on WP29

#### Date

November 2011

#### Place

Indonesia

#### Purpose

- Exchange views and information in the fields of automobile technical regulations and a type approval system.
- Share the latest information on WP29 discussion.

#### Participants

Brunei, Cambodia, China, Hong Kong, India, Indonesia, Japan, Korea, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam, etc.

160 representatives from both public and private sector in 2011

(Total number of participant: more than 2,000 from 19 Economies up to 2011)

#### Outcome

- Japan has provided the latest information on WP29 activities.
- It was confirmed that Asian economies would deepen their understandings of the merits of participation in WP29 and of accession to the 1958 Agreement.
- It was confirmed that each Asian economy may present its opinions so that their requests and proposals can be reflected at WP29.

### 3. ACCSQ-APWG Workshop

#### Date

One day prior to the task force meeting of APWG

#### Place

Same venue as the APWG meeting

#### Participants

Representatives from ASEAN regulatory bodies from both transport and industry sector, technical services and automotive industry

#### Topics

- Conformity of Production (COP) System under the 1958 Agreement and Japanese System
- Updated movement on World Forum for Harmonization of Vehicle Regulations (WP29)
- Electric Vehicle Standard



ACCSQ: ASEAN Consultative Committee on Standards and Quality  
APWG: Automotive Product Working Group

# 4. Advanced Training Course

**Date** October 2012 for about 2 weeks

**Place** Japan

### Purpose

- i. Promote to apply technical regulations on safety and environment
- ii. Promote international harmonization of vehicle regulations on safety and environment and mutual recognition of type approval

**Participants** Indonesia, Philippines, Vietnam.

### Program

#### Lecture

- World Forum for Harmonization of Vehicle Regulations (WP29)
- 1958 Agreement and UN Regulation
- Latest information on discussions in WP29
- Internationalization of Regulation and Certification System

#### Technical tour

- Technical service for type approval (NTSEL)



# 5. JICA Training Course

**Date** November 2012 for about 3 weeks

**Place** Japan

### **Purpose**

To provide useful advice and information and extend assistance to ASEAN Member States so as to develop their vehicle regulations and establish type approval systems.

**Participants** Cambodia, Indonesia, Lao PDR, Myanmar, Thailand.

### **Program**

#### **Lecture**

- Motor vehicle safety and environment regulation and certification system
- Motor vehicle inspection and registration system
- Motor vehicle recall system
- Motor vehicle assessment etc.

#### **Technical tour**

- National Agency of Vehicle Inspection
- Designated vehicle maintenance shop etc.



## 6. JASIC Asia Expert Meeting

(JASIC : Japan Automobile Standards Internationalization Center)

### Purpose

Dispatching JASIC experts to ASIAN countries

- for encouragement of their better understanding of UN Regulations,
- for enhancement of their knowledge, skills, methods and
- for improvement of system such as certification system, COP system practically

(COP : Conformity of Production)

### Process



**P/P Joint Forum**

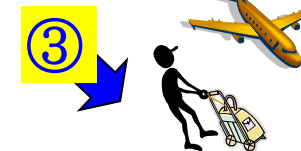
② Request items



Inter communication



Arrange Experts and dispatch them to the country to carry out the Expert Meeting



The country arrange the venue and collect the audiences



**EX Meeting**

| Country  | Date      | Theme  |
|----------|-----------|--|
| Malaysia | Jul. 2012 | R100 (Electric Power Train)<br>R40,83 (Exhaust Emission)   |
| Vietnam  | Aug. 2012 | R34 (Prevention of Fire Risks)<br>Recall   |
| Thailand | Aug. 2012 | R80 (Seats of large passenger vehicles)<br>R117 (Tire rolling noise, wet grip adhesion, rolling resistance ) |

# 7. Technical Assistance to Philippines

**Date** August 2011- March 2012

## Background

In response to an official request from the Philippine government, Japan decided to carry out the Project.

## Topics

- Study of the current situations
- Analysis on the Impact of new motor vehicle regulations and certification
- Development of the implementation approaches

## Output

- The Philippines government has established a Road Map to Accession to the 1958 Agreement and a Framework for Vehicle Regulation and Certification System.

### 8. Technical Assistance funded by Japan-ASEAN Integration Fund [in preparation]

#### 1 : Survey of the current situations

- Survey of the current situations of ASEAN countries such as existing vehicle regulations and certification, existing system, past approach of the vehicle regulations and certification and so on.
- Case study of introduction and implementation on motor vehicle regulations and certification in Japan and other countries

#### 2 : Analysis of the impact of new vehicle regulations and certification

- Analysis of bottleneck and impact on safety, environment, stakeholders, society and so on

#### 3 : Development of the implementation approaches

- Proposal regarding concept of motor vehicle regulations and certification, implementation system (organizational structure, role, committee, personnel), schedule of the implementation, etc.
- Preparation of draft of new vehicle regulations and certification

#### 4 : Seminar and training

- Seminars for both public and private stakeholders and training necessary for the implementation on new vehicle regulations and certification etc.

- Asian economies can promote safer and more environmentally-friendly motor vehicles through the harmonization of regulations & mutual recognition of certification and the accession to the UN 1958 Agreement.
- Japan is ready to support such efforts through various frameworks such as bilateral meetings or “ASEAN-Japan Cooperative Program on Development of Technical Regulations and Establishment of a Type Approval System for Vehicles” endorsed at the 8th ASEAN-Japan Transport Ministers Meeting.
- Japan will launch the new project funded by Japan-ASEAN Integration Fund (JAIF) to assist the improvement of the motor vehicle regulation and certification system so as to enhance the safety of motor vehicles and to reduce

**Thank you for your attention!**



**MLIT**



## Keynote Speech-2

**Honorable Joseph Emilio Abaya  
Secretary, DOTC, Philippines**



# Keynote Speech-3

**Ir. Mohamad Bin Dalib**  
**Chairman of ACCSQ-APWG Task Force**

**Guest of Honor from  
Land Transportation Office, Republic of the Philippines**

**Mr. Takao Onoda**

Director of Road Transport Bureau  
Ministry of Land Infrastructure, Transport and Tourism (MLIT)

**Mr. Yoshihiro Nanto**

Director General  
Japan Automotive Standards Internationalisation Center (JASIC)  
Delegates of the Second Public and Private Joint Forum in Asian Region  
Automotive Industry Associations

Distinguished Guests, Ladies and Gentlemen

A PLEASANT DAY TO ALL OF US...

First of all, I would like to express my sincere appreciation to Japan Automotive Standards Internationalisation Center (JASIC) and Ministry of Land Infrastructure, Transport and Tourism (MLIT) of Japan for the kind invitation to me to give a Speech on the occasion of the 3<sup>rd</sup> Public and Private Joint Forum in Asian Region.

It is unfortunate, however, that Mr. Isagani Creencia Erna have to attend to an equally important commitment as part of his main obligation to service the Working Group Meetings in ASEAN. It so happened that the events are scheduled at the same time, so on behalf of the Task Force of APWG, I will deliver the speech for the purpose of this forum..

In January 2011, the 1<sup>st</sup> Public and Private Joint Forum in Asian Region was held in Japan and it gave the opportunity for all of us to learn from the various presentations and subsequently, In November 2011, the 2<sup>nd</sup> Public and Private Joint Forum in Asian Region was held in Indonesia. Both Forums shared about the activities of ASEAN in the automotive sector, in particular the activities related to the integration initiatives in ASEAN. Never-the-less, the spirit of ASEAN is very much represented today noting that most of the representatives of the Automotive Product Working Group in ASEAN are joining the Forum and their collective views represent the view of ASEAN.

Ladies and Gentlemen...

The automotive sector is one of the priority sectors identified for integration in ASEAN with the aim of achieving ASEAN Economic Community by 2015. In the area of standards and conformance, the support to integration initiative is geared towards reducing, if totally eliminating, technical barriers to trade (TBT). In this regard, the Automotive Product Working Group (APWG) was established by the ASEAN Consultative Committee for Standards and Quality (ACCSQ) to study and develop mechanisms to address trade barriers caused by differing standards and technical regulations in the automotive sector. *For the benefit of non-ASEAN delegates, the*



*ACCSQ is the sectoral body in ASEAN created by ASEAN Economic Ministers and mandated to address Technical Barriers to Trade in the priority product sectors in the region in order to facilitate the free flow of quality and safe goods in ASEAN.*

Tariffs and duties of imported goods have significantly reduced in ASEAN which encourages trade in the region, however if other impediments to trade, such as compliance to technical regulations of importing country still exists then the probability of delaying the entry of products could happen. This is where the elimination of TBT comes into the picture.

For its part, the Automotive Product Working Group has made progress on identifying and developing mechanism to reduce TBT to facilitate trade of automotive products in ASEAN through, among others:

- **Harmonisation of Standards and Technical Requirements;**
- **Mutual Recognition of Conformity Assessment Results; and,**
- **Capacity Building Programmes,** among its various activities.

These three mechanisms are the main focus of my speech in this Forum.

### ***Firstly, Harmonisation of Standards and Technical Requirements...***

Using international standards as basis of national standards is one of the important elements in harmonisation. The APWG has agreed on adopting UNECE Regulations as basis of common standards and technical requirements for ASEAN. As we all know UNECE Regulations is the internationally recognised Regulations or requirements in the automotive sector. In order for the automotive products to be sold globally, it has to meet UN regulations. Countries with automotive manufacturing industry have to put into consideration the international Regulations for global market and competitiveness.

While it is acknowledged that each Member State has its own prioritisation in terms of the applicable UN regulations to be applied nationally, it is worthwhile to mention that in ASEAN, 19 UNECE Regulations have been agreed for harmonisation by 2015. It took a significant amount of time to arrive at the common UNECE regulations for harmonisation in ASEAN noting the different level of capability and technical infrastructure of ASEAN Member States. Agreeing with 19 UNECE Regulations is just the beginning of the harmonisation process. The more challenging part of scrutinising the relevant UNECE regulations to have unified standard and technical requirements is yet to be seen and awaits further discussions. One thing for sure, using common reference standard as basis of test and certification, provides opportunity for wider market access and international recognition. Harmonised standards and technical requirements are pre-requisite to mutual recognition.

### ***This brings me to the second trade facilitation mechanism – **Mutual Recognition of Conformity Assessment Results*****

With the common basis of test and certifications for the product, coupled by testing and certification at the source country on behalf of the importing country reduces the burden of duplicate testing and certification. This is the principle behind the development of Mutual Recognition Arrangements (MRA) for Type Approval of Automotive Products in ASEAN.

Some country requires testing and certification or approval of product against a standard prior to selling in their country in order to make sure that the products are safe and of good quality. At times this requirement is incorporated in the laws, rules or regulations of the country making compliance to standards mandatory. This system has been accepted as a legitimate right of a country in order to enforce a certain requirements. However assuring the safety and quality of the product does not necessarily require testing by importing country alone noting the equally reliable and competent testing and certification bodies available for the product outside the country.

The ASEAN MRA on Type Approval for Automotive Products provides a regional arrangement to accept testing and certification issued by competent Technical Services following the competence criteria and procedure stipulated in the MRA. The competent criteria follow the internationally acceptable system and procedures in conformity assessment system in order to gain benefits of the already existing technical infrastructure by the countries. The MRA has also taken into consideration the UN 1958 Agreement as the base criteria of recognition and procedures. The ASEAN MRA on Type Approval of Automotive Products is progressing in its development however I must admit that there are important issues that need to be addressed before ASEAN can move further in the completion of MRA. These steps are important in making sure that everyone are achieving common objective for the benefit of all ASEAN Members.

It is also important for all ASEAN Members to fully appreciate the MRA mechanism to make it useful and beneficial not only for those who have the capability to utilize it fully but would also provide avenue for those who are still developing their automotive industry to see greater opportunity for them. The MRA therefore serves as a capacity building for the industry.

**Capacity Building Programme** is important component for harmonisation and mutual recognition.

ASEAN is privileged to enjoying generous support from donor countries or dialogue partners in pursuing the integration initiative agenda in ASEAN. Japan for instance has been at the forefront in providing this support in the automotive sector by way of training, workshops, meetings and conferences.

Previously, there was a workshop on Vehicle Type Approval (VTA), Conformity of Production (COP) procedure and UN regulations held in July 2011 in Jakarta has provided clearer picture in approaching a harmonised UN regulations and MRAs. The APWG had a problem in determining the differences among the 19 UNECE regulations in terms of specific requirements of each UN Regulations. The workshop had provided the needed information on the different versions of each UNECE Regulation which the APWG was looking for clarification.

The various trainings and workshops in the past have definitely provided inputs in what the APWG has reached so far in the area of harmonisation and mutual recognition.

This Third Private/Public Forum is another opportunity of capacity building for ASEAN as delegates participate in the discussion through exchange of information and sharing of experiences with other countries and be updated on the developments in the automotive sector not only in Asia but also in the world.

Ladies and Gentlemen...

I shared some mechanisms that ASEAN through the Automotive Product Working Group is doing. Let me summarise this by saying that ...

- the work of harmonisation and mutual recognition are the key mechanisms towards trade facilitation in ASEAN;
- the automotive sector is following these steps and is progressing one step at a time;
- moving forward with common goal and vision are important to advance together as a Region;
- reducing the development gap in ASEAN between countries with advance automotive industry and countries with newly developing automotive industry is enhancing ASEAN as a region.
- this would not be possible without the support of generous and kind assistance from dialogue partners. The APWG would be able to achieve its milestone as it continues to work together and shape the ASEAN automotive industry as a region towards a single community in 2015.

**In closing**, let me thank once again Japan Automotive Standards Internationalisation Center (JASIC) and Ministry of Land Infrastructure, Transport and Tourism (MLIT) of Japan for this opportunity; and of course to the government of Indonesia for hosting this important event.

I wish every one a productive and fruitful Forum.

TERIMA KASIH...



# Report-1: Report from Industries

Mr. Paul Agustin  
Member of CAMPI

Mr. Kiminori Hyodo  
Chairman of Regulation and Certification  
Systems Committee, JAPIA

# Wrap-Up of 17<sup>th</sup> RACE (Regulation and Certification Experts) Meeting

## 1. Main points of each association country's report

### 1) GAIKINDO

- (1) Government Regulation No. 55 containing vehicle type approval is still under discussion
- (2) GAIKINDO supports IWVTA

### 2)MAA

- (1) SIRIM has been assessed and appointed to conduct test on R22 (protective helmet).
- (2) On stance towards IWVTA, MAA agrees in principle.

### 3) CAMPI

- (1) CHVSR is studying the accession to 1958 Agreement under the Japan-ASEAN Cooperation Fund, and will accede to 1958 Agreement should there be positive conclusion of the study.
- (2) Philippines is planning to construct the test facilities for R49 and R83.
- (3) CAMPI supports IWVTA.



#### 4) MTA-S

- (1) Carbon Emission-based Vehicle Scheme will be implemented from Jan 2013.
- (2) Euro 5 emission regulation (Diesel) will be implemented from Jan 2014
- (3) Euro 4 emission regulation (Gasoline) will be implemented from Apr. 2014
- (4) MTA-S supports IWVTA

#### 5) TAIA

- (1) Gazette for vehicle noise regulation (R51-02) applying on M1 and N1 categories vehicle is planned to be released end of 2012, and implemented on new models from 2015 and existing models from 2017.
- (2) TAIA supports IWVTA.

#### 6) VAMA

- (1) Vietnam is currently drafting the fuel efficiency regulation.
- (2) Vietnam will be implementing regulations on head lamp, tires, glass, and mirrors in 2013 and 2014.
- (3) VAMA supports IWVTA.

#### 7) SIAM

- (1) Imported vehicles with FOB value of US\$40,000 and above, or reaching capacity of 3000cc (for gasoline vehicles)/2500cc(for diesel vehicles), are exempted from type approval requirements.
- (2) India still to decide regarding accession to the 1958 Agreement, and hence the IWVTA related to this Agreement is unlikely to be implemented in India.

## 7) TTVMA

- 1) In the future the fuel efficiency regulation will be applied on manufacturers using Average Fuel Economy Limit.
- 2) TTVMA supports the IWVTA

## 8) JAMA

- (1) Japan will adopt UN-R13(Braking), R64(Temporary use tire), R121 (Control and Tell-tale) in 2013.
- (2) JAMA supports IWVTA.
- (3) In terms of industry effort toward technical harmonization, JAMA has participated, along with MLIT, in proposing revision of R34, R46, and R125, and also the discussion on testing mode under the WLTP.

## 9) AAF/TC3

- (1) AAF/TC3 presented the UN-R adoption situation in each ASEAN MRA Country
- (2) to facilitate smooth implementation of new regulations, the AAF/TC3 recommends “2+2 years” lead time, at least, from the release date of official gazette as a general guideline
- (3) The ACCSQ-APWG has noted the request of AAF/TC3 and TC5 on the acceptance of later/latest series of UNECE Regulations.

## **2.Result of RACE Meeting Discussion**

- 1) The possibility of using older version UN-R certificate is currently under discussion within WP29. If the motion is approved, more flexibility in technical requirements of UN-R certificate is expected, and such certificates are possible to be utilized by the ASEAN MRA which involved technical requirements of earlier series.
  
- 2) The industry supports the motion of establishing flexible IWVTA.
  
- 3) The principle of the 1958 agreement is to accept the latest UN-R.



5)The Meeting recommends the necessity of securing lead-time, and reiterates the following stance:

-Government authority should provide a lead time of 2 years (new model) plus 2 years (existing model) as a general guideline.

-As industry, we support the introduction of regulations that promote safety and environmental protection. However, to support such implementation, appropriate lead time is necessary.

**Thank You!**

**Our Asian Internationalization  
accelerates  
the worldwide  
Prosperous economy  
and Safe vehicle society**  
**[ with international Regulation and MRA  
of Components and Vehicles ]**



Public and Private Joint Forum in Asian Region  
Dec. 2012  
Mr. Kiminori HYODO



**My presentation Agenda**

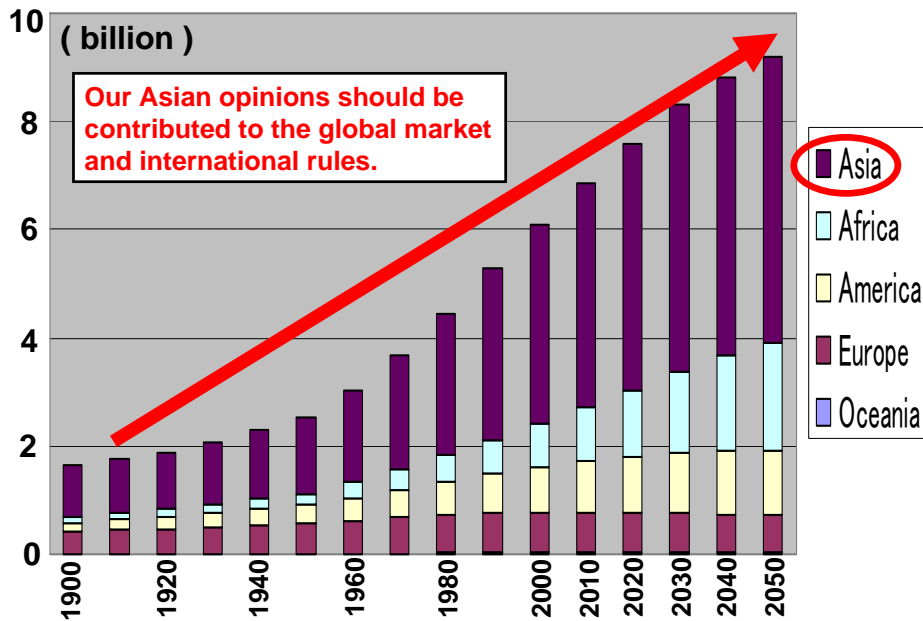
- 1- **Asian Power** in 21<sup>st</sup> Century
- 2- Internationalization accelerates **Asian Competitive Power**
- 3- The closest path for **Internationalization**
- 4- **Merits** of UN-Reg(1958 Agreement)
- 5- How about **current situation in Asia?**
- 6- Certification System of **Components and Vehicles**
- 7- Our **Collaboration** among Auto Parts Industries Associations In the world

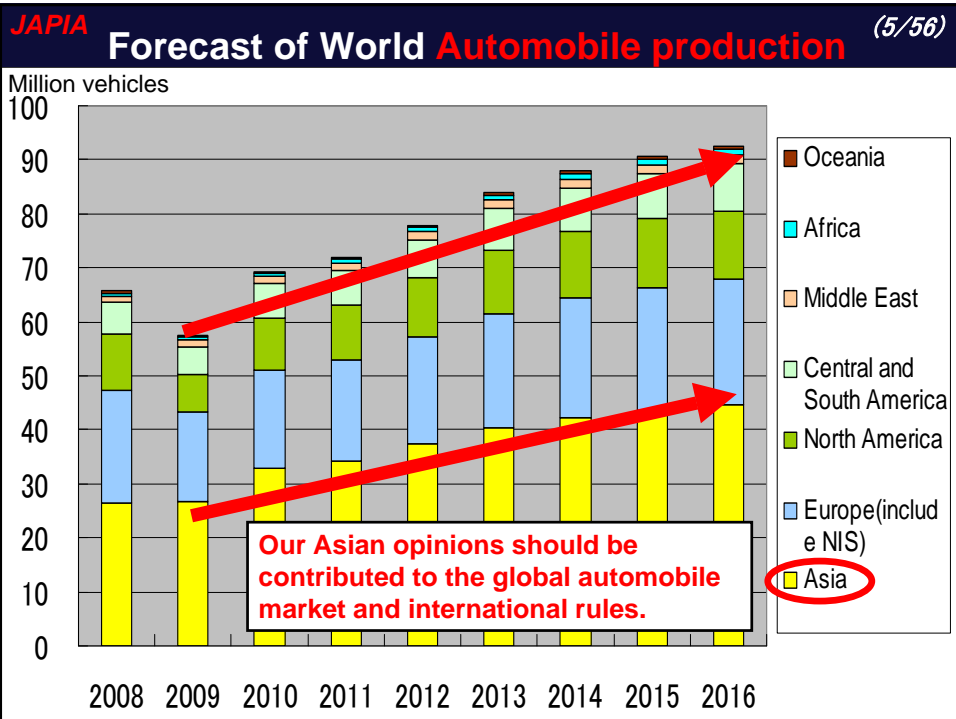


1-

# Our **Asian Power** in 21<sup>st</sup> Century

## Forecast of World **Population**





**JAPIA (6/56)**

**21<sup>st</sup> Century: *Motorization in Asia***

- Vehicle production in Asia will significantly increase in the years ahead

- Multi-polar production and local procurement of parts inside Asia
- A center of Automobile supply to Worldwide market

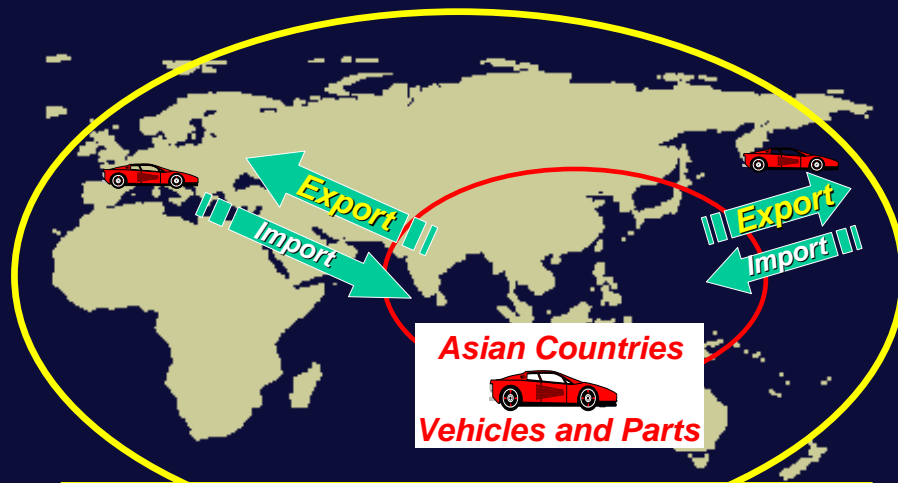


2-

**Internationalization**  
**accelerates**  
**Asian Competitive Power**

**Asian competitive power of**  
**Automobile industry**  
**will become stronger by**  
**the Internationalization of**  
**Regulation and Certification system**  
**of Vehicles and Components**



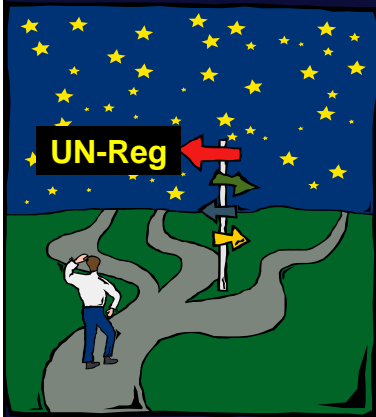


Common International **Regulation**(Requirement)  
and  
Common International **Certification system**



3-

**UN-Reg(1958 Agreement)**  
is **closest path**  
for  
**Internationalization**



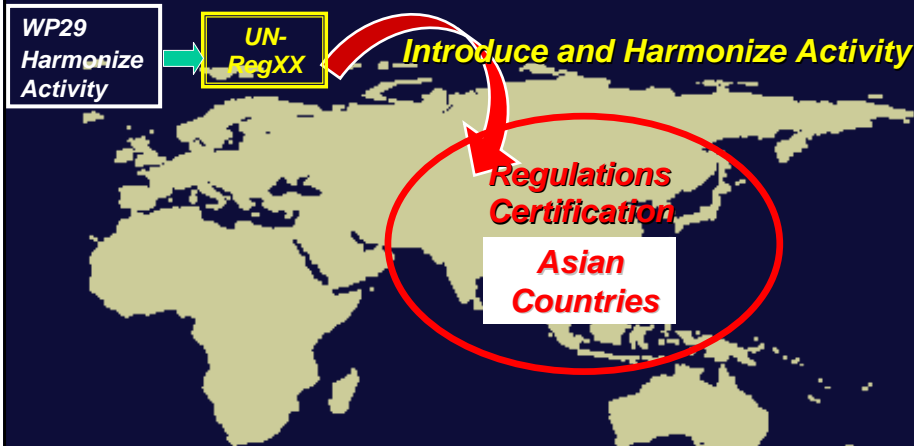
To guarantee Safety  
 To keep Environment  
 To do Worldwide business



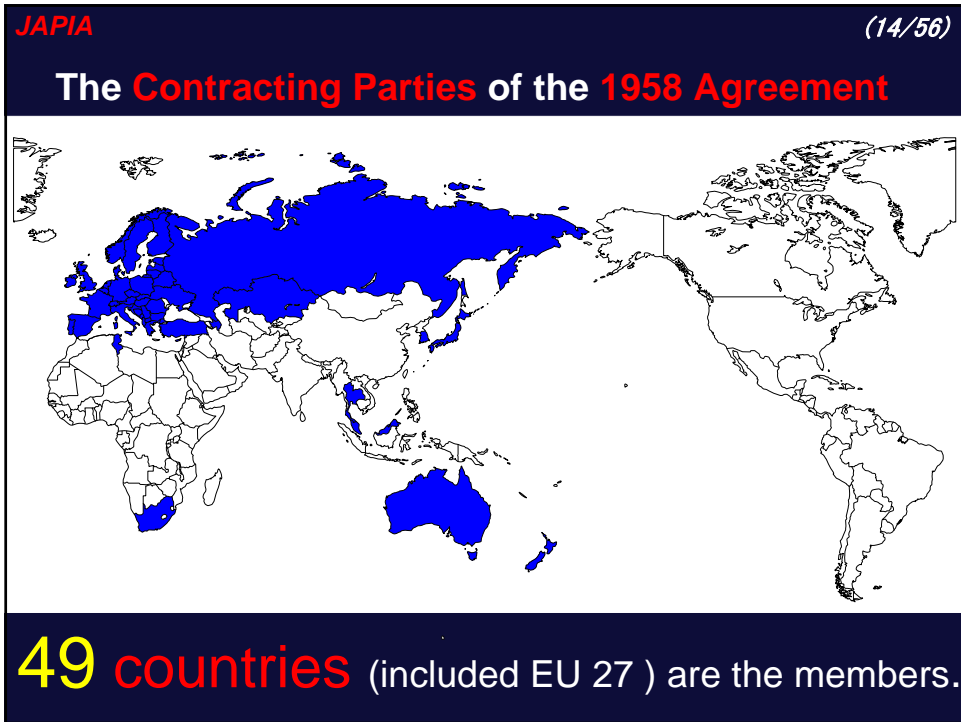
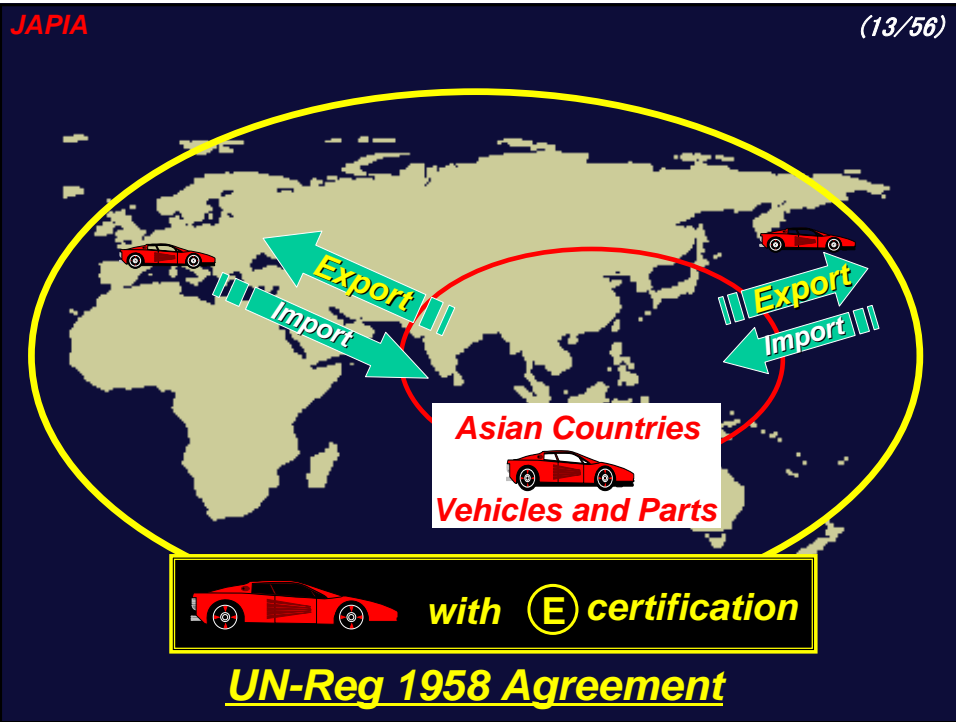
**UN-Reg(1958 Agreement)** is the most appropriate and closest path (**tool**) to **realize** our Asian internationalization and **competitive power** in worldwide market.

Regulations and Certification Systems:  
Expected Role of our Asia

- Internationalization for Reg & Certification
  - Harmonize Activity between Asian Countries Based on UN-Reg
  - Mutual recognition of Certification in Asia Based on 1958 Agreement



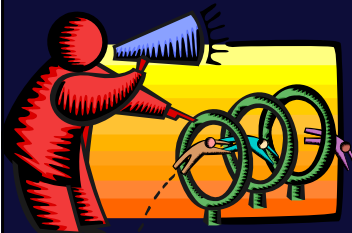






4-

## Merits of UN-Reg(1958 Agreement)



Let's review

### UN-Reg 1958 Agreement

**Aim :** To achieve *the safety vehicle society and prosperity in the world.*

**Methods :**

- 1) Harmonization of **Requirements**
- 2) **MRA**  
(Mutual Recognition of Approvals)

## **Benefit from Introduction of Technical Requirements of UN Regulation**

- **It is relatively easy to place products reflecting new technologies on the market.**
  - Technical requirements of UN Regulation are established at an international level.
- **Existing technologies can be also used continuously.**
- **Products with the same spec can be distributed to many countries.**
  - Technical requirements of UN Regulations are international and have been already accepted in many countries.
  - It will get easy to distribute vehicle equipment/parts, as international commodities.



**Many countries will benefit by technologies with an adequate level of safety/environmental performance.**

## **Benefit from Adoption UN Regulation/ Mutual Recognition of E-Approval**

- **if One certification (E-Approval) becomes sufficient as a proof of conformity to each domestic regulation by adopting UN Regulations, the placing on the market of vehicle equipment/parts, as international commodities, will get easier in each country.**
  - Overlap of tests and procedures for certification will be avoided.
  - That leads to lower costs.
  - End users in each country may be able to use vehicle equipment/parts in the same performance level.



**Those measures have great advantage for end users, as well as manufacturers.**



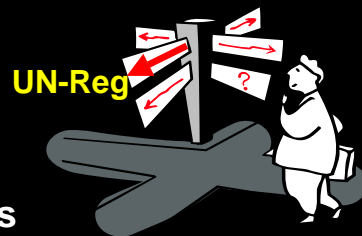
5-

# How about the current situation in our **ASIA**?

## How about the direction of current Asian situation ?



*To guarantee Safety  
To keep Environment  
To do Worldwide business*



**UN-Reg(1958 Agreement)** is  
the most appropriate and closest path (**tool**)  
to **realize** our Asian internationalization  
and **competitive power** in worldwide market.

# How about the direction of current Asian situation ?

## 1) Harmonization of Requirements

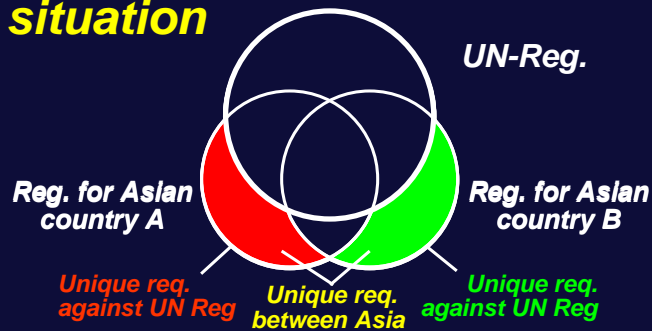


To guarantee Safety  
To keep Environment  
To do Worldwide business



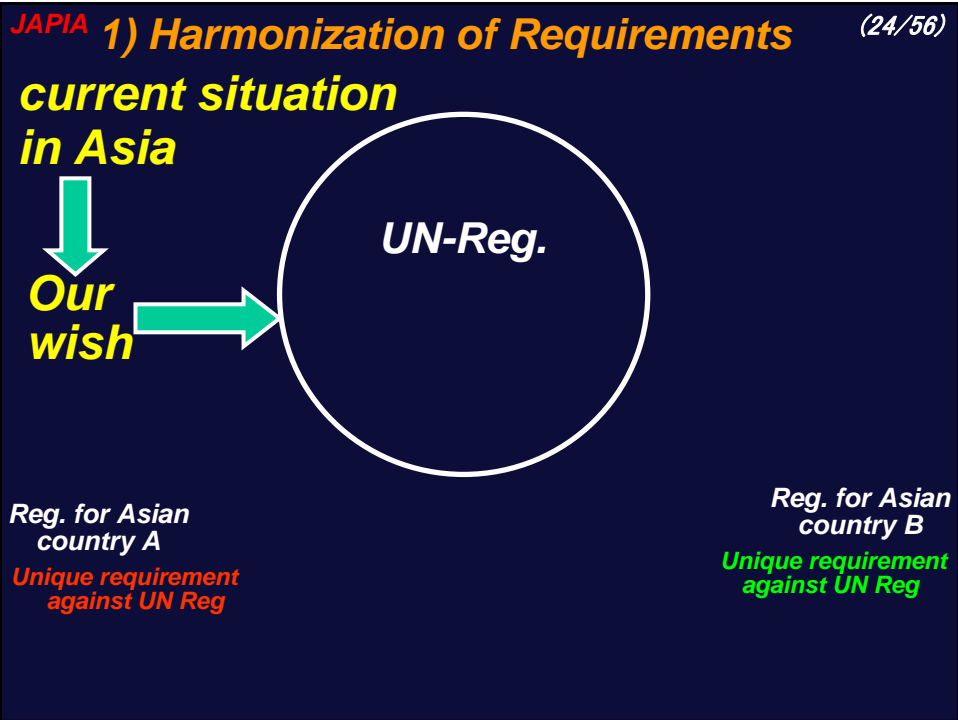
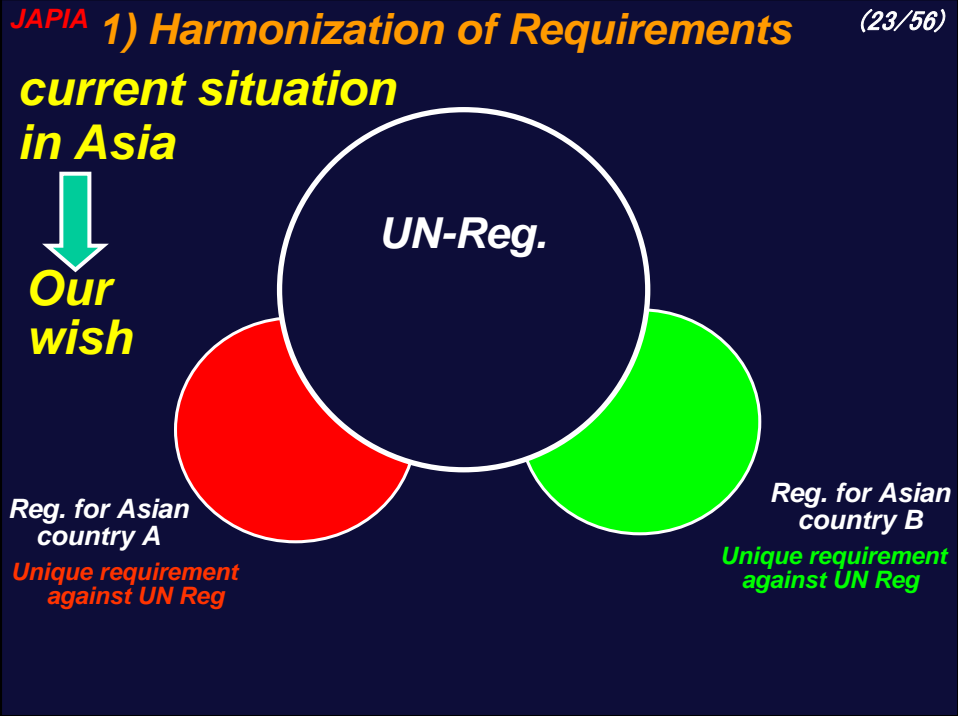
UN-Reg(1958 Agreement) is the most appropriate and closest path (tool) to realize our Asian internationalization and competitive power in worldwide market.

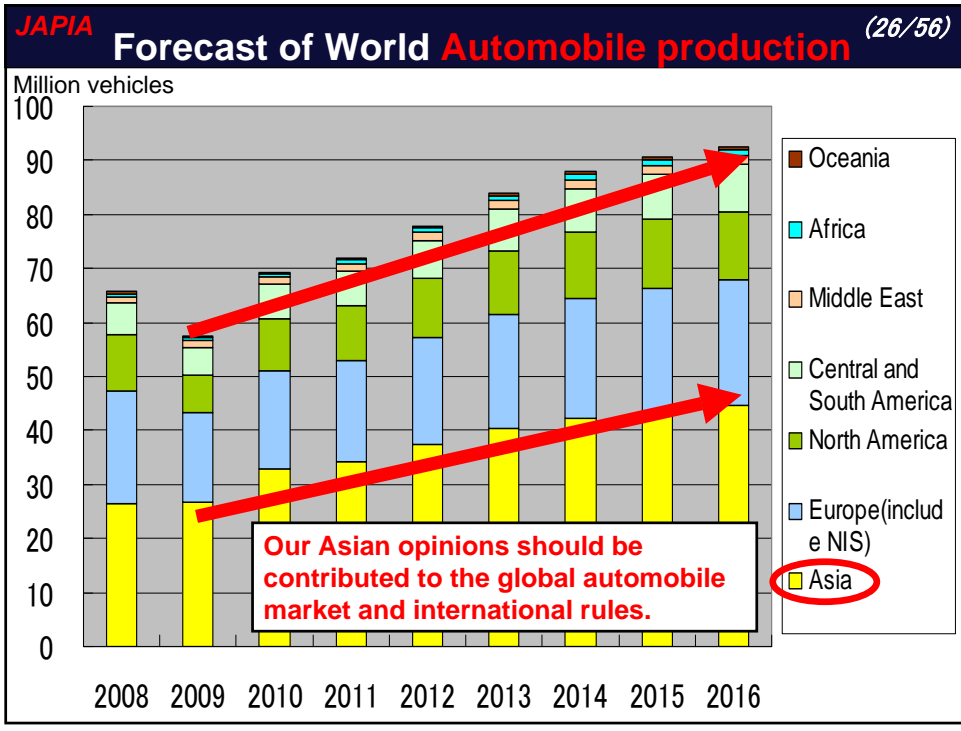
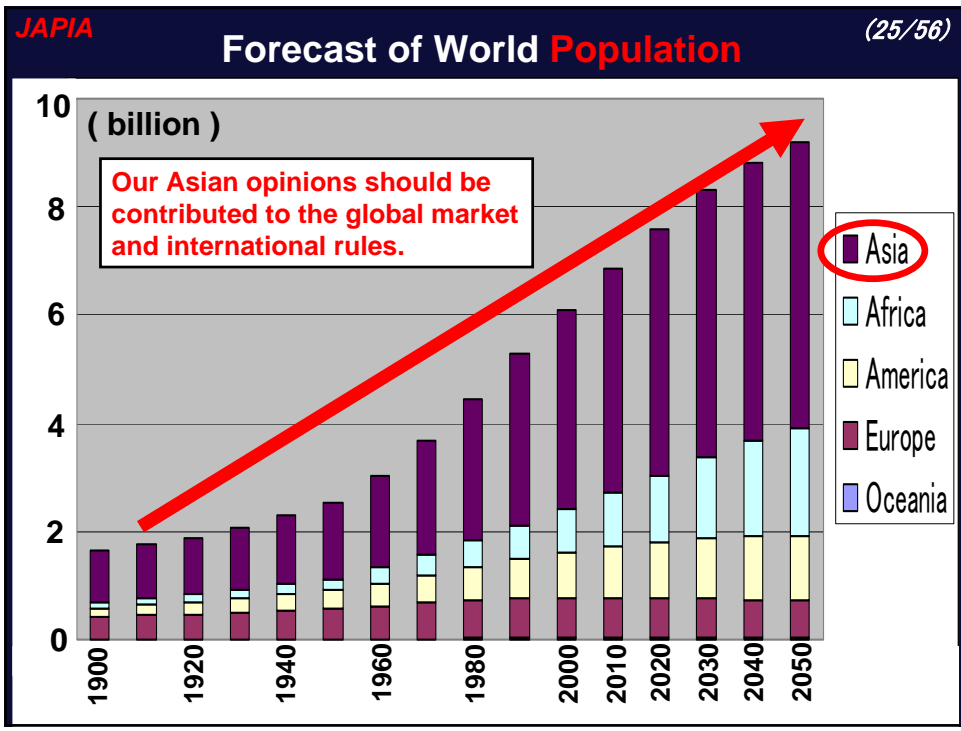
## 1) Harmonization of Requirements current situation in Asia



Our Asian countries should discuss the necessity of our unique requirements.

- 1) If they are reasonable, unique requirements may be remained.
- 2) If they are unreasonable, unique requirements should be harmonized.





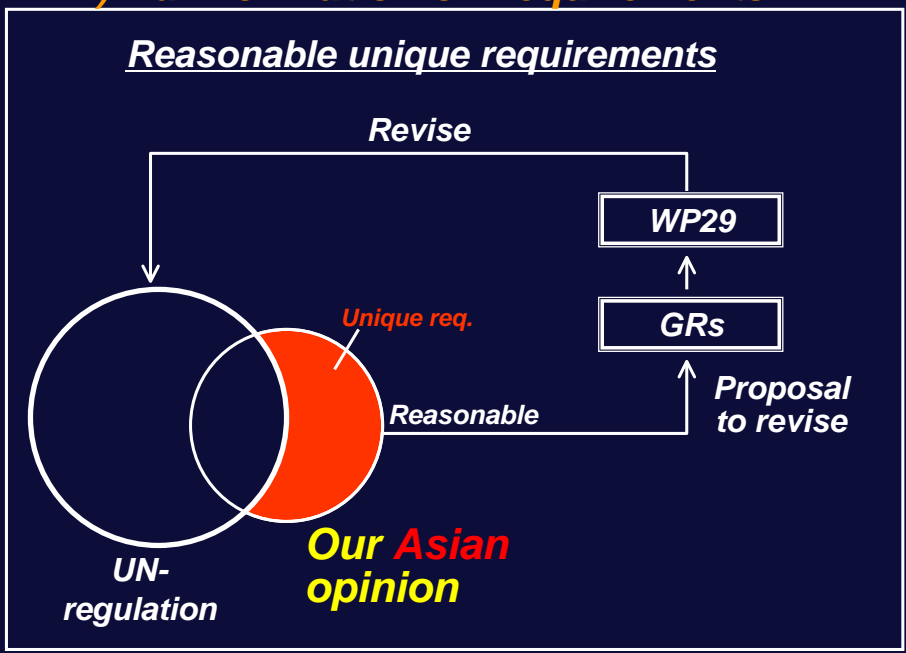
# Our **Asian Power** in 21<sup>st</sup> Century

Forecast of World **Population**  
Forecast of World **Automobile production**



**Our Asian opinions should be contributed to the global automobile market and international rules.**

## 1) **Harmonization of Requirements**





# How about the direction of current Asian situation ?

## 2) MRA (Mutual Recognition of Approvals)

To guarantee Safety  
To keep Environment  
To do Worldwide business

UN-Reg(1958 Agreement) is the most appropriate and closest path (tool) to realize our Asian internationalization and competitive power in worldwide market.

## 2) MRA (Mutual Recognition of Approvals)




**UN-Reg 1958 Agreement**

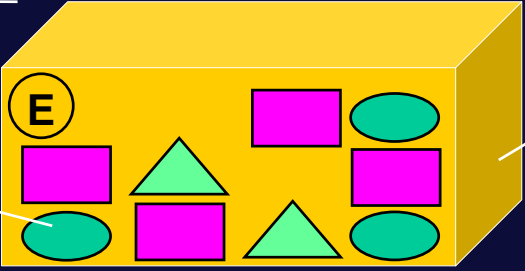
**E certification**

Some Individual certification systems in Asia countries



current situation in ASIA




| country | Individual certification | Individual marking  |
|---------|--------------------------|---|
| A       | yes                      |  |
| B       | yes                      |  |
| C       | yes                      |  |
| .       |                          |   |
| .       |                          |   |

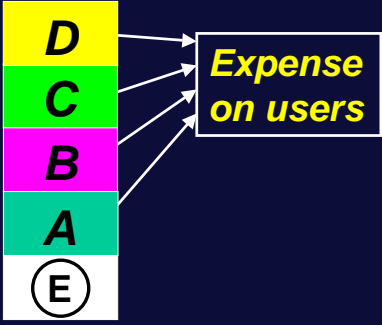
  


Individual approval marking

Component

current situation in ASIA

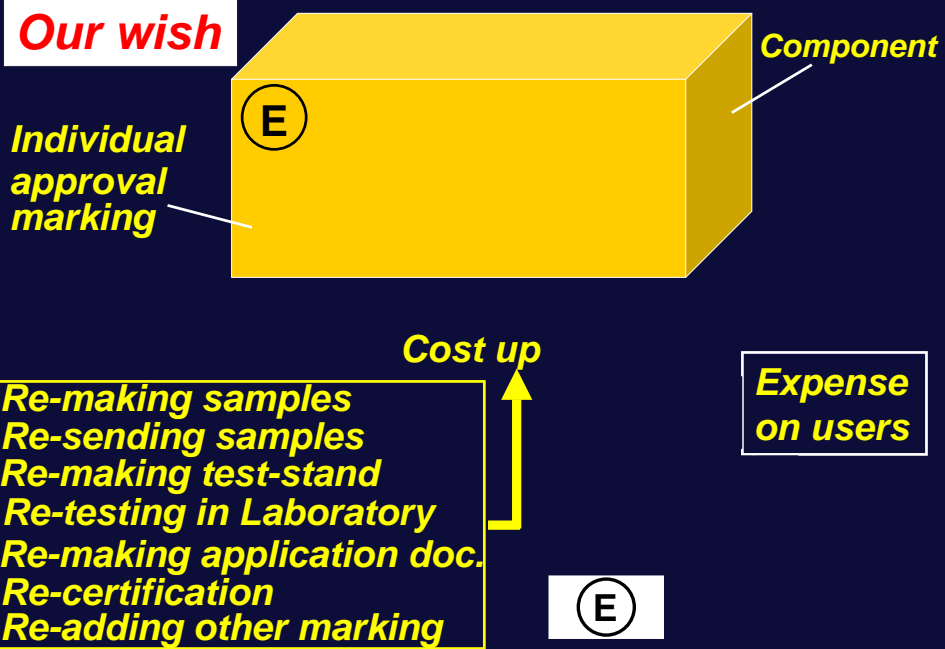
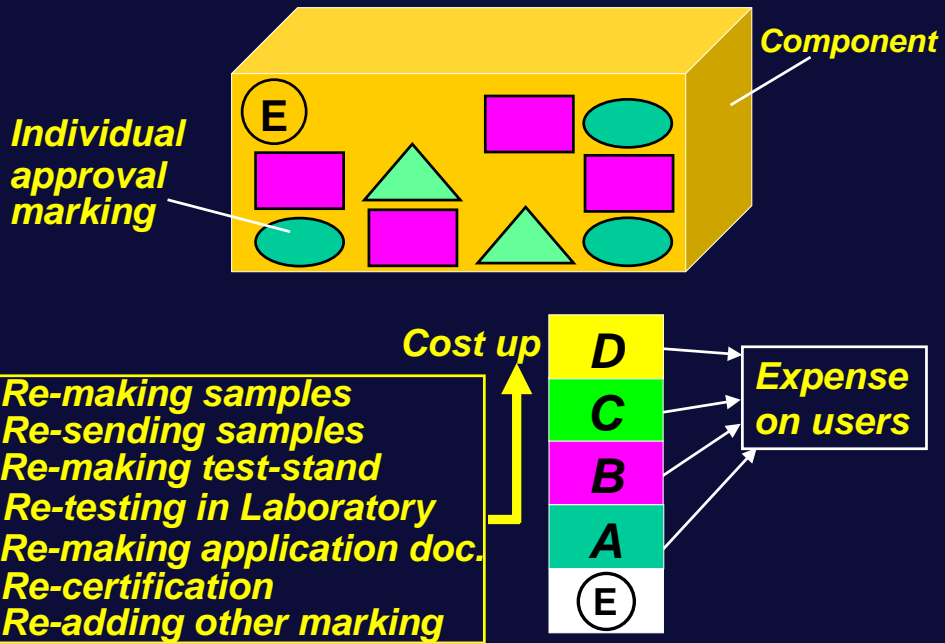
| country | Individual certification | Individual marking  |
|---------|--------------------------|---|
| A       | yes                      |  |
| B       | yes                      |  |
| C       | yes                      |  |
| .       |                          |   |

Cost up

Expense on users

- Re-making samples
- Re-sending samples
- Re-making test-stand
- Re-testing in Laboratory
- Re-making application doc.
- Re-certification
- Re-adding other marking





6-

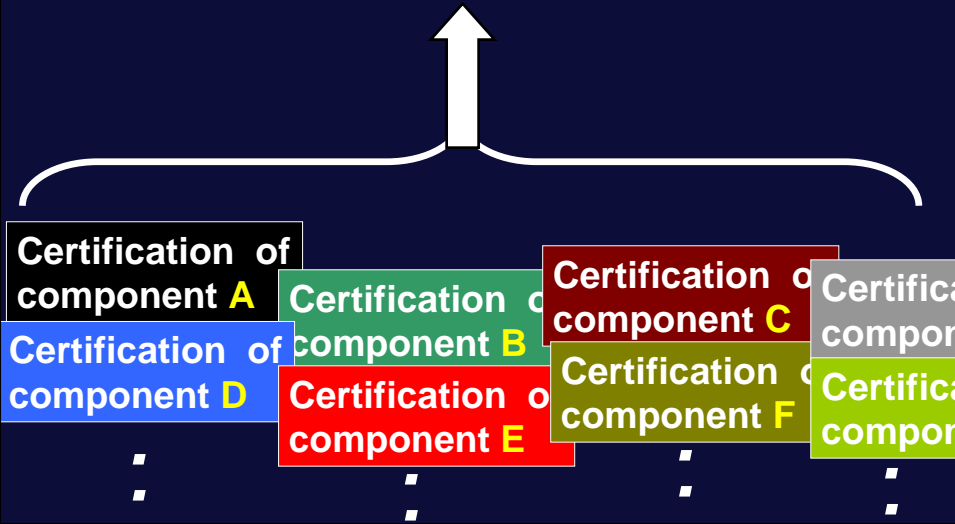
# Certification System of Components and Vehicles

Ideal certification system  
of **Components** and **Vehicles**



to realize  
our **Asian** internationalization  
and  
**competitive power in worldwide  
market**

# Certification of Vehicle



# Ideal certification system of **Components** and **Vehicles**

**Common International Regulation  
and  
Common International Certification**

**Imagine again**

~John Lennon~

*Imagine there's no heaven  
it's easy if you try  
no hell below us  
above up only sky  
imagine all the people  
living for today...*

*Imagine there's no countries  
it isn't hard to do  
nothing to kill or die for  
no religion too  
imagine life in peace...*

*Imagine no possessions  
I wonder if you can  
no need for greed or hunger  
a brotherhood of man  
Imagine all the people  
sharing all the world...*

*you may say I'm a dreamer  
but I'm not the only one  
I hope someday you'll join us  
and **the world will be as one***

**Thank you for your good remembrance this chart !**

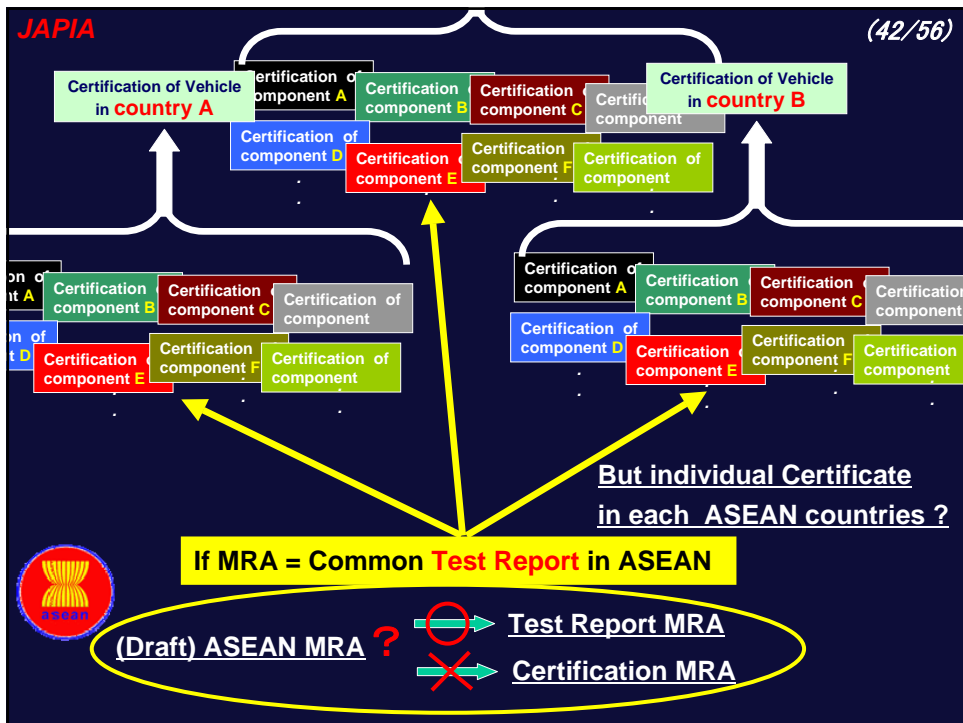
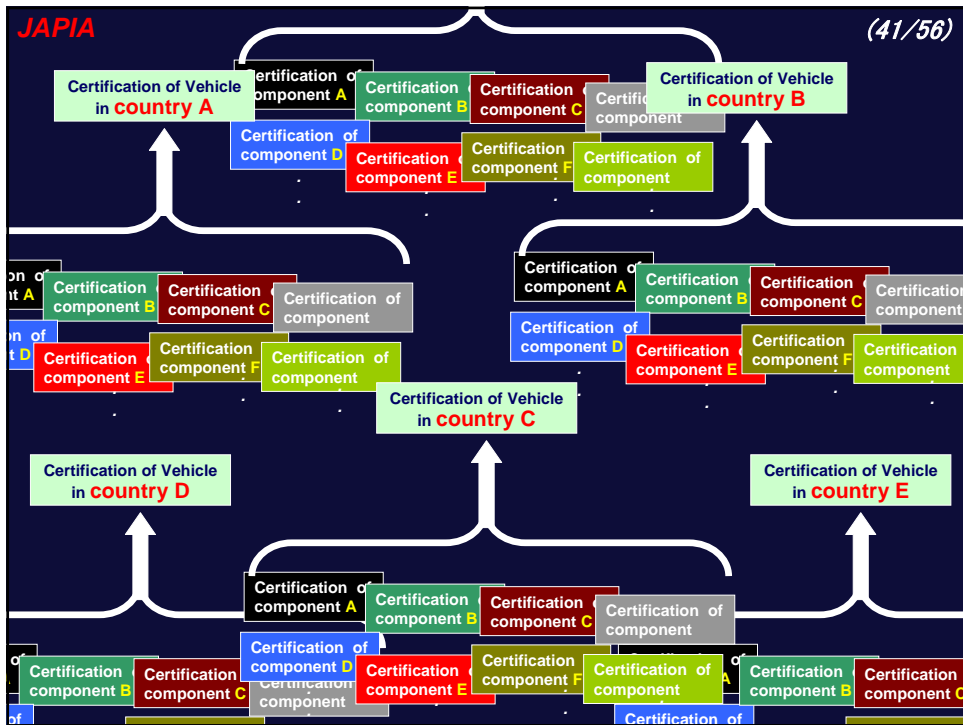
**Let's Imagine** ~ G / I meeting members ~

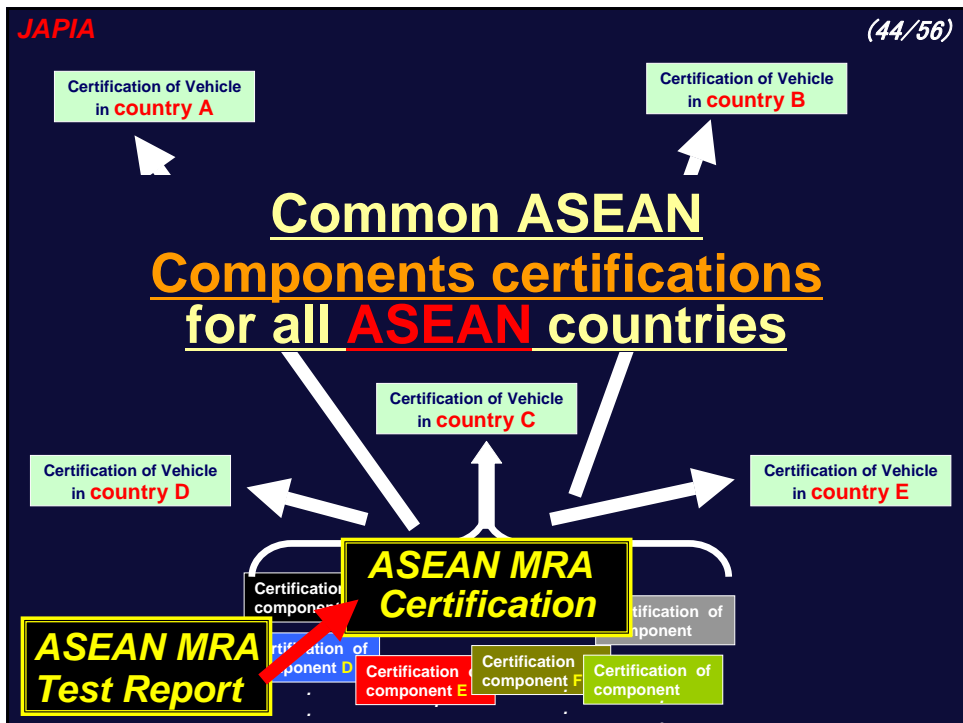
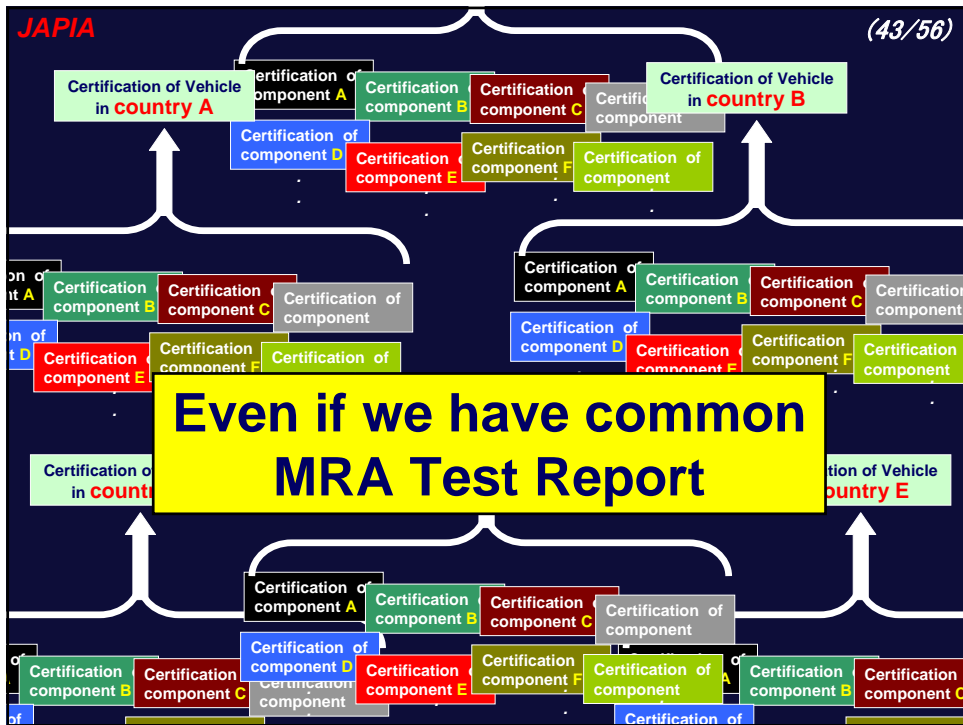
**If each countries has**

**Individual Test Report** (requirements)

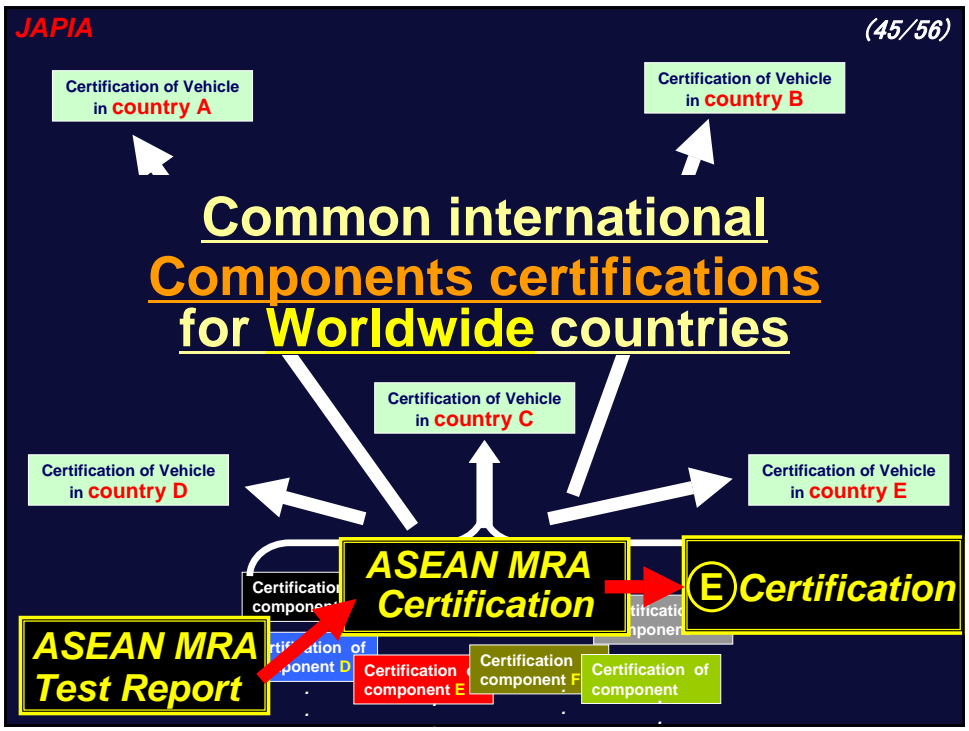
**and**

**Individual Certification system**









JAPIA 46/56

**If ASEAN MRA will be applied for only local manufactured products in ASEAN countries.**

**ASEAN MRA will be closed for the future to international business**

MYANMAR (ミャンマー)

LAOS (ラオス)

VIETNAM (ベトナム)

THAILAND (タイ)

CAMBODIA (カンボジア)

BRUNEI (ブルネイ)

PHILIPPINES (フィリピン)

MALAYSIA (マレーシア)

INDONESIA (インドネシア)

SINGAPORE (シンガポール)

(Draft) ASEAN MRA ?

- for local manufactured products
- for marketed products (local manufactured & imported)

JAPIA 47/56

**ASEAN MRA will be applied for the marketed products (local manufactured & imported)**

**ASEAN MRA will be open for the future to a center of International automobile supply to worldwide market**

Export / Import arrows are shown on the map.

ASEAN logo

(Draft) ASEAN MRA ?

- for local manufactured products
- for marketed products (local manufactured & imported)

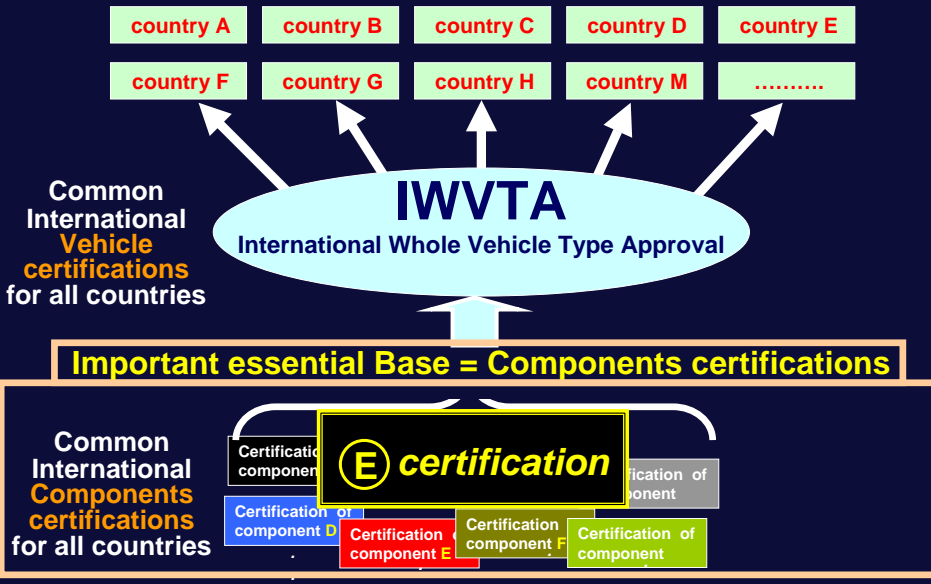
JAPIA (48/56)

## Let's promote MRA levels !

| Level | Classification | Contents of MRA   |
|-------|----------------|---|
| 1     | Certification  | <b>International MRA Certification</b><br>(UN-Reg 1958 Agreement)   |
| 2     | Certification  | <b>ASEAN MRA Certification</b><br>(Single unified certification in ASEAN)   |
| 3     | Certification  | <b>Country(A) accepts Country(B)'s certification but not as whole ASEAN MRA, and individual Certification in each country</b> |
| 4     | Test report    | <b>Test report MRA but individual Certification in each country</b>   |
| 5     | Information    | <b>Information sharing but individual Test report and Certification in each country</b>                                       |



### Common International certifications for all countries

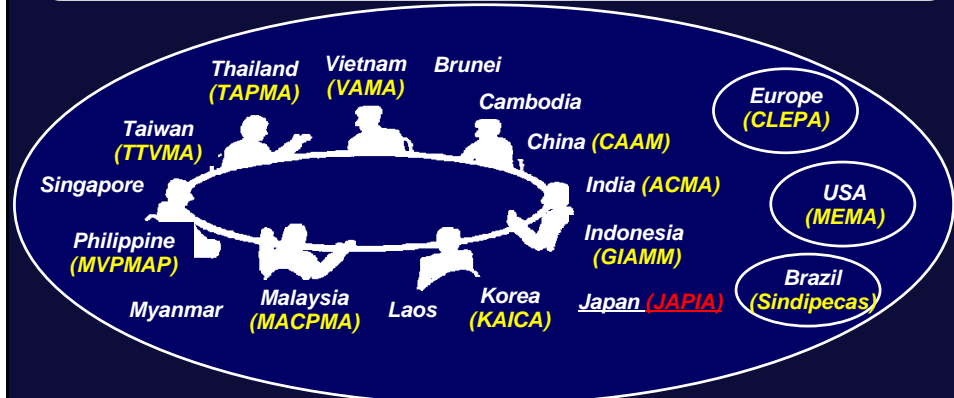


7-

## Our Collaboration among Auto Parts Industries Associations in the world

## We have close Collaboration among Asian Auto Parts Industries Associations

- Information exchange of regulatory matter in each country
- Technical discussion
- Harmonization activity based on UN-regulation



## JAPIA Summary ( Let's do ! )

*in order to achieve the safety vehicle society  
and prosperity in Asia, effectively.*

Finally,

To **contract 1958 agreement** and **accept UN-Regs (MRA)** as many as possible,

In transitional period\*,

\*: Until the completion to contract the agreement or to accept the UN regs

- 1) To **accept UN-Reg approvals (E)** (top priority)
- 2) To refer **UN-Regs into their national regulation** as alternative, or
- 3) To **harmonize requirements** with UN-Reg as soon as possible.

**Safety  
Driving**

**Comfortable  
Driving**

**Keep  
Environment**



**The same issue in the world**



***Let's challenge together  
harmonization activity  
for Requirement and MRA in Asia***

***Thank you for your attention***

**JAPIA**



# Debriefing session and discussion for WP29

Mr. Ushio Ueno  
Executive Director,  
Japan Automobile Standards  
Internationalization Center (JASIC)

# **Recent matters on WP29**

**Ushio UENO**





**Chairman :** Mr. B. Gauvin (France )

**Vice Chairman :** Mr. B. Kisulenko (Russian federation )

## List of participants

### Government :

Australia; Austria; Belgium; Bosnia and Herzegovina;  
Canada; **China**; Croatia, Czech Republic; Denmark;  
Estonia; Finland; France; Germany; Hungary; **India**; Italy,  
**Japan**; Latvia; Luxembourg; Netherlands; Norway; Poland;  
**Korea**; Romania; Russian Federation; Slovakia; **Colombia**,  
South Africa; Spain; Sweden; Switzerland; UK; US; EU

### Non Government :

ISO, AIT/FIA, OICA, IMMA, CLEPA, ETRTO, CITA etc.

# Chairman/Vice-Chairman of WP29/GR

**Asian countries will become Vice-Chairman of GR**

| Meeting               | Chairman | Vice-Chairman     |
|-----------------------|----------|-------------------|
| WP29                  | France   | Russia            |
| GRRF (Brake)          | UK       | Japan             |
| GRB (Noise)           | France   | Russia            |
| GRE (Lamp)            | Canada   | (To be confirmed) |
| GRPE (Emission)       | Germany  | India             |
| GRSG (General Safety) | Italy    | Hungary           |
| GRSP (Passive Safety) | USA      | Korea             |

# Recent GR's Sessions

## GRRF (Brakes and running gear)

- ◆ Proposal on Lane Keep Assist System (LKAS) and Parking Assist System (PAS) will be proposed soon by Japan
- ◆ R30, 54: definition of snow tire

## GRB (Noise)

- ◆ Further amendment of Noise regulation (R41 and R51)

## GRSG (General Safety)

- ◆ Amendment on R34 and R46 will be proposed soon by Japan
- ◆ R46 camera, monitor system (ISO discussion first)
- ◆ R43 plastic glazing

**Regulation on new technology, and Amendments of Regulations for IWVTA are discussed.**

# New regulations agreed

## New regulation for Advanced Emergency Braking Systems (**AEBS**)

Radar or Laser systems detect if vehicle in front is too close

Brakes may be applied automatically if necessary



## New regulation for Lane Departure Warning Systems (**LDWS**)

System warns when driver is crossing road markings

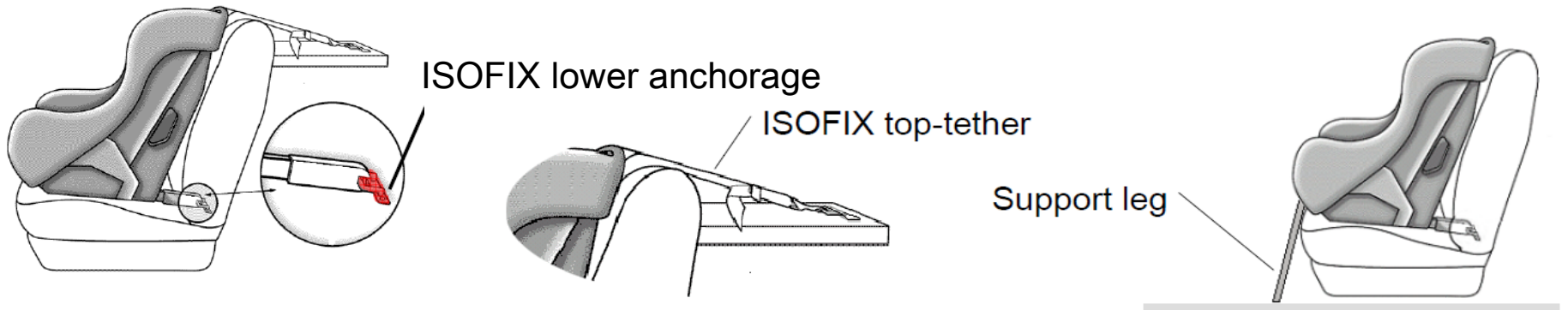
Can also warn when there is a vehicle in the adjoining lane.



# New regulations agreed

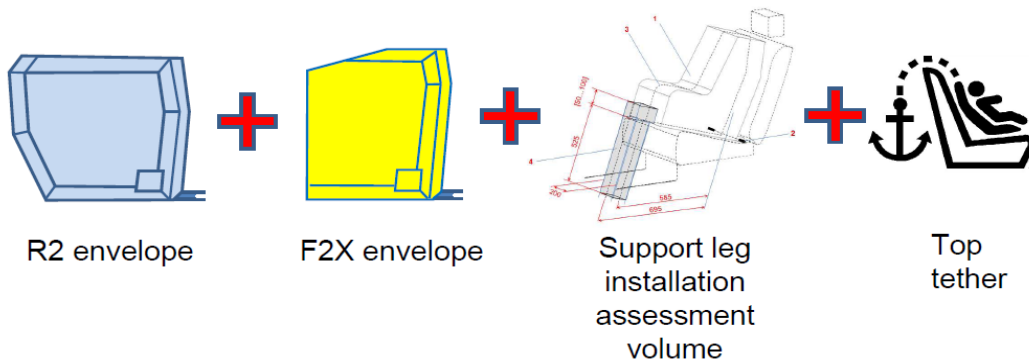
## New regulation for **CRS** (ISOFIX universal Integral CRS)

ISOFIX Child Restraint System

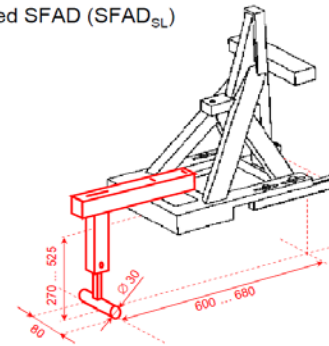


UN R14, 16 are also amended with new CRS regulation

Ensure installation of



Modified SFAD (SFAD<sub>SL</sub>)



# Agreed amendments of ASEAN 19 UN Regulations

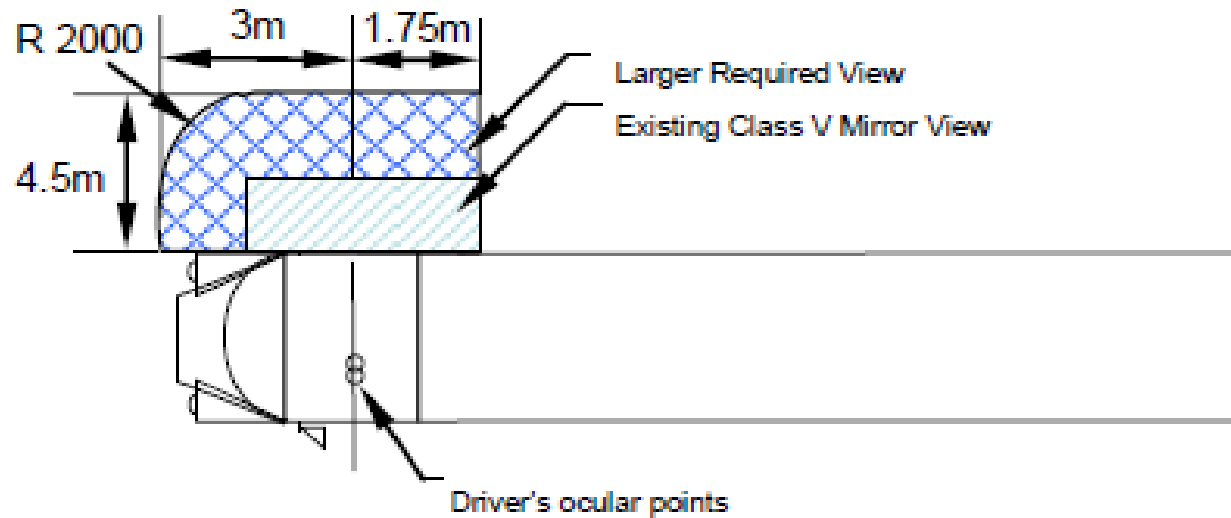
| Reg. No           | Regulation                       | Document No.<br>ECE/TRANS/WP.29/ | Contents  |
|-------------------|----------------------------------|----------------------------------|---|
| R14-07<br>Supp.4  | Safety belt anchorages           | 2011/97, 42                      | Clarification, and Add requirements for new CRS |
| R16-06<br>Supp.3  | Safety belts                     | 2012/43                          | Add requirements for new CRS                    |
| R46-04            | Devices for indirect vision      | 2012/87                          | (See next slide)                                |
| R49-06<br>Supp.1  | Emissions of LPG and CNG engines | 2012/103, corr.1                 | Add dual fuel engine requirement                |
| R83-06<br>Suppl.3 | Emissions of M1 & N1             | 2012/104,105                     | Review definition of gas fuel vehicles          |



**Need to follow amendment of UN regulations**

# Agreed amendments of ASEAN 19 UN Regulations

## UN R46-04 (Devices for indirect vision)



Requiring larger required view of Class VI mirrors for N2 and N3 vehicles.

## Other topics at WP29

### **Proposals of new GTR**

- Hydrogen and Fuel Cell Vehicles (HFCV)
- Tyres
- Worldwide harmonized Light Vehicle Test Procedures (WLTP)
- Pole Side Impact (PSI)
- Electric Vehicles (EV)
- Quiet Road Transport Vehicles (QRTV) .....

### **New approach to lamp regulations**

Consolidate current 47 lamp component regulations to 11 regulations  
Change to Performance-base requirements



# Summary

- **Many new UN Regulations** and GTR are (and will be) established  
CRS, AEBS, LDWS....

- **19 UN Regulations (ASEAN to introduce) are always updated**

UN R13, 13H, 14, 16, 17, 25, 30, 39, 40, 41, 43, 46, 49, 51, 54, 60, 75, 79, 83

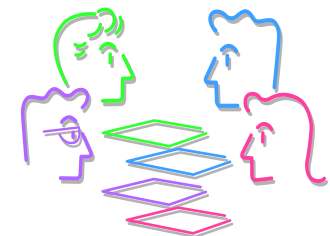
■ : UN Regulation amendments agreed at 157<sup>th</sup> WP29

■ : UN Regulation amendments agreed at 158<sup>th</sup> WP29

- **1958 agreement will be revised** to be more attractive to the countries other than Europe, and **IWVTA** Regulation will be established.

**Need to follow up WP29 discussion**

**Need to exchange information and study about WP29 topics in Asia**





# Discussion for the future Forum based on 6th series

**Coordinator:**

**Mr. Takaki Kasai**

**Co-Chairman, International Cooperation  
Committee, JASIC**

---

# Roadmap of the 6<sup>th</sup> Series

## Public and Private Joint Forum in Asian region

---

Takeshi Ishikawa  
Chairman, International Cooperation Committee



Japan Automobile Standards Internationalization Center  
<http://www.jasic.org>

# The 6<sup>th</sup> Series



- New Theme:

- Promotion of the International Whole Vehicle Type Approval (IWVTA) concept under the UN Regulation framework for realizing harmonization of regulations and establishing Mutual Recognition of Approvals (MRA) in the region

- Period:

- 5 years from 2011 to 2015

# The 6<sup>th</sup> Series



## ■ Objectives

- ① To establish **a cooperation system** for further international harmonization activities so that each Asian economy understands the WP29 activities and the merits of accession to the 1958 Agreement through the Public and Private Joint Forum.
- ② To coordinate and communicate **integrated Asian voice to WP29** for development of the IWVTA and technical regulations.
- ③ To promote understanding on the IWVTA concept for development of **the regional common Whole Vehicle Type Approvals system** through the ASEAN MRA activities.

# Roadmap of the 6<sup>th</sup> Series



## ■ Objectives

- ① To establish a **cooperation system** for further international harmonization activities so that each Asian economy understands the WP29 activities and the merits of accession to the 1958 Agreement through the Public and Private Joint Forum.

| 【Measures】  | Fiscal Year (Apr. ~ Mar.)   |  |   |  |      |
|---|---|--|---|--|------|
|   | 2011  | 2012   | 2013  | 2014   | 2015 |
| Establish a new function of public and private joint forum led by each Asian economy's government / industry organizations <ul style="list-style-type: none"> <li>□ Establish a framework that enables us to share <b>the Asian fundamental policy</b></li> <li>□ Establish a cooperative network that enable <b>the unification of Asian economy's opinion</b></li> <li>□ With the expansion of contracting parties of 1958 Agreement in the region, establish a task force for discussion of <b>common issues on harmonization of regulations and certification system</b></li> </ul> | Preparation step for membership<br><br>Agree on the Roadmap   | Establish a framework for discussion on fundamental policies | Step of participation and the expansion of adoption<br><br>Consider cooperative network vision (vision of a new Public and private joint forum) | Step of subjective participation for WP29<br><br>Hold a new function forum by Asian economy initiative |      |
|   | Encourage non- 58 agreement member country to participate in WP29<br><br>Technical understanding activities by expert meeting |  |   |  |      |

# Roadmap of the 6<sup>th</sup> Series



## ■ Objectives

- ② To coordinate and communicate **integrated Asian voice to WP29** for development of the IWVTA and technical regulations.

| 【Measures】   | Fiscal Year (Apr. ~ Mar.)   |  |   |   |      |
|--|---|--|---|---|------|
|  | 2011  | 2012   | 2013  | 2014  | 2015 |
| <ul style="list-style-type: none"> <li>■ Ideal revision on current 58 agreement for the sake of Asian economy's positive participation to refer better proposal into WP29 and reflect the Asian opinion for WP29 as necessary</li> <li>■ Consideration of Ideal IWVTA so that Asian economy can make positive adoption and reflect the Asian opinion for WP29 as necessary</li> <li>■ In response to the current technology level, consider the requirement and the technology level suitable for Asian economies and <b>reflect the Asian opinion for WP29 as necessary</b></li> <li>■ Discuss about "Advanced technology" related to the future technical regulations</li> </ul> | Understanding of Agreement, Technical regulations, Type approval system<br><br>Agree on the Roadmap | Consolidate Asian economy's issues<br><br>Consider the issues which were discovered during "Reflection for WP29 " activities | Step of accession and the expansion of adoption | Step of subjective participation for WP29<br><br>Create /submit Asian cooperative proposals to WP29 |      |

# Roadmap of the 6<sup>th</sup> Series



## ■ Objectives

- ③ To promote understanding on the IWVTA concept for development of **the regional common Whole Vehicle Type Approvals system** through the ASEAN MRA activities.

| 【Measures】   | Fiscal Year (Apr. ~ Mar.)   |   |   |  |      |
|--|---|---|---|--|------|
|  | 2011  | 2012                                      | 2013  | 2014   | 2015 |
| <p>■ Consideration of <b>harmonized vehicle type approval system suitable for ASEAN</b></p> <ul style="list-style-type: none"> <li>□ Understanding of IWVTA concept</li> <li>□ According to IWVTA and suitable for ASEAN, consideration of;                             <ul style="list-style-type: none"> <li>■ Vehicle type, category, etc.</li> <li>■ Applicable regulation items</li> <li>■ Requirement and technology level</li> <li>■ Step by step consideration of expansion of required items</li> </ul> </li> <li>□ Consideration of minimization with unique requirements</li> </ul> | <p>Understanding of IWVTA concept, summary of ASEAN issue</p> <p>Agree on the Roadmap</p> | <p>Consolidate Asian economy's issues</p> | <p>Step of vision of harmonized vehicle type approval system</p> <p>Consider the issues which were discovered during "Consideration of ASEAN harmonized vehicle type approval system"</p> | <p>Formulation and proposal</p> <p>Formulate ASEAN harmonized vehicle type approval system</p> |      |



Thank you for your kind attention



**BRIEFING OF**  
**PROPOSAL FOR PUBLIC / PRIVATE**  
**JOINT FORUM AFTER 2015**

**AUTOMOTIVE ENGINEERING DIVISION**  
**ROAD TRANSPORT DEPARTMENT OF MALAYSIA**



# ORGANIZER (SECRETARY COUNTRY)



## Current Situation

1. Sponsor : MLIT / JASIC
2. Secretariat : JASIC Members & Host Country
3. Meeting Place : ASEAN Countries (Rotation)

## After 2015

1. Maintain but ASEAN Secretariat may assist

# PARTICIPATION AFTER 2015



- 1<sup>st</sup> day: **ASEAN Technical committee** by the public sectors : ASEAN 10 countries, ASEAN secretariat, Japan
  - Discuss and share a basic policy for WP29 as ASEAN
  - Discuss about ASEAN policy for international harmonization of regulation and mutual recognition of approval
  - When a technical expert meeting is necessary, investigate to hold a meeting individually
  
- 2<sup>nd</sup> day: **Whole Asian public / private joint forum** : including China, Chinese Taipei, Hong Kong, India, Korea, & private sectors
  - Discuss about international harmonization of regulation and mutual recognition of approval

# MEETING FREQUENCY



- ASEAN technical committee: 1 time/year (if necessary, hold it more)
  - About an individual technical expert meeting: Hold it depending on the necessity
  - Because it is difficult to investigate all WP29 agenda, refine the items with Asian interest and discuss continuously
- Whole Asian public / private joint forum : 1 time/year



**THANK YOU**





# Debriefing session and discussion for the 1958 Agreement and IWVTA

Mr. Johan Renders  
European Union

Mr. Takao Onoda  
Director, MLIT, Japan



DG Enterprise and Industry

# Review of the 1958 Agreement objectives & perspectives

Johan RENDERS

Legislative Officer

Sustainable mobility &  
Automotive Industry Unit



*Department of Transportation and Communications*

**LAND TRANSPORTATION OFFICE**



**3rd Public and Private Joint Forum in Asian Region  
17th JASIC ASIA Government / Industry Meeting  
December 4-6, 2012, Manila-Philippines**



Ministry of Land, Infrastructure, Transport and Tourism





## objectives of the 1958 Agreement review

**Maintain robust & reliable  
international framework,  
ensuring high level  
of safety &  
environmental  
protection**



**Accommodate  
the needs of  
emerging  
countries**

## Proposed actions to make 1958 Agreement more attractive:

### *What will be maintained?*

- ✓ Countries which are using self-certification in their national legislation, are not prevented from becoming Contracting Party to the 1958 Agreement and to apply its UN Regulations
- ✓ Application of UN Regulations nationally is not related to the existence of a type approval system.
- ✓ The rights of new Contracting Parties to the 1958 Agreement to declare that they will not apply certain Regulations or any of them.
- ✓ Right to start applying a Regulation at a later stage
- ✓ Right to cease application of a Regulation

## Proposed actions to make 1958 Agreement more attractive:

### *What will be new?*

- ✓ Address the need for accommodating **different levels of stringency** in the application of UN Regulations by creating the **possibility for Contracting Parties to issue and accept type-approvals according to earlier versions of UN Regulations**
- ✓ **Flexible voting procedure:** a Contracting Party can **delegate in writing its presence** for the purpose of the determination of the quorum **and the right to vote on its behalf to another Contracting Party** or regional economic integration organization to which the delegating CP belongs.

## Proposed actions to make 1958 Agreement more attractive:

*What will (need to) be confirmed/clarified?*

- ✓ the **principle of mutual recognition** of type-approvals:  
CPs applying a Regulation cannot be obliged to accept type approvals issued pursuant to earlier versions of UN Regulations  
+  
CPs issuing type approvals pursuant to earlier versions of UN Regulations cannot refuse type approvals issued pursuant to the latest version of these UN Regulations
  
- ✓ **special character of Regulation R0 on IWVTA** (depending on the approach to be selected for the **flexibility scheme**).

## Proposed actions to make 1958 Agreement more attractive:

### *Rights and Obligations of Contracting Parties applying a UN Regulation*

- ✓ all CPs applying a UN Regulation have to accept type-approvals based on the latest version of that UN Regulation
- ✓ all CPs applying a UN Regulation are entitled, when complying with the competence criteria in Article 2, to issue type approvals pursuant to the latest version of that UN Regulation
- ✓ all CPS applying a UN Regulation have the right to participate in the preparation and voting of future amendments to that UN Regulation
- ✓ **a CP applying a UN Regulation may also issue type-approvals pursuant to earlier versions of the UN Regulation (i.e. to preceding amendments or to the unamended UN Regulation), but other CPs applying the same UN Regulation cannot be obliged to accept such type-approvals**

## Proposed actions to improve the functioning and reliability of the 1958 Agreement:

- ✓ **Article 1:** clarification of **what UN Regulations shall cover (performance oriented requirements)**
- ✓ **Article 2:** clearer and enhanced **conditions to issue type-approvals**  
+ more detailed provisions on **Conformity of Production** (Appendix 2)  
+ inclusion of **criteria for technical services** in Appendix 2
- ✓ **Article 3:** clarification of the **principle of mutual recognition of type-approval certificates**
- ✓ **Article 4:** extended **safeguard provisions**, in particular with regard to approved vehicles which nevertheless presenting a serious risk

## Proposed actions to improve the functioning and reliability of the 1958 Agreement:

- ✓ **Article 10:** how to solve **diverging interpretation issues between CPs** concerning the application of UN Regulations (details in Appendix 2)
- ✓ **Article 11:** consider appropriateness of **maintaining the exclusion clause**
- ✓ **Article 12:** clarification of **transitional provisions**, in particular in view of the **possibility to issue type-approvals pursuant to earlier versions of UN Regulations**
  - + special amendment procedure for **new technologies**
- ✓ **Article 13:** flexible amendment procedure for Appendix 2

## Proposed actions to improve the functioning and reliability of the 1958 Agreement:

- ✓ **Appendix 1:** possibility for CPs to vote by delegation  
+ flexible amendment procedure for Appendix 2
- ✓ **Appendix 2:** more detailed provisions on **Conformity of Production**
  - + inclusion of **criteria for technical services**
  - + **how to apply for and how to conduct type-approval, as well as how to amend type-approvals**
  - + procedures for **resolving interpretation issues**
  - + special amendment procedures for **new technologies**
  - + general conditions for **virtual testing**





## Next steps :

- ✓ Consider feedback from the 3rd Public and Private Joint Forum in Asian Region
- ✓ Next drafting subgroup meeting on 22 + 23 January 2013 in Tokyo
- ✓ Meetings of IWVTA group and drafting subgroups from 6 to 8 March 2013 (Paris) to prepare submission of drafting proposals to WP.29-159
- ✓ Discussion in WP.29-159 with feedback to IWVTA group and drafting subgroup for finalising the draft proposal for the review of the 1958 Agreement



# Consideration of Flexible IWVTA Scheme

---

The 3<sup>rd</sup> Public and Private Joint Forum in Asian region  
December 2012

**Takao Onoda**

Director for International Affairs Office,  
Engineering Policy Division  
Road Transport Bureau, MLIT, Japan



## 《UN Regulation No.0 on IWVTA》

- Outstanding Issue: two different approaches for flexible IWVTA scheme

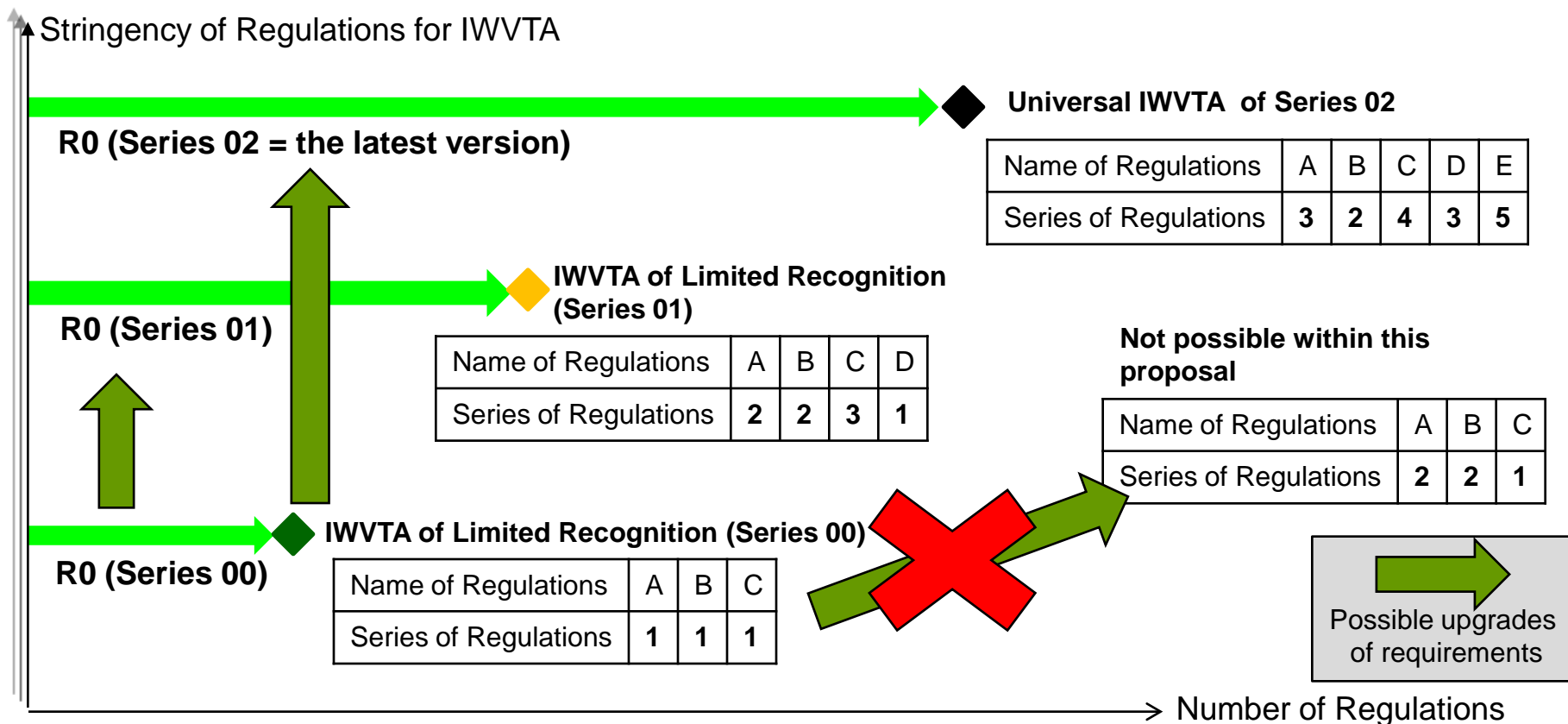
### Proposal using series of amendments to represent levels of stringency

- A CP can choose IWVTAs it will accept from IWVTAs based on existing versions of R0.
- IWVTA of limited recognition is implemented using previous series of amendments of UN R0.
- The level of stringency and the number of regulations required within an IWVTA of limited recognition can be upgraded only by going to the next (predefined) series of amendments thus providing very little flexibility to each CP.

### Proposal allowing for different levels of stringency within a series of amendments (proposal by OICA )

- A CP can notify that it will accept any combination of versions of individual Regulations included in R0 within an IWVTA of limited recognition.
- The flexible IWVTA scheme proposed by OICA provides the possibility to issue IWVTA with limited recognition. For that aim it is necessary to stipulate a special consideration on the acceptance or refusal of IWVTA of limited recognition in the 58 Agreement.

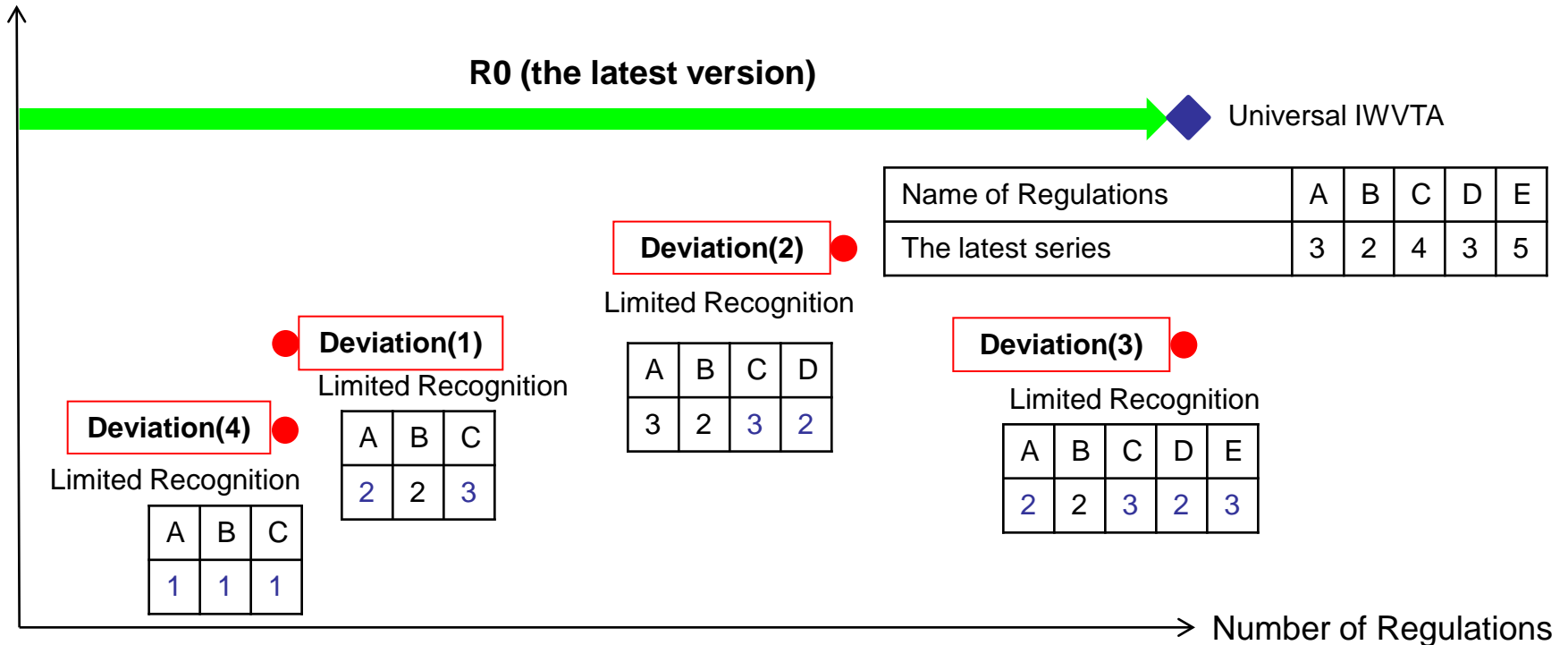
## Proposal using series of amendments to represent levels of stringency (image)



- The principle of the 1958 Agreement that a CP applying a Regulation shall accept a type approval based on the latest series of the Regulation can equally be applied to UN R0 and other Regulations annexed to the 1958 Agreement under this flexible IWVTA scheme.
- Therefore, **all CPs applying UN R0 shall accept the universal IWVTA** (the latest series of amendment).
- All CPs can issue IWVTA of limited recognition.
- All CPs can accept IWVTA of limited recognition.

## Proposal allowing for different levels of stringency within a series of amendments (proposal by OICA)(image)

Stringency of Regulations for IWVTA



- Each CP can arbitrarily use IWVTA of limited recognition with deviations (less items or less stringent Regulations). **All CPs can issue such IWVTA of limited recognition.**
- Each CP using IWVTA of limited recognition should notify its deviation from the universal IWVTA to UN Secretariat.
- Each CP, including those that accept IWVTA of limited recognition, **shall accept the latest version of RO (universal IWVTA).**

# Comparison of two proposals for flexible IWVTA scheme

|   | <b>Proposal using series of amendments to represent levels of stringency</b>     | <b>Proposal allowing for different levels of stringency within a series of amendments (proposal by OICA)</b>  |
|---|--|---|
| Legal perspective                         | Can be addressed by the revised 58 Agreement                                     | Need to stipulate the special treatment in the 58 Agreement (or possibly R0) on the acceptance or refusal of IWVTA of limited recognition.                        |
| Flexibility                               | Very small<br><br>A CP can use IWVTAs based on existing series of R0.            | Large<br><br>A CP (or group of CPs) can use IWVTAs with any deviations (less items or less stringent Regulations).  |
| Judgment of acceptance of the given IWVTA | A CP can judge the acceptance of given IWVTA based on the series number of R0.   | Universal IWVTA can be identified directly via the approval number.<br>Acceptance of an IWVTA with limited recognition can be judged based on an evaluation tool. |
| Workload of UN-administration             | Small<br><br>The workload is to manage the amendment of the latest series of R0. | Moderate<br><br>The workload is to manage the amendment of the latest series of R0. In addition, a repository of notifications of deviations must be maintained.  |



# Panel Discussion:

## Part I

Requests to the 1958 Agreement and IWVTA  
from Asian economies and its reflection result,  
and the future request  
including the UN Regulation and GTR

Coordinator: Mr. Michio Miyamoto (Japan)

Panelists:

Japan, Malaysia, Thailand, India,  
Indonesia, Philippines



# Overview of the IWVTA discussion

---

The 3<sup>rd</sup> Public and Private Joint Forum in Asian region  
December 2012

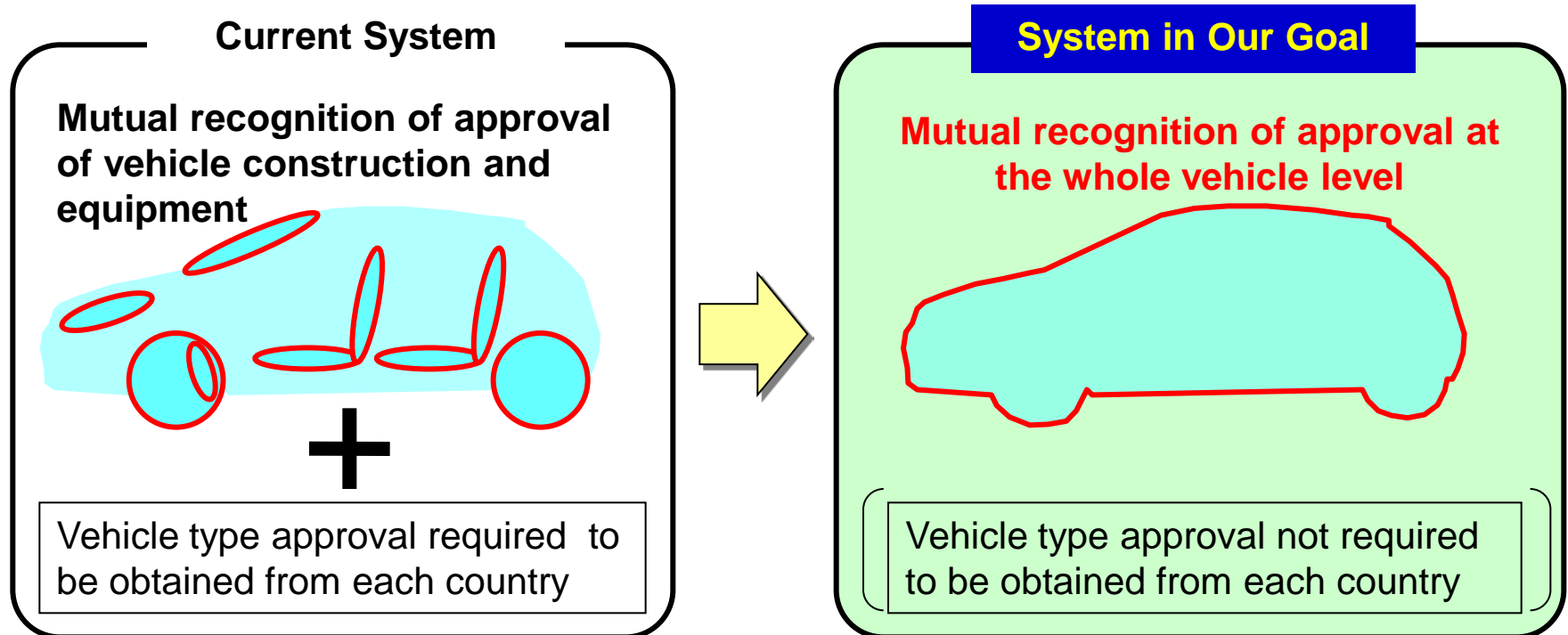
**Michio Miyamoto**



# Introduction

## Our Goal

- \* At present, various vehicle certification systems exist for different countries in the world. We aim to establish a truly global type approval system and realize mutual recognition of approval among many different nations.
- \* Specifically, we aim to upgrade the current approval system under the international agreement (1958 Agreement), which covers “mutual recognition of approval of vehicle construction and equipment”, to the “whole vehicle” level.



# Framework for Implementing Activities at WP.29

**UN/ECE/WP.29**

**IWVTA Informal Group**

**•Members**

**Chairman: Mr. Gauvin (WP.29 Chairman)**

**Co-chairmen: Mr. Renders (EU)、Mr. Onoda (MLIT)**

**Technical Secretary: Mr. Oshita (JASIC)**

**Participants: Any organization that attends WP.29 (Currently about 30 members from government and industry)**

**•Time of meeting: Friday of the week prior to WP.29 (mostly)**

**•Place: Paris (mostly)**

**Sub-group  
“1958 Agreement”**

**Chairmen: Mr. Renders (EU)**

**Sub-group  
“UN R0”**

**Chairmen: Mr. Onoda (MLIT)**

# Review of the 1958 Agreement

## Proposals to review the 1958 Agreement (WP.29-155-27)

WP.29 in November 2011:

**1. confirmed the objectives to review the 1958 Agreement:**

“The future direction for the 1958 Agreement should aim, among others, at **fostering the participation of more countries and regional economic integration organizations in the activities of the World Forum and to increase the number of Contracting Parties to the Agreement, by improving its functioning and reliability**, and thus ensuring that it remains the key international framework for the harmonization of technical regulations in the automobile sector.”

**2. agreed on the inventory of proposed actions, including those aimed at addressing the confirmed objective to make the 1958 Agreement more attractive so that more countries can join.**

# Review of the 1958 Agreement

## *Overall Objectives:*

- ✓ fostering participation of more countries and regional economic integration organizations in the activities of the World Forum (WP.29)
- ✓ increase the number of Contracting Parties to the Agreement (make it more attractive)
- ✓ Agreement to remain the key international framework for the harmonization of technical regulations in the automobile sector (ensure its functioning and reliability)

# UN Regulation No.0 Concept

## Envisioned new structure for the revised 1958 Agreement

Proposed actions to improve the functioning and reliability of the 1958 Agreement:

### Text of the 1958 Agreement (amended)

#### Appendices

Appendix 1 Composition and Rules of Procedure of the Administrative Committee (amended)

Appendix 2 Conformity of Production Procedure (amended)

Placeholder Procedure for Type Approval  
[(R.E.3) Annex 7 (amended)]

**Relevant elements of WP29/1044 or later revision**  
**Relevant elements of WP29/1059 or later revision**

The possibility of merging the new placeholder in the existing Appendix 2 is currently considered

#### ANNEX (Regulations) - Addendum to 1958 Agreement

No.0 IWVTA : Vehicle approval requirements (New UN Regulation)

No.1 .....

⋮

No.126 .....

# Roadmap for the revision of the 1958 Agreement and introduction of IWVTA

- IWVTA Informal Group is to submit a draft proposal of the revision of the 1958 Agreement to WP.29 at its 159<sup>th</sup> session in March, 2013.
- IWVTA Informal Group is to submit UN R0 on IWVTA to WP.29 at its 166<sup>th</sup> session in June, 2015.

|  | 2011   | 2012            | 2013            | 2014                             | 2015            | 2016 |
|--|--|-----------------|-----------------|----------------------------------|-----------------|------|
|  | 9 11   | 6 11            | 3               |                                  | 6               | 3    |
| <b>1. IWVTA</b>  |  |                 |                 |                                  |                 |      |
| Candidates for items for IWVTA   | IWVTA-IG is to prepare candidates Regulation items for IWVTA.                                    |                 |                 |                                  |                 |      |
| Amend existing regulations and/or make new regulations   | Based on the item list, each GR examines UN Regulations (to be created or amended as necessary). |                 |                 |                                  |                 |      |
| IWVTA concept (including UN R0 at WP.29)   | Draft proposal   |                 | Report to WP.29 | Discuss the draft UN R0 at WP.29 |                 |      |
| Approval of UN R0 and UN Regulations applicable to IWVTA as a package by WP29                    |  |                 |                 |                                  | Approval        |      |
| <b>2. Amend the 1958 Agreement</b>   |  |                 |                 |                                  |                 |      |
| Application, grant, modification, withdrawal of approval; new technologies, COP, safeguard, etc. | Discuss and agree on the inventory   | Report to WP.29 | Draft proposal  |                                  | Report to WP.29 |      |



**BRIEFING OF**  
**REQUEST TO WP29 FOR FUTURE**  
**DEVELOPMENT**  
**(PANEL DISCUSSION 1)**

**AUTOMOTIVE ENGINEERING DIVISION**  
**ROAD TRANSPORT DEPARTMENT OF MALAYSIA**



# CONDITION IN MALAYSIA



- 1) Weather in Malaysia :
  - hot and humid throughout the year
  - average rainfall 250 cm/year
  - average temperature 27 degree



- 2) Traffic situation in Malaysia (2010)

| Year                 | 2009       | 2010       |
|----------------------|------------|------------|
| Population           | 28,310,000 | 28,910,000 |
| Vehicle <sup>®</sup> | 19,016,782 | 20,188,565 |
| Accidents            | 397,330    | 414,421    |
| Road Deaths          | 6,745      | 6,872      |



# REGULATIONS UNDER WP29



- 1) Requirements regulate based on weather and traffic condition in Europe
- 2) Example :
  - Extreme cold condition
  - dummy size and etc



# REQUEST TO WP29



- 1) To consider weather and traffic condition in ASEAN
  - size of dummy
  - heavy rain
  - crowd on the road





**THANK YOU**



# **Thailand's Request on the 1958 Agreement and IWVTA**

**Automotive Engineering Bureau  
Department of Land Transport  
November 2012**

# Amendment of 1958 Agreement

- Add essential appendices for equal implementation of CP with the same understanding
- Open local conditions as an option in UN regulations as appropriate
- Correct existing of voting system for **more fairer**

# **Adding Essential Appendices**

- **Qualification of technical services**
- **Procedure of type approval**
- **Whole vehicle type approval**

# **Recommendation on IWVTA**

- **IWVTA should be a voluntary regulation like others**
- **List of UN regulations under IWVTA should be divided to essential one and optional one by safety and environment criteria**

# Local conditions

- **Open local conditions as an option in UN regulations as appropriate**

**e.g.**

- **use ambient temperature during the test**
- **skip any test which is required for CPs with non-tropical climate only**



# Voting system

- **Correct existing of voting system for more fairer by increasing majority vote e.g. 4/5, but not consensus vote**
  - **increase importance of an individual CP**
  - **encourage any individual CP to express his opinion**

< Thank you >

# 1958 Agreement and IWVTA

The 3<sup>rd</sup> Public Private Joint Forum in  
Asian Region

# Background

- ▶ The Philippines has not acceded yet to the WP29 1958 Agreement
- ▶ EO 628 was issued in preparation for the Philippines' accession to the 1958 Agreement
- ▶ The Government of Japan, specifically, the MLIT is supporting the Philippines in its preparation for the accession.
- ▶ It is timely to discuss the proposed amendment to the 1958 Agreement while the Philippines has not acceded yet, so that its preparation will be geared towards the new provisions, in case the amendments will push through

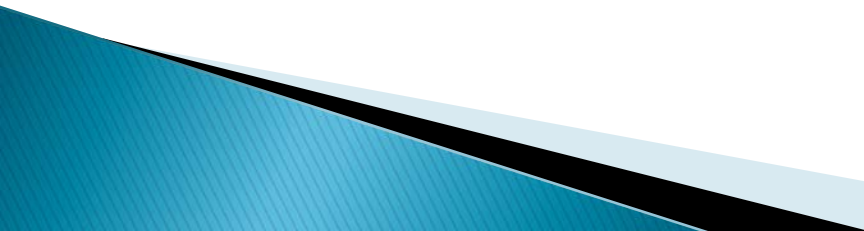
# WVTA in the Philippines

- ▶ Introduction of WVTA in the Philippines is step 9 in the Roadmap for the accession to the 1958 Agreement – including introduction of WVTA, and that is 2<sup>nd</sup> to the last step
- ▶ For the WVTA:
  - review advantages of MVTAS vs WVTA
  - understand the entire function: inspection and steps of WVTA certification procedures
  - examine the necessity of renewed coordination with other agencies
  - propose organization of WVTA (integrated or linked) and its operation process and vehicle certification
  - review other countries WVTA
  - revise current Philippines regulations
  - draft a WVTA legal system and conduct consultations
  - determine consistency among technical regulations
  - Issue PNS on MVTAS: draft certification procedure and regulations
  - Issue enabling law
  - develop MVTAS WVTA test facility in the country

# Amendments to the 1958 Agreement

- ▶ Earlier versions of UN Regulations should be acceptable particularly at the early stage of WVTA implementation, but there should come a time that regulations will really be harmonized
- ▶ Flexible voting is welcome in as much as attendance to meetings is very costly
- ▶ The proposed principle of mutual recognition is acceptable
- ▶ Amendments to the 1958 Agreement is welcome, more consultations however should be conducted
- ▶ At the initial stage of implementation a less stringent scheme should be applied and be more stringent once the countries are already capable of implementing more strict regulations

# Mutual Recognition Agreement for Whole Vehicle

- ▶ More countries should be able to participate
  - ▶ Should not be a hindrance to ASEAN economic integration
  - ▶ Should improve vehicle safety standard
  - ▶ Should promote development of automotive industry – all relevant stakeholders should benefit.
  - ▶ Should set priority regulations first meantime that countries are still at the adjustment period
  - ▶ Testing facilities should be available
- 

Thank You





























# The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region

- Day 2 -



# Country Report

“Short Presentation and speech on the develop the vehicle type approval systems in each Asian country”

Brunei

Cambodia

Hong Kong

Indonesia

Korea

Lao PDR

Malaysia

Myanmar

Singapore

Thailand

Vietnam

Chinese Taipei

Japan

Philippines

# QUESTIONNAIRE FOR THE 3rd P/P JOINT FORUM

## QUESTION 2: YOUR PARTICIPATION IN THE WP29 ACTIVITIES

### 2-1. WP29 & GRs participation

- Participation record for 2012 and future plan for 2013

|                |  |
|----------------|--|
| Brunei         |  |
| Cambodia       |  |
| China          |  |
| Hong Kong      |  |
| India          |  |
| Indonesia      |  |
| Japan          | 2012 records: We have been attending all of WP29 and GR meetings held so far and will attend all the forthcoming meetings as well.<br>Japan has been participated since 1977. In the beginning, Japan participated as observer.<br>2013 plans: We will attend all the meetings.  |
| Korea          |  |
| Laos           | 2012 records: NONE<br>2013 plans: Participate in the meeting hold by WP.29&GPs program   |
| Malaysia       | 2012 records: 1 time<br>2013 plans: 1 time   |
| Myanmar        | 2012: records: In JASIC Asia Government/Industry Meetings, Myanmar has been participating as an observer. At present, we apply and refer some of UNECE regulations in domestic type approval system.<br>2013: plans: We keep on cooperating with ASEAN and Japan for International Whole Vehicle Type Approval System. |
| Philippines    |  |
| Singapore      | <a href="#">Plan to participate in WP29 &amp; GRs as an observer.</a>  |
| Thailand       | <a href="#">DLT : 2012 records : 157th WP.29</a><br><a href="#">2013 plan: 160th WP.29, GRE</a>  |
| Vietnam        | 2012 records: Not attending any WP29 and GR meetings<br>2013 plans: Not yet  |
| Chinese Taipei |  |

- Name of participating organization (Such as specific authority in charge and relevant organizations)

|                |   |
|----------------|---|
| Brunei         |   |
| Cambodia       |   |
| China          |   |
| Hong Kong      |   |
| India          |   |
| Indonesia      |   |
| Japan          | Ministry of Land, Infrastructure, Transport and Tourism(MLIT)<br>and Japan Automobile Standards Internationalization Center(JASIC)  |
| Korea          |   |
| Laos           | NONE  |
| Malaysia       | Ministry of Transport<br>Road Transport Department of Malaysia (JPJ)  |
| Myanmar        | If Myanmar becomes one of the brethrens of WP 29 and GR, Road Transport Administration Department under Ministry of Rail Transportation and Ministry of Industry will be the participating organizations.   |
| Philippines    |   |
| Singapore      | <a href="#">Land Transport Authority (LTA), Singapore</a>   |
| Thailand       | <a href="#">1. Department of Land Transport, Ministry of Transport</a><br><a href="#">2. Thai Industrial Standards Institute, Ministry of Industry</a><br><a href="#">3. Thai Automotive Industry Association</a><br><a href="#">4. Automotive Industry Club of Federation of Thai Industries</a> |
| Vietnam        | - Ministry of Transportation.<br>- Agency: Vietnam Register (Department of Ministry of Transportation)<br>- Concerned body: No  |
| Chinese Taipei |   |

## 2-2. Accession to the 1958 Agreement and/or 1998 Agreement

### - For Contracting Party to the Agreement

(Problems and tasks after the accession to the 1958 Agreement, etc. / Solutions or countermeasures for the problems and tasks)

### - For Non-Contracting Party to the Agreement

(Planned year of the accession to the 1958 Agreement / Status of progress of the accession procedure, the action plan up to the accession / Problems and tasks concerning the accession, etc. / Solutions or countermeasures for the problems and tasks)

|             |   |
|-------------|---|
| Brunei      |   |
| Cambodia    |   |
| China       |   |
| Hong Kong   |   |
| India       |   |
| Indonesia   |   |
| Japan       | <p>Post-participation problems:<br/>When an ECE regulation was introduced in Japan, it had been reflected to the domestic regulations after translated into Japanese.<br/>This process made the work for amending the domestic regulations longer and cumbersome and therefore, it was difficult to response timely to the amendments to the ECE regulations established at the WP29 three times a year.</p> <p>Problem/issue resolution measures:<br/>The process for amending the domestic regulations was improved in 2006, in which the technical requirements in the ECE regulations are directly referred to in the domestic regulations.<br/>This change in the process saves time and efforts for the work for amending the domestic regulations and enables us to response to incorporation of the amendments to the ECE regulations in a timely manner.</p>   |
| Korea       |   |
| Laos        | <p>Scheduled year for participation: NOT YET SCHEDULE</p> <p>Progress of participation procedures, action plan up to participation: NONE</p> <p>Participation problems, etc: NONE</p> <p>Problem/issue resolution measures: NONE</p>  |
| Malaysia    | <p>Acceded to both agreement since 4th April 2006</p> <p>Post-participation problems: Technical Specification Understanding/Interpretation</p> <p>Problem/issue resolution measures: Training</p>   |
| Myanmar     | <p>To accede the WP 29 Agreements, it is still needed to improve infrastructure, technology, rules and regulations in vehicle manufacturing procedures.</p>   |
| Philippines |   |
| Singapore   | <p><a href="#">Please see comments below for Non-Contracting Party</a></p> <p>Scheduled year for participation:<br/><a href="#">No schedule for accession to the 1958 and 1998 Agreements.</a></p> <p>Progress of participation procedures, action plan up to participation:<br/><a href="#">Considering benefits of signing the 1958 and 1998 Agreements.</a></p> <p>Participation problems, etc:<br/><a href="#">Manpower and financial resources required to attend WP29 and GR meetings to monitor new development/amendments to UNECE Regulations.</a></p> <p>Problem/issue resolution measures:<br/><a href="#">Singapore is not a vehicle-manufacturing country. We currently accept vehicles that have been designed and constructed to comply with UNECE Regulations and do not subject vehicles to additional tests. Hence, we are already market-friendly. Therefore, there is no compelling basis(strong justifications) nor immediate need to sign the 1958 and 1998 Agreements.</a></p> |
| Thailand    | <p>Post-participation problems: <a href="#">Lack of experts, Technical knowledge of UN/ECE regulations</a></p> <p>Problem/issue resolution measures: <a href="#">Arrange expert meeting in Thailand, staff training oversea</a></p>   |
| Vietnam     | <p>Non-Contracting Party</p> <p>Scheduled year for participation: 2014</p> <p>Progress of participation procedures, action plan up to participation: preparing new project to push up the process (highly support from vice-ministerial level)</p>  |

|                |  |
|----------------|--|
|                | Participation problems, etc: Lack of expertise, testing facilities, take time from relevant stakeholders' comment<br>Problem/issue resolution measures:<br>- Updating about process of 1958 agreement revise<br>- Review of current applied regulation<br>- Becoming observer of WP29 meeting.<br>- Staff training and expert meeting on technical Regulation<br>- Further discussions/meetings among some Ministries<br>- On process to get approval for the new project to push up |
| Chinese Taipei |  |

### 2-3. What is your plan regarding the adoption UN/ECE Regulations?

|                |  |
|----------------|--|
| Brunei         |  |
| Cambodia       |  |
| China          |  |
| Hong Kong      |  |
| India          |  |
| Indonesia      |  |
| Japan          | Please see Answer sheets   |
| Korea          |  |
| Laos           | -  |
| Malaysia       |  |
| Myanmar        | For the time being, it cannot be designated.   |
| Philippines    |  |
| Singapore      | Please see Answer sheets   |
| Thailand       | There is no plan for ECE adoption but this issue is arranging to discuss among the stake-holders soon. |
| Vietnam        |  |
| Chinese Taipei |  |

### 2-4. What is your practice or plan regarding the application of UN Regulations?

- Method of adoption: Accept or Refer to the UN Regulations

|             |  |
|-------------|--|
| Brunei      |  |
| Cambodia    |  |
| China       |  |
| Hong Kong   |  |
| India       |  |
| Indonesia   |  |
| Japan       | Method 1   |
| Korea       |  |
| Laos        | NONE   |
| Malaysia    | Accept   |
| Myanmar     | For the situation of Myanmar, we can refer to the UN Regulations   |
| Philippines |  |
| Singapore   | Already accept UNECE certificates and test reports without subjecting vehicles to further tests. Also progressively make direct reference to UNECE Regulations in our technical regulations. |
| Thailand    | - Using the relevant UNECE regulation as equivalent<br>- Accept test report issued by technical services under 1958 Agreement as optional  |

|                |                                   |                    |                    |                            |                              |                             |
|----------------|-----------------------------------|--------------------|--------------------|----------------------------|------------------------------|-----------------------------|
| Vietnam        |                                   | UN/ECE certificate | UN/ECE test report | Re-testing in your country | Issue individual certificate | Individual approval marking |
|                | Imported vehicle/Component        | Accept             | Accept             | None                       | Yes                          | None                        |
|                | Local Assembled vehicle/Component | Refer              | Not accept         | Yes                        | Yes                          | None                        |
| Chinese Taipei |                                   |                    |                    |                            |                              |                             |

### QUESTION 3: COMMENTS FOR PANEL DISCUSSION

#### 3-1. When is the target for complicating the vehicle type approval system?

|                |  |
|----------------|--|
| Brunei         |  |
| Cambodia       |  |
| China          |  |
| Hong Kong      |  |
| India          |  |
| Indonesia      |  |
| Japan          | <p>Vehicle Type Approval system (VTA) has been already established in Japan.</p> <p>In Japan, there is the governmental system which gives “certification” as the proof of conformity of vehicles with the technical requirements regarding the safety and environment of motor vehicles.</p> <p>This system can be separated into two groups according to motor vehicles themselves and their components for its own.</p> <p>At first, the system in which the motor vehicles themselves are given certificates is called “Vehicle Type Approval System”.</p> <p>Secondly, there is the certification called “Type Approval System for Devices” to improve the safety for the components of automobile like headlights or tires.</p> <p>In fact, when Japan became the first non-European country to join the 1958 Agreement on the mutual recognition of approvals in 1998, this Type Approval System for Devices was newly introduced to utilize the harmonization of vehicle regulations and mutual recognition of approvals under the 1958 Agreement.</p> |
| Korea          |  |
| Laos           | UNDER STUDY  |
| Malaysia       | Already established  |
| Myanmar        | Although we could not establish Vehicle Type Approval system, we refer and apply 1958 Agreement and its amendments in our domestic vehicle industry.   |
| Philippines    |  |
| Singapore      | <a href="#">Already have a vehicle type approval system.</a>   |
| Thailand       | <a href="#">New draft Act of Land Transport is jointly considering by DLT and the Council of State. And it will take time for the consideration of the Parliament. However current vehicle parts type approval system, which is accumulated subset of whole vehicle type approval, is gradually triggered this year onward.</a>  |
| Vietnam        | Viet Nam already has Vehicle/Component type approval system. These systems are close to Type approval system under the 1958 Agreement  |
| Chinese Taipei |  |

#### 3-2. What are the reasons behind not setting a schedule for adopting the UN-R items?

|             |   |
|-------------|---|
| Brunei      |   |
| Cambodia    |   |
| China       |   |
| Hong Kong   |   |
| India       |   |
| Indonesia   |   |
| Japan       |   |
| Korea       |   |
| Laos        | LACK OF KNOWLEDGE   |
| Malaysia    | Not Applicable  |
| Myanmar     | <p>Barrier for setting a schedule for the ECE items would be:</p> <ol style="list-style-type: none"> <li>1) We are still observing</li> <li>2) We are not ready to adopt those items right now</li> <li>3) We would like to take time for above mentioned matter</li> </ol> |
| Philippines |   |



|                |  |
|----------------|--|
| Singapore      | Already accepts vehicles that have been designed and constructed to comply with UNECE Regulations or other international standards such as the Japanese Safety Regulations and US Federal Motor Vehicle Safety Standards, or their equivalent.   |
| Thailand       | One Notification on Vehicle Part/System Type Approval System (R41) which is in line with UN regulation has been implemented the beginning of this year. This is an opportunity for both government and (motorcycle) industry sectors to acquaintance with the type approval on UN regulation. More further notification regarding to vehicle part/system type approval system will be issued in future. After this step, plan for adopting UN Regulations will be discussed among the stake-holders. |
| Vietnam        | N/A  |
| Chinese Taipei |  |

### 3-3. How do you minimize your unique subjects?

|                |  |
|----------------|--|
| Brunei         |  |
| Cambodia       |  |
| China          |  |
| Hong Kong      |  |
| India          |  |
| Indonesia      |  |
| Japan          | It should be considered that the international system which aims to minimize unique subject of each country, for example, notification of technically rational explanation and concrete contents of unique subjects to the countries adopting IWVTA. |
| Korea          |  |
| Laos           | -  |
| Malaysia       | Giving option to industry to choose UN R or MS   |
| Myanmar        | -  |
| Philippines    |  |
| Singapore      | We plan to progressively incorporate the other UNECE Regulations in our technical regulations.   |
| Thailand       | Introducing notification in line with UN regulations as many as possible and also encourage WP.29 to draft UN Regulations on essential subjects for vehicle.   |
| Vietnam        | Applying new project to support for  |
| Chinese Taipei |  |
| APWG TF        | Establish ASEAN Automotive Committee (AAC)   |

## QUESTION 4: ASIA EXPERT MEETING

### 4-1. Expert Meeting Plan

In your country, are there any plans to hold some Expert Meeting(s) within three years from now on?  
(Agenda, Contents, and Name of person in charge of Expert Meetings planned in 2013, 2014, and 2015)

|                |  |
|----------------|--|
| Brunei         |  |
| Cambodia       |  |
| China          |  |
| Hong Kong      |  |
| India          |  |
| Indonesia      |  |
| Japan          |  |
| Korea          |  |
| Laos           | 2013: PLANED<br>2014: PLANED<br>2015: PLANED   |
| Malaysia       | 2013: Construction of Vehicle (Including Protection) (UN R36,52,58,73,93,and 107)<br>2014: Prevention of fire risk (R34) and Electromagnetic Compatibility (EMC) : R10<br>2015: Mechanical Coupling (R55), Interior Fitting (R21),External Projection(R26) |
| Myanmar        | -  |
| Philippines    |  |
| Singapore      | No specific plan. We will consider participating in such Expert Meetings on an ad hoc basis.   |
| Thailand       | 2013: UN regulations concerning electric vehicle (safety and environmental aspects)<br>2014: R87, R123<br>2015 : R12, R94, R95   |
| Vietnam        | 2013: Agenda: August 2013<br>Content:Electric Vehicle<br>Res Person: Vietnam Register<br>2014: Vehicle recycle and In-use motorcycle emission pollution inspection<br>2015: N/A  |
| Chinese Taipei |  |

### 4-2. Any other comments

Do you have any request for, opinions about, or other comments regarding the Expert Meetings?

|                |      |
|----------------|------|
| Brunei         |      |
| Cambodia       |      |
| China          |      |
| Hong Kong      |      |
| India          |      |
| Indonesia      |      |
| Japan          |      |
| Korea          |      |
| Laos           | NONE |
| Malaysia       |      |
| Myanmar        | -    |
| Philippines    |      |
| Singapore      | N.A  |
| Thailand       | -    |
| Vietnam        |      |
| Chinese Taipei |      |

## SPECIAL QUESTIONNAIRE

### Question 1: Tasks to Be Addressed Regarding Objective 1 (Collaboration Towards Promoting Regulation Harmonization Activities) of the Public and Private Joint Forum in Asian Region

#### 1-1. Any idea for gathering and summarizing Asia's opinions on WP.29?

|                |       |   |
|----------------|-------|---|
| Brunei         |       |   |
| Cambodia       |       |   |
| China          |       |   |
| Hong Kong      |       |   |
| Indonesia      | IASIF | 1) Establish platform communication concerning every result of WP29 Meeting.<br>2) Highlight the revision from the last version of ECE Regulations in each GR meeting and which was adopted by WP29 voting conclusion, and distribute to the each ASIA's economy.<br>3) Ask respond from each ASIA's economy related with each economy's condition.         |
| Japan          |       |   |
| Korea          |       |   |
| Laos           |       |   |
| Malaysia       | JPJ   | conduct meeting back-to-back with ACCSQ-APWG meeting  |
| Myanmar        | MORT  | A website for gathering and summarizing Asia's opinions on WP 29 should be set up.  |
| Philippines    | DOTC  | To formally create a focus group (technical working group (TWG)) with member from Asian Region to discuss and come up with a road map of accession to WP29  |
| Singapore      |       |   |
| Thailand       | DLT   | Unofficial discussion via e-mail. But if you need official reply, it should be an official letter.  |
| Vietnam        | VR    | agree with suggestion<br>Hold discussion meeting back to back P&P meeting<br>Set up a website   |
| Chinese Taipei | VSCC  | To collect practical information and summarize, a Certification Circle is first priority to establish. A Certification Circle is a group of experts for communicating, sharing and discussing the relevant experience and idea. The next step would be setting up a website to make experience exchange efficient and to develop as a Knowledge Management. |

#### 1-2. Any idea for communicating Asia's opinions on WP.29 to the UN?

|                |       |   |
|----------------|-------|---|
| Brunei         |       |   |
| Cambodia       |       |   |
| China          |       |   |
| Hong Kong      |       |   |
| Indonesia      | IASIF | 1). Concluded the items which will be submitted to WP-29 in the Public and Private Joint Forum in Asian Region.<br>2). Encourage each economy to attend and present their respective ideas /opinions.       |
| Japan          |       |   |
| Korea          |       |   |
| Laos           |       |   |
| Malaysia       | JPJ   | conclusion (wrap-up) through back-to-back meeting with ACCSQ-APWG   |
| Myanmar        | MORT  | NA  |
| Philippines    | DOTC  | In the case of the Philippines, its roadmap for accession to WP29 is already finalized. Every member economy may attend workshop where each plans or road map are presented.                                |
| Singapore      |       |   |
| Thailand       | DLT   | Yes, delegate of each contracting party in Asia can present his/her opinion at WP.29. If Asia countries are non CP of Agreement under WP.29, it may request the Chairman of WP.29 to present their opinion. |
| Vietnam        | VR    | Communicate through about mentioned meeting and e-mail by representatives   |
| Chinese Taipei | VSCC  | In contrast to the idea of EU, Asia-oriented Forum could also be reasonably allowed to be a member of WP29.   |

### 1-3. Any idea for reflecting these opinions by utilizing the Public and Private Joint Forum?

|                |       |   |
|----------------|-------|---|
| Brunei         |       |   |
| Cambodia       |       |   |
| China          |       |   |
| Hong Kong      |       |   |
| Indonesia      | IASIF | 1) Yes, the Asia's opinions on WP29 be included in the Summary of Public and Private Joint Forum.<br>2) In the Public and Private Joint Forum, assigned the representative of Asia's economies to present the opinions to the WP29.   |
| Japan          |       |   |
| Korea          |       |   |
| Laos           |       |   |
| Malaysia       | JPJ   | Budget which already confirmed for Public and Private Forum can be used to assist the ACCSQ-APWG meeting  |
| Myanmar        | MORT  | NA  |
| Philippines    | DOTC  | Creating a website where members can register opinion and recommendation or hold regular meeting, seminars/workshops  |
| Singapore      |       |   |
| Thailand       | DLT   | <a href="#">It is possible if these opinions are only preliminary.</a>  |
| Vietnam        | VR    | Updating situation in P & P meeting   |
| Chinese Taipei | VSCC  | WP29 should allow the opinions to be reflected by the Forum as a position such as observer or else proper, any member of which can decide any time to attend relevant and interested meeting. To have all the expert travel a long way at least twice a year is very restricted for any country to follow and be present. It also is a contradiction to the global goal for CO2 emission reduction. |

## Question 2: Tasks to Be Addressed Regarding Objective 2 (Reflecting Opinions on the 1958 Agreement and IWVTA at WP.29) of the Public and Private Joint Forum in Asian Region?

### 2-1. Consensus

|                |       |   |   |
|----------------|-------|---|---|
| Brunei         |       |   |   |
| Cambodia       |       |   |   |
| China          |       |   |   |
| Hong Kong      |       |   |   |
| India          |       |   |   |
| Indonesia      | IASIF |   | Still need coordination and consolidation among Stakeholders.   |
| Japan          |       |   |   |
| Korea          |       |   |   |
| Laos           |       |   |   |
| Malaysia       | JPJ   |   | Malaysia already acceded WP29 since 4th April 2006.   |
| Myanmar        | MORT  |   |   |
| Philippines    | DOTC  | - | The Philippines due to the recently completed JICA assistance have adequate information on the 1958 Agreement |
| Singapore      |       |   |   |
| Thailand       | DLT   | - | -   |
| Vietnam        | VR    | 1 | Take a long procedure for approval from high-level official   |
| Chinese Taipei | VSCC  |   | -   |

### 2-2. Human resources

|                |       |   |  |
|----------------|-------|---|--|
| Brunei         |       |   |  |
| Cambodia       |       |   |  |
| China          |       |   |  |
| Hong Kong      |       |   |  |
| India          |       |   |  |
| Indonesia      | IASIF |   | Still in the process to assign dedicated personnel to handle this issues.                                  |
| Japan          |       |   |  |
| Korea          |       |   |  |
| Laos           |       |   |  |
| Malaysia       | JPJ   |   | Malaysia already established 2 special units to handle VTA and Regulations issues.                         |
| Myanmar        | MORT  |   |  |
| Philippines    | DOTC  | - | Identify country focal person who will react on all communications and activities relate to 1958 Agreement |
| Singapore      |       |   |  |
| Thailand       | DLT   | - | -  |
| Vietnam        | VR    | 2 | Lack of experienced person; English barrier  |
| Chinese Taipei | VSCC  |   | -  |

### 2-3. Knowledge/experience

|             |       |   |  |
|-------------|-------|---|--|
| Brunei      |       |   |  |
| Cambodia    |       |   |  |
| China       |       |   |  |
| Hong Kong   |       |   |  |
| India       |       |   |  |
| Indonesia   | IASIF |   | - Capacity-building is not going well, not related with competency based<br>- Not enough knowledge & experiences to establish technical Services, certification, needs more on the job training<br>- Need certification of personnel with no experience as well as preparatory workshops on the internationalization of automotive standards.<br>- We didn't know that we can use Technical Services in other regions. |
| Japan       |       |   |  |
| Korea       |       |   |  |
| Laos        |       |   |  |
| Malaysia    | JPJ   |   | Even the special units already established, Malaysia still required frequent trainings to ensure the competency of all officers.   |
| Myanmar     | MORT  |   |  |
| Philippines | DOTC  | - | We have people who got his information from JICA assisted project but is dispensing the assignment adopting multi-tasking due to limited resources   |
| Singapore   |       |   |  |

|                |      |   |                                       |
|----------------|------|---|---------------------------------------|
| Thailand       | DLT  | - | -                                     |
| Vietnam        | VR   | 3 | lack of experience then need training |
| Chinese Taipei | VSCC |   | -                                     |

## 2-4. Funding

|                |       |   |  |
|----------------|-------|---|--|
| Brunei         |       |   |  |
| Cambodia       |       |   |  |
| China          |       |   |  |
| Hong Kong      |       |   |  |
| India          |       |   |  |
| Indonesia      | IASIF |   | We have yet prepared budget, because this activities is not in the priority program.   |
| Japan          |       |   |  |
| Korea          |       |   |  |
| Laos           |       |   |  |
| Malaysia       | JPJ   |   | Describe specifically: Although there are required big amount of money to join WP29, Malaysia is currently trying our best to participate in WP29. |
| Myanmar        | MORT  |   |  |
| Philippines    | DOTC  | - | There is a need to train people in the accreditation of technical services, including staff of the technical services itself                       |
| Singapore      |       |   |  |
| Thailand       | DLT   | - | -  |
| Vietnam        | VR    | 2 | financial limitation   |
| Chinese Taipei | VSCC  |   | -  |

## 2-5. Organization

|                |       |   |  |
|----------------|-------|---|--|
| Brunei         |       |   |  |
| Cambodia       |       |   |  |
| China          |       |   |  |
| Hong Kong      |       |   |  |
| India          |       |   |  |
| Indonesia      | IASIF |   | - We have established IASIF (Indonesia Automotive Standard Internationalization Forum)<br>- We are in the preparation to level up IASIF to be IASIC as permanent body with special staffs. |
| Japan          |       |   |  |
| Korea          |       |   |  |
| Laos           |       |   |  |
| Malaysia       | JPJ   |   | JPJ will handle the implementation of UN Regulations in Malaysia   |
| Myanmar        | MORT  |   |  |
| Philippines    | DOTC  | - | Limited fiscal resources and no dedicated office to handle the activities  |
| Singapore      |       |   |  |
| Thailand       | DLT   | - | -  |
| Vietnam        | VR    | 3 | We have yet to establish a group capable of handling the issues  |
| Chinese Taipei | VSCC  |   | -  |

## 2-6. System (UN-related problems)

|             |       |   |  |
|-------------|-------|---|--|
| Brunei      |       |   |  |
| Cambodia    |       |   |  |
| China       |       |   |  |
| Hong Kong   |       |   |  |
| India       |       |   |  |
| Indonesia   | IASIF |   | - We do not understand the accreditation system for the reputation of Technical Services accredited by designated body authorized by WP29<br>- Difficult to propose the new UN Regulation because of current voting system.                    |
| Japan       |       |   |  |
| Korea       |       |   |  |
| Laos        |       |   |  |
| Malaysia    | JPJ   |   | Each contracting parties agreed the agreement upon consultation with related agencies in the respective countries. Therefore, any changes in the agreement itself must be referred to the related agencies especially Attorney General Chamber |
| Myanmar     | MORT  |   |  |
| Philippines | DOTC  | - | Fair chance and voting power among member economies such as voting rights  |
| Singapore   |       |   |  |
| Thailand    | DLT   | - | -  |

|                |      |   |  |
|----------------|------|---|--|
| Vietnam        | VR   | 2 | We would like to be explain again voting system of 1958 Agreement  |
| Chinese Taipei | VSCC | - | WP29 is a area handling worldwide automobile issue. It focuses on the benefits of eliminating the technical barrier and promoting harmonization. With this in mind, Any economic area should be covered and allowed to attend. So WP29 should be transformed into Economy-oriented instead of Nation-oriented. |

## 2-7. System (National problems)

|                |       |   |   |
|----------------|-------|---|---|
| Brunei         |       |   |   |
| Cambodia       |       |   |   |
| China          |       |   |   |
| Hong Kong      |       |   |   |
| India          |       |   |   |
| Indonesia      | IASIF |   | - Still need coordination and consolidation among Stakeholders<br>- There is not enough testing facility or trained testing personnel |
| Japan          |       |   |   |
| Korea          |       |   |   |
| Laos           |       |   |   |
| Malaysia       | JPJ   |   | The amendment of the original agreement may reflect the gazette act in Malaysia.  |
| Myanmar        | MORT  |   |   |
| Philippines    | DOTC  | - | Limited manpower, testing facilities and financial resources  |
| Singapore      |       |   |   |
| Thailand       | DLT   | - | -   |
| Vietnam        | VR    | 2 | There is a lack of testing facility and trained testing personnel   |
| Chinese Taipei | VSCC  |   | -   |

## 2-8. Regulations (UN-related problems)

|                |       |   |   |
|----------------|-------|---|---|
| Brunei         |       |   |   |
| Cambodia       |       |   |   |
| China          |       |   |   |
| Hong Kong      |       |   |   |
| India          |       |   |   |
| Indonesia      | IASIF |   | Some of the regulations are unnecessary in Asia. __E.g., cold emission requirements are unnecessary                       |
| Japan          |       |   |   |
| Korea          |       |   |   |
| Laos           |       |   |   |
| Malaysia       | JPJ   |   | UN should consider the weather conditions worldwide, not limited to European countries only.                              |
| Myanmar        | MORT  |   |   |
| Philippines    | DOTC  | - | Voluntary imposition on the part of the member economy is preferred   |
| Singapore      |       |   |   |
| Thailand       | DLT   | - | -   |
| Vietnam        | VR    |   | some difference in vehicle using condition then need difference in some item application of regulation(ex: cold emission) |
| Chinese Taipei | VSCC  |   | -   |

## 2-9. Regulations (National problems)

|             |       |   |   |
|-------------|-------|---|---|
| Brunei      |       |   |   |
| Cambodia    |       |   |   |
| China       |       |   |   |
| Hong Kong   |       |   |   |
| India       |       |   |   |
| Indonesia   | IASIF |   | We have not decide the priority UN Regulations for ASEAN MRA.   |
| Japan       |       |   |   |
| Korea       |       |   |   |
| Laos        |       |   |   |
| Malaysia    | JPJ   |   | Most of latest amendment regulations may be adopted in Malaysia. However, it is still required the implementation of previous series for Emission related items (fuel quality). |
| Myanmar     | MORT  |   |   |
| Philippines | DOTC  | - | There is a need to standardize/harmonize classification and regulation  |
| Singapore   |       |   |   |
| Thailand    | DLT   | - | -   |
| Vietnam     | VR    | 2 | -   |

|                |      |  |   |
|----------------|------|--|---|
| Chinese Taipei | VSCC |  | - |
|----------------|------|--|---|

## 2-10. Social conditions

|                |       |   |  |
|----------------|-------|---|--|
| Brunei         |       |   |  |
| Cambodia       |       |   |  |
| China          |       |   |  |
| Hong Kong      |       |   |  |
| India          |       |   |  |
| Indonesia      | IASIF |   | There is no merit for us since we don't export complete motor cycles.  |
| Japan          |       |   |  |
| Korea          |       |   |  |
| Laos           |       |   |  |
| Malaysia       | JPJ   |   | Implementation of UN Regulations will ensure the safety of vehicles and users. Therefore, Malaysia is supporting the harmonization of WP29 |
| Myanmar        | MORT  |   |  |
| Philippines    | DOTC  | - | The Philippines is not strong in vehicle export  |
| Singapore      |       |   |  |
| Thailand       | DLT   | - | -  |
| Vietnam        | VR    | 3 | No obstacle  |
| Chinese Taipei | VSCC  |   | -  |

## 2-11. Other

|                |      |   |   |
|----------------|------|---|---|
| Brunei         |      |   |   |
| Cambodia       |      |   |   |
| China          |      |   |   |
| Hong Kong      |      |   |   |
| India          |      |   |   |
| Indonesia      |      |   |   |
| Japan          |      |   |   |
| Korea          |      |   |   |
| Laos           |      |   |   |
| Malaysia       | JPJ  |   | -   |
| Myanmar        | MORT |   | Myanmar is not a car manufacturer country. At present, we cannot even produce the parts of the car. To accede the 1958 Agreement or 1998 Agreement, it needs to promote our existing situation such as rules and regulations, infrastructure, system, funding, capacity-building and human resources. Technology, skill employees and adequate test machines should be installed. So, not only inter governments' effort but also external partner governments' or international organizations' supports are actual needed. |
| Philippines    | DOTC | - | There is a need to support the export of CBU industry in the country  |
| Singapore      |      |   |   |
| Thailand       | DLT  | x | <a href="#">Thailand is already a contracting party of 1958 Agreement.</a>  |
| Vietnam        | VR   |   | NA  |
| Chinese Taipei | VSCC | - | WP29 is a area handling worldwide automobile issue. It focuses on the benefits of eliminating the technical barrier and promoting harmonization. With this in mind, Any economic area should be covered and allowed to attend. So WP29 should be transformed into Economy-oriented instead of Nation-oriented.  |



**Question 3: Tasks to Be Addressed Regarding Objective 3 (Development of Vehicle Type Approval System under the ASEAN MRA) of the Public and Private Joint Forum in Asian Region**

**3-1. Can you understand what the IWVTA is for (its concept and merits)?**

**If “No”: Is there anything that you need to know to understand it?**

|                |       |     |                          |
|----------------|-------|-----|--------------------------|
| Brunei         |       |     |                          |
| Cambodia       |       |     |                          |
| China          |       |     |                          |
| Hong Kong      |       |     |                          |
| India          |       |     |                          |
| Indonesia      | IASIF | Yes | -                        |
| Japan          |       |     |                          |
| Korea          |       |     |                          |
| Laos           |       |     |                          |
| Malaysia       | JPJ   | Yes |                          |
| Myanmar        | MORT  | Yes |                          |
| Philippines    | DOTC  | Yes |                          |
| Singapore      |       |     |                          |
| Thailand       | DLT   | -   | -                        |
| Vietnam        | VR    | Yes | No re-test => save money |
| Chinese Taipei | VSCC  |     | -                        |

**3-2. Can you propose to apply your country’s vehicle certification system to the ASEAN MRA without any modification?**

**If “No”: What changes should be made to your certification system so that it can be applied?**

|                |       |     |   |
|----------------|-------|-----|---|
| Brunei         |       |     |   |
| Cambodia       |       |     |   |
| China          |       |     |   |
| Hong Kong      |       |     |   |
| India          |       |     |   |
| Indonesia      | IASIF | No  | Under study   |
| Japan          |       |     |   |
| Korea          |       |     |   |
| Laos           |       |     |   |
| Malaysia       | JPJ   | No  | There are lot of discussion must be conducted before we can answer this question              |
| Myanmar        | MORT  | -   | To answer the question, it needs to discuss between the related organizations in our country. |
| Philippines    | DOTC  | Yes |   |
| Singapore      |       |     |   |
| Thailand       | DLT   | -   | -   |
| Vietnam        | VR    | Yes | Because our system is mostly based on EU’s system   |
| Chinese Taipei | VSCC  |     | -   |

**Question 4: Are there any items that you would like us to support and for which our support would be effective?**

|                |       |  |
|----------------|-------|--|
| Brunei         |       |  |
| Cambodia       |       |  |
| China          |       |  |
| Hong Kong      |       |  |
| India          |       |  |
| Indonesia      | IASIF | Yes, based on the above answer we would like to discuss the items with JASIC.                            |
| Japan          |       |  |
| Korea          |       |  |
| Laos           |       |  |
| Malaysia       | JPJ   | We would like to support continuous cooperation between Japan and ASEAN especially Malaysia.             |
| Myanmar        | MORT  | -  |
| Philippines    | DOTC  | More inputs on vehicle regulations and technical services implementation                                 |
| Singapore      |       |  |
| Thailand       | DLT   | Local conditions should be allowed as the option e.g. local ambient temperature for conducting the test. |
| Vietnam        | VR    | Training and supporting testing facility   |
| Chinese Taipei | VSCC  | -  |



| ECE No. | Item  | #Implementation/plan method |        |       | Implementation/plan date(year) | Effective date                |                       | Approval Authority | Technical Services | remark  |
|---------|---|-----------------------------|--------|-------|--------------------------------|-------------------------------|-----------------------|--------------------|--------------------|---------|
|         |   | Adopt                       | Accept | Refer |                                | for new type of vehicle(year) | for new vehicle(year) |                    |                    |         |
| 85      | MEASUREMENT OF ENGINE POWER   |                             |        |       |                                |                               |                       |                    |                    |         |
| 89      | SPEED LIMITATION DEVICES  |                             |        |       |                                |                               |                       |                    |                    |         |
| 91      | SIDE-MARKER LAMPS   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 94      | PROTECTION OF THE OCCUPANTS IN THE EVENT OF A FRONTAL COLLISION             |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 95      | PROTECTION OF THE OCCUPANTS IN THE EVENT OF A LATERAL COLLISION             |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 98      | GAS-DISCHARGE HEADLAMPS   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 99      | GAS-DISCHARGE LIGHT SOURCES   |                             |        |       |                                |                               |                       |                    |                    |         |
| 100     | BATTERY ELECTRIC VEHICLES   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 101     | EMISSION OF CARBON DIOXIDE AND FUEL CONSUMPTION (PASSENGER CAR)             |                             |        |       |                                |                               |                       |                    |                    |         |
| 112     | HEADLAMPS (WITH AN ASYMMETRICAL PASSING BEAM)                               |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 116     | PROTECTION AGAINST UNAUTHORIZED USE   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 117     | THE APPROVAL OF TYRES WITH REGARD TO ROLLING SOUND EMISSIONS                |                             |        |       |                                |                               |                       |                    |                    |         |
| 119     | CORNERING LAMPS   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 121     | THE LOCATION AND IDENTIFICATION OF HAND CONTROLS, TELL-TALES AND INDICATORS | x                           |        |       | 2013(provisional)              | undecided                     | undecided             | MLIT               | NTSEL              |         |
| 123     | ADAPTIVE FRONT –LIGHTING SYSTEMS  |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 125     | THE FORWARD FIELD OF VISION   |                             |        |       |                                |                               |                       |                    |                    |         |

**“Adopt” means “use the UN/ECE certificate for the vehicle (component) type approval / mutual recognition systems as the Contracting Party of the 1958”.**

**“Accept” means “use the UN/ECE certificate for your approval” or “use the UN/ECE certificate for your test result even without adoption of UN/ECE regulations under the Contracting Party of 1958 Agreement”.**

**“Refer” means “introducing the technical requirements of the UN/ECE regulations into your own country laws or/and regulations sometimes adding or changing some of them.”**



| ECE No. | Item  | #Implementation/plan method |        |       | Implementation/plan date(year) | Effective date                |                       | Approval Authority | Technical Services | remark  |
|---------|---|-----------------------------|--------|-------|--------------------------------|-------------------------------|-----------------------|--------------------|--------------------|---------|
|         |   | Adopt                       | Accept | Refer |                                | for new type of vehicle(year) | for new vehicle(year) |                    |                    |         |
| 89      | SPEED LIMITATION DEVICES  |                             |        |       |                                |                               |                       |                    |                    |         |
| 91      | SIDE-MARKER LAMPS   |                             |        |       |                                |                               |                       |                    |                    |         |
| 95      | PROTECTION OF THE OCCUPANTS IN THE EVENT OF A LATERAL COLLISION             |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 98      | GAS-DISCHARGE HEADLAMPS   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 99      | GAS-DISCHARGE LIGHT SOURCES   |                             |        |       |                                |                               |                       |                    |                    |         |
| 100     | BATTERY ELECTRIC VEHICLES   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 101     | EMISSION OF CARBON DIOXIDE AND FUEL CONSUMPTION (PASSENGER CAR)             |                             |        |       |                                |                               |                       |                    |                    |         |
| 112     | HEADLAMPS (WITH AN ASYMMETRICAL PASSING BEAM)                               |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 116     | PROTECTION AGAINST UNAUTHORIZED USE   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 117     | THE APPROVAL OF TYRES WITH REGARD TO ROLLING SOUND EMISSIONS                |                             |        |       |                                |                               |                       |                    |                    |         |
| 119     | CORNERING LAMPS   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 121     | THE LOCATION AND IDENTIFICATION OF HAND CONTROLS, TELL-TALES AND INDICATORS | x                           |        |       | 2013(provisional)              | undecided                     | undecided             | MLIT               | NTSEL              |         |
| 123     | ADAPTIVE FRONT –LIGHTING SYSTEMS  |                             |        |       |                                |                               |                       |                    |                    | Adopted |

**”Adopt” means “use the UN/ECE certificate for the vehicle (component) type approval / mutual recognition systems as the Contracting Party of the 1958”.**

**”Accept” means “use the UN/ECE certificate for your approval” or “use the UN/ECE certificate for your test result even without adoption of UN/ECE regulations under the Contracting Party of 1958 Agreement”.**

**”Refer” means “introducing the technical requirements of the UN/ECE regulations into your own country laws or/and regulations sometimes adding or changing some of them.”**

## Regulation list of L(Motorcycle) for vehicle type approval

Economy : JAPAN

#Please enter 'x' mark in the corresponding column with reference to a question 2-4-1.

| EC E No. | Item   | #Implementation/plan method |        |       | Implementation/plan date(year) | Effective date                |                       | Approval Authority | Technical Services | remark  |
|----------|--|-----------------------------|--------|-------|--------------------------------|-------------------------------|-----------------------|--------------------|--------------------|---------|
|          |  | Adopt                       | Accept | Refer |                                | for new type of vehicle(year) | for new vehicle(year) |                    |                    |         |
| 3        | REFLEX REFLECTORS  |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 7        | FRONT AND REAR POSITION(SIDE) LAMPS, STOP LAMPS AND END-OUTLINE MARKER LAMPS |                             |        |       |                                |                               |                       |                    |                    |         |
| 9        | NOISE (THREE-WHEELED VEHICLES)   |                             |        |       |                                |                               |                       |                    |                    |         |
| 10       | ELECTROMAGNETIC COMPATIBILITY  |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 28       | AUDIBLE WARNING DEVICES  |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 37       | FILAMENT LAMPS   |                             |        |       |                                |                               |                       |                    |                    |         |
| 39       | SPEEDOMETER  |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 40       | EXHAUST EMISSION (MOTOR CYCLE)   |                             |        |       |                                |                               |                       |                    |                    |         |
| 41       | NOISE (MOTOR CYCLE)  | x                           |        |       | 2013(provisional)              | undecided                     | undecided             | MLIT               | NTSEL              |         |
| 46       | REAR-VIEW MIRRORS  |                             |        |       |                                |                               |                       |                    |                    |         |
| 47       | EXHAUST EMISSION (MOPED)   |                             |        |       |                                |                               |                       |                    |                    |         |
| 50       | LIGHTS (MOPED, MOTOR CYCLE)  |                             |        |       |                                |                               |                       |                    |                    |         |
| 53       | INSTALLATION OF LIGHTS (MOTOR CYCLE)   |                             |        |       |                                |                               |                       |                    |                    |         |
| 60       | DRIVER OPERATED CONTROLS (MOPED, MOTOR CYCLE)                                |                             |        |       |                                |                               |                       |                    |                    |         |
| 62       | PROTECTION AGAINST UNAUTHORIZED USE (MOTOR CYCLE)                            |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 63       | NOISE (MOPED)  |                             |        |       |                                |                               |                       |                    |                    |         |
| 74       | INSTALLATION OF LIGHTS (MOPED)   |                             |        |       |                                |                               |                       |                    |                    |         |
| 75       | PNEUMATIC TYRES (MOPED, MOTOR CYCLE)   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 78       | BRAKING (CATEGORY L)   |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 81       | REAR-VIEW MIRRORS (MOTOR CYCLE)  |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 112      | HEADLAMPS (WITH AN ASYMMETRICAL PASSING BEAM)                                |                             |        |       |                                |                               |                       |                    |                    | Adopted |
| 113      | HEADLAMPS (WITH A SYMMETRICAL PASSING BEAM)                                  |                             |        |       |                                |                               |                       |                    |                    |         |

**"Adopt"** means "use the UN/ECE certificate for the vehicle (component) type approval / mutual recognition systems as the Contracting Party of the 1958".

**"Accept"** means "use the UN/ECE certificate for your approval" or "use the UN/ECE certificate for your test result even without adoption of UN/ECE regulations under the Contracting Party of 1958 Agreement".

**"Refer"** means "introducing the technical requirements of the UN/ECE regulations into your own country laws or/and regulations sometimes adding or changing some of them."

# Malaysia

## Gazette and Enforcement of UN Regulations

### Statistic of Gazette and Enforcement of UN Regulations

| Gazette Year | Number of UN Regulation | Department/Agencies Involved                                    |
|--------------|-------------------------|---|
| 1997         | 3                       | Department of Environment (DOE)                                 |
| 2007         | 12                      | Ministry of Transport (MOT) and Road Transport Department (RTD) |
| 2010         | 4                       |   |
| 2011         | 35                      |   |
| 2012         | 1                       |   |
| <b>TOTAL</b> | <b>55</b>               |   |

**Table A : Gazette between Year 1997 to 2010**

| No. | UN Regulation | Description  | Gazette Date     | Enforcement Date |                |
|-----|---------------|--|------------------|------------------|----------------|
| 1.  | R 15          | <i>Exhaust Emission</i>                                      | 1 January 1997   | 1 January 1997   |                |
| 2.  | R 49          | <i>Diesel Emission</i>                                       |                  |                  |                |
| 3.  | R 24          | <i>Diesel Smoke</i>  |                  |                  |                |
| 4.  | R 66          | <i>Superstructure Strength Of Public Service Vehicle</i>     | 19 November 2007 | 1 January 2008   |                |
| 5.  | R 30          | <i>Pneumatic Tyres</i>                                       |                  | 1 January 2010   |                |
| 6.  | R 54          | <i>Pneumatic Tyres (Commercial Vehicle)</i>                  |                  | 1 January 2010   |                |
| 7.  | R 108         | <i>Retreaded Pneumatic Tyres</i>                             |                  | 1 January 2010   |                |
| 8.  | R 109         | <i>Retreaded Pneumatic Tyres (Commercial Vehicles)</i>       |                  | 1 January 2010   |                |
| 9.  | R 16          | <i>Safety Belt</i>   |                  | 1 January 2010   |                |
| 10. | R 36          | <i>Construction On Public Service Vehicle</i>                |                  | 1 January 2012   |                |
| 11. | R 48          | <i>Installation Of Lights (HID)</i>                          |                  | 1 January 2012   |                |
| 12. | R 52          | <i>Construction Of Small Capacity Public Service Vehicle</i> |                  | 1 January 2012   |                |
| 13. | R 80          | <i>Seats (Large Passenger Vehicle)</i>                       |                  | 1 January 2012   |                |
| 14. | R 98          | <i>Gas Discharge Headlamp</i>                                |                  | 1 January 2012   |                |
| 15. | R 99          | <i>Gas Discharge Headlamp (Light Sources)</i>                |                  | 1 January 2012   |                |
| 16. | R 116         | <i>Protection Against Unauthorized Use</i>                   |                  | 7 April 2010     | 1 July 2010    |
| 17. | R 97          | <i>Vehicle Alarm System</i>                                  |                  |                  | 1 July 2010    |
| 18. | R 18          | <i>Protection Against Unauthorized Use</i>                   |                  |                  | 1 January 2012 |
| 19. | R 62          | <i>Protection Against Unauthorized Use</i>                   | 1 January 2012   |                  |                |



## **Table B : Gazette in Year 2011**

Gazette Date : 15 December 2011

Enforcement Date : 1 January 2012 (Enforced through VTA Application only)

| No. | UN Regulation | Description  |
|-----|---------------|--|
| 1.  | R100          | <i>Construction of Battery Electric Vehicle</i>                                |
| 2.  | R3            | <i>Reflex Reflector</i>  |
| 3.  | R6            | <i>Direction Indicators</i>  |
| 4.  | R7            | <i>Front and Rear Position (Side) Lamps, Stop Lamps and End-Outline Marker</i> |
| 5.  | R13           | <i>Braking</i>   |
| 6.  | R13H          | <i>H-Braking</i>   |
| 7.  | R14           | <i>Seatbelt Anchorage</i>  |
| 8.  | R17           | <i>Seats</i>   |
| 9.  | R25           | <i>Head Restraint</i>  |
| 10. | R28           | <i>Audible Warning Device</i>  |
| 11. | R39           | <i>Speedometer</i>   |
| 12. | R40           | <i>Exhaust Emission (Motorcycle)</i>   |
| 13. | R41           | <i>Noise (Motorcycle)</i>  |
| 14. | R43           | <i>Safety Glass</i>  |
| 15. | R46           | <i>Rear-view Mirrors</i>   |
| 16. | R48*          | <i>Installation of Lights (HID)</i>  |
| 17. | R50           | <i>Lights (Motorcycle)</i>   |
| 18. | R51           | <i>Noise</i>   |
| 19. | R53           | <i>Installation of Lights (Motorcycle)</i>                                     |
| 20. | R58           | <i>Rear Under-run Protection</i>   |
| 21. | R69           | <i>Rear Marking Plates for Slow Moving Vehicle</i>                             |
| 22. | R70           | <i>Rear Marking Plates for Heavy and Long Vehicle</i>                          |
| 23. | R73           | <i>Lateral Protection (Goods Vehicle)</i>                                      |
| 24. | R75           | <i>Tyre (Motorcycle)</i>   |
| 25. | R78           | <i>Braking (L Category)</i>  |
| 26. | R79           | <i>Steering Equipment</i>  |
| 27. | R81           | <i>Rear-view Mirrors (Motorcycle)</i>  |
| 28. | R83           | <i>Gaseous Pollutants</i>  |
| 29. | R90           | <i>Replacement Brake Lining Assemblies</i>                                     |
| 30. | R93           | <i>Front Under-run Protection</i>  |
| 31. | R94           | <i>Protection of the Occupants in the event of a Frontal Collision</i>         |
| 32. | R95           | <i>Protection of the Occupants in the event of a Lateral Collision</i>         |
| 33. | R104          | <i>Retro-reflective Markings for Heavy and Long Vehicles</i>                   |
| 34. | R112          | <i>Headlamps (Assymetrical)</i>  |
| 35. | R113          | <i>Headlamps (Symetrical)</i>  |

## **Table C : Gazette in Year 2012**

Gazette Date : 4 April 2012

| No. | UN Regulation | Description   |
|-----|---------------|---|
| 1.  | R22           | <i>Protective Helmet &amp; Visor for driver &amp; passenger of motorcycle and moped</i> |

## **Table D : Prior to Gazette in Year 2012**

Gazette Date : 2012

Enforcement Date : 1 January 2015 (Enforced through VTA Application only)

| No. | UN Regulation | Description  |
|-----|---------------|--|
| 1.  | R4            | <i>Rear Registration Plate Lamp</i>                                    |
| 2.  | R10           | <i>Radio Interference Suppression</i>                                  |
| 3.  | R11           | <i>Door Latches and Hinges</i>   |
| 4.  | R19           | <i>Front Fog Lamps</i>   |
| 5.  | R21           | <i>Interior Fittings</i>   |
| 6.  | R23           | <i>Reversing Lamps</i>   |
| 7.  | R26           | <i>External Projection</i>   |
| 8.  | R34           | <i>Prevention of Fire Risks</i>  |
| 9.  | R37           | <i>Filament Lamps</i>  |
| 10. | R38           | <i>Rear Fog Lamps</i>  |
| 11. | R44           | <i>Child Restraint</i>   |
| 12. | R45           | <i>Headlamp Cleaners</i>   |
| 13. | R55           | <i>Mechanical Coupling</i>   |
| 14. | R60           | <i>Driver Operated Control (Motorcycle)</i>                            |
| 15. | R61           | <i>External Projection</i>   |
| 16. | R64           | <i>Temporary Spare Tyres</i>   |
| 17. | R77           | <i>Parking Lamps</i>   |
| 18. | R89           | <i>Speed Limitation Device</i>   |
| 19. | R91           | <i>Side-marker Lamps</i>   |
| 20. | R101          | <i>Emission of Carbon Dioxide and Fuel Consumption (Passenger Car)</i> |
| 21. | R117          | <i>Tyres with regard to rolling sound emission</i>                     |
| 22. | R119          | <i>Cornering Lamp</i>  |
| 23. | R121          | <i>Hand Controls, tell-tales and indications</i>                       |

# **Vehicle Type Approval In Indonesia**



**Directorate of Road Traffic and Transport  
Directorate General of Land Transport  
Ministry of Transportation**

**Manila, 4-6 December 2012**



# Legislations

1. Law No. 22/2009 about Road Traffic and Road Transport
2. Government Regulation No. 55/2012 about Vehicle
3. Ministerial Decree No. KM 9/2004 about Motor Vehicle Inspection (Vehicle Type Approval)
4. Ministerial Decree No. 71/1993 about Periodical Motor Vehicle Inspection
5. Etc;

Note: it needs to revise some Ministerial Decrees and Director General Decrees after issuing Law No.22/2009 and Government Regulation No. 55/2012.



# Introduction (1)

1. Based on article 48 of the Law Number 22/2009 >>>>>every single motor vehicles which will be used and operated in public road must fulfill technical and road worthiness requirements;
2. To ensure fulfilling technical requirements and road worthiness requirements, motor vehicles must be tested and inspected;
3. There are 2 kinds of motor vehicle inspection, i.e:
  - a. Vehicle Type Inspection (Vehicle Type Approval);
  - b. Vehicle Periodical Inspection;



## Introduction (2)

4. There are two kinds of vehicle type inspection (vehicle type approval system) in Indonesia i.e:
  - a. inspection and testing of motor vehicle chassis and whole (completed) motor vehicles;
  - b. inspection of vehicle engineering and construction design;



# Technical requirements

- a. Structures;
- b. Equipments;
- c. Dimension;
- d. Body making;
- e. Technical designed that complied with vehicle purpose;
- f. Loading;
- g. The purpose;
- h. Trailering vehicles; and/or
- i. Semi trailering vehicle.



# Road Worthiness requirements

- a. Exhaust gas emission;
- b. Noise;
- c. Efficiency of main braking system;
- d. Efficiency of parking braking system;
- e. Side slip;
- f. Sound of horn;
- g. Light emission and direction of head lamp;
- h. Turning radius;
- i. The accuracy of speedometer;
- j. The compliance of wheel performance and condition of tire; and
- k. The compliance of engine power ratio.



# VEHICLE TYPE APPROVAL SYSTEM

## (1)

1. According to the Law Number 22/2009 concerning with Road Traffic and Transport, article 50 states that every single motor vehicle type which is imported, produced/assembled, or modified (in relation to dimensions, engines, and pay loaded capacity), must be inspected and tested at Vehicle Testing and Certification Center, Bekasi.

# VEHICLE TYPE APPROVAL SYSTEM (2)

2. Before inspecting and testing the vehicle, the applicant must submit their complete application documents to the government (Approval Authority, i.e. Directorate General of Land Transportation, Ministry of Transport) to inspect and test the proposed vehicle;

# VEHICLE TYPE APPROVAL SYSTEM

(3)

3. Based on the complete application documents, the government reply the application and send a letter to the applicant and VTCC (Vehicle Testing and Certification Center) as a technical service to conduct next process. Then, VTCC provide a schedule for the proposed vehicle to be inspected and tested, and inform the date of inspection and testing to the applicant;

# VEHICLE TYPE APPROVAL SYSTEM

(4)

4. Based on the schedule, the proposed vehicle is inspected and tested at VTCC, and the inspection and testing result sent from VTCC-Bekasi (as a technical service) to the Directorate General of Land Transportation, Ministry of Transport (as Approval Authority);

# VEHICLE TYPE APPROVAL SYSTEM

(5)

5. There are two inspection and test results: either fulfilled the technical and road worthiness requirements or not (pass or fail). For the proposed vehicle which was passed the test, the Directorate General of Land Transport issued a Certificate of Type Approval, and for the failed vehicle is required to re-inspected and tested for the item failed (once).

# HARMONIZATION OF INTERNATIONAL REGULATION

## (1)

1. In order to prepare Indonesia joining Working Party 29 (WP29) of United Nations as a Forum for Harmonization of International Regulation on Automotive, ad-hoc committee called Indonesia Automobile Standards Internationalization Forum (IASIF) has been established on June 9, 2011. This ad-hoc committee has also task to prepare and formulate Vehicle Type Approval System that might be in line with the concept of International Whole Vehicle Type Approval (IWVTA) of WP29;

# HARMONIZATION OF INTERNATIONAL REGULATION

## (2)

2. Members of IASIF are representatives from: Ministry of Transport (MOT), Ministry of Industry (MOI), Ministry of Environment (MOE), Association of Indonesian Automotive Industries (GAIKINDO), Association of Indonesian Motorcycle Industries (AISI), Association of Indonesian Automotive Device Industries (GIAMM), Society of Automotive Engineer;

# HARMONIZATION OF INTERNATIONAL REGULATION

## (3)

3. The priority for UN Regulation to be implemented by Indonesia is not only based on the readiness of Indonesia, but also based on the agreement among ASEAN member countries through ASEAN Consultative for Standard and Quality Automotive Product Working Group (ACCSQ-APWG) to use UN Regulation as main reference in harmonization of automotive regulation;



# HARMONIZATION OF INTERNATIONAL REGULATION

## (4)

4. For the first step, ACCSQ-APWG noted that there are 19 Regulations considered to be harmonized in 2015 as follows:

R13, R13H, R14, R16, R17, R25, R30, R43, R46, R49, R51, R54, R79, R83 (motor vehicles)

R39, R40, R41, R60, R75. (motorcycles)



Thank you very much



# Motor Vehicle Safety Standard Harmonization in Korea

**5. Dec. 2012**

**Ministry of Land, Transport and Maritime Affairs,  
Korea Automobile Testing and Research Institute**

# Contents

1. Current Status of Harmonization
2. Plan of Harmonization

# 1. Current Status of Harmonization

## Summary of Harmonized Regulations

| Year  | No. of UN GTR | No. of UN Regulation |
|-------|---------------|----------------------|
| 2006  | 1             | 2                    |
| 2008  | 2             | 7                    |
| 2009  | -             | 2                    |
| 2010  | 3             | 9                    |
| 2011  | -             | 4                    |
| 2012  | -             | 8                    |
| Total | 6             | 32                   |

# 1. Current Status of Harmonization

## □ Harmonized Regulations

| Year | UN GTR  | UN Regulation   |
|------|---|---|
| 2006 | - <b>GTR No. 1</b> :<br>Door locks & retention  | - <b>R13H</b> : Passenger vehicle brake<br>- <b>R19</b> : Front fog lamp  |
| 2008 | - <b>GTR No. 3</b> :<br>Motorcycle brake<br>- <b>GTR No. 9</b> :<br>Pedestrian safety | - <b>R14</b> : Safety belt anchorages<br>- <b>R53</b> : Motorcycle installation<br>- <b>R57</b> : Motorcycle headlamp<br>- <b>R107</b> : Safety Inclination angle<br>- <b>R39</b> : Speedometer<br>- <b>R95</b> : Side Collision<br>- <b>R123</b> : Semi-AFLS |
| 2009 | -   | - <b>R48</b> : Hazard warning signal<br>- <b>R73</b> : Lateral Protection   |

# 1. Current Status of Harmonization

## □ Harmonized Regulations

| Year | UN GTR  | UN Regulations   |
|------|---|--|
| 2010 | <ul style="list-style-type: none"><li>- GTR No. 6 : Safety glazing</li><li>- GTR No. 7 : Head restraint</li><li>- GTR No. 8 : ESC</li></ul> | <ul style="list-style-type: none"><li>- R6 : Side direction indicator</li><li>- R10 : EMC</li><li>- R13 : Spring brake</li><li>- R46 : Rear view mirror</li><li>- R79 : Steering effort</li><li>- R87 : DRL</li><li>- R112: Asymmetric headlamps</li><li>- R123 : Full AFLS</li><li>- R125 : Field of Vision</li></ul> |

# 1. Current Status of Harmonization

## □ Harmonized Regulations

| Year | UN GTR | UN Regulations  |
|------|--------|---|
| 2011 | -      | <ul style="list-style-type: none"><li>- R64 : TPMS</li><li>- R85 : Engine and Net power</li><li>- R42 : Bumper</li><li>- R91 : Side marker Lamp</li></ul>                           |
| 2012 |        | <ul style="list-style-type: none"><li>- R1,8,20,72,112,113 : Headlamp for motorcycle</li><li>- R50 : Light &amp; Lighting device</li><li>- R13 : Brake Assist System(BAS)</li></ul> |



## 2. Plan of Harmonization

### □ UN Regulations under study(2012) : 16 Items

| Year | UN Regulations   |
|------|--|
| 2012 | <ul style="list-style-type: none"><li>- Pneumatic Tyres (R30, 54)</li><li>- Identification of Controls &amp; tell-tale (R121)</li><li>- Protection Against Unauthorized Use (R18)</li><li>- Safety Belts (R16)</li><li>- Driver's seat, Door, Gangway, Standing Room, etc (R107)</li><li>- Pneumatic Tyres (motorcycle) (R75)</li><li>- Rear-view Mirrors (motorcycle) (R81)</li><li>- Brake System (Regenerative brake) (R13)</li><li>- Headlamp Cleaner (R45)</li><li>- Parking Lamps (R77)</li><li>- Seat Belts Anchorage (R14, 16)</li><li>- Light Sources(25W HID) (R.99)</li></ul> |



## 2. Plan of Harmonization

---

- ❑ UN GTR under study(2012) : 6 items
  - Side Impact dummy (WorldSID)
  - Pole Side Impact (PSI)
  - Rechargeable Energy Storage System (RESS)
  - Quiet Road Transport Vehicle (QRTV)
  - Pedestrian Safety - Flex-PLi
  - Tyres



---

# Thank you very much ! !



**The 3<sup>rd</sup> Public & Private Joint Forum in Asian Region  
-The 17<sup>th</sup> JASIC ASIA Government/Industry Meeting-**

**Prepared by:**

**Department of Transport**

**Ministry of Public Works and Transport, Laos.**

**5<sup>th</sup> December 2012**

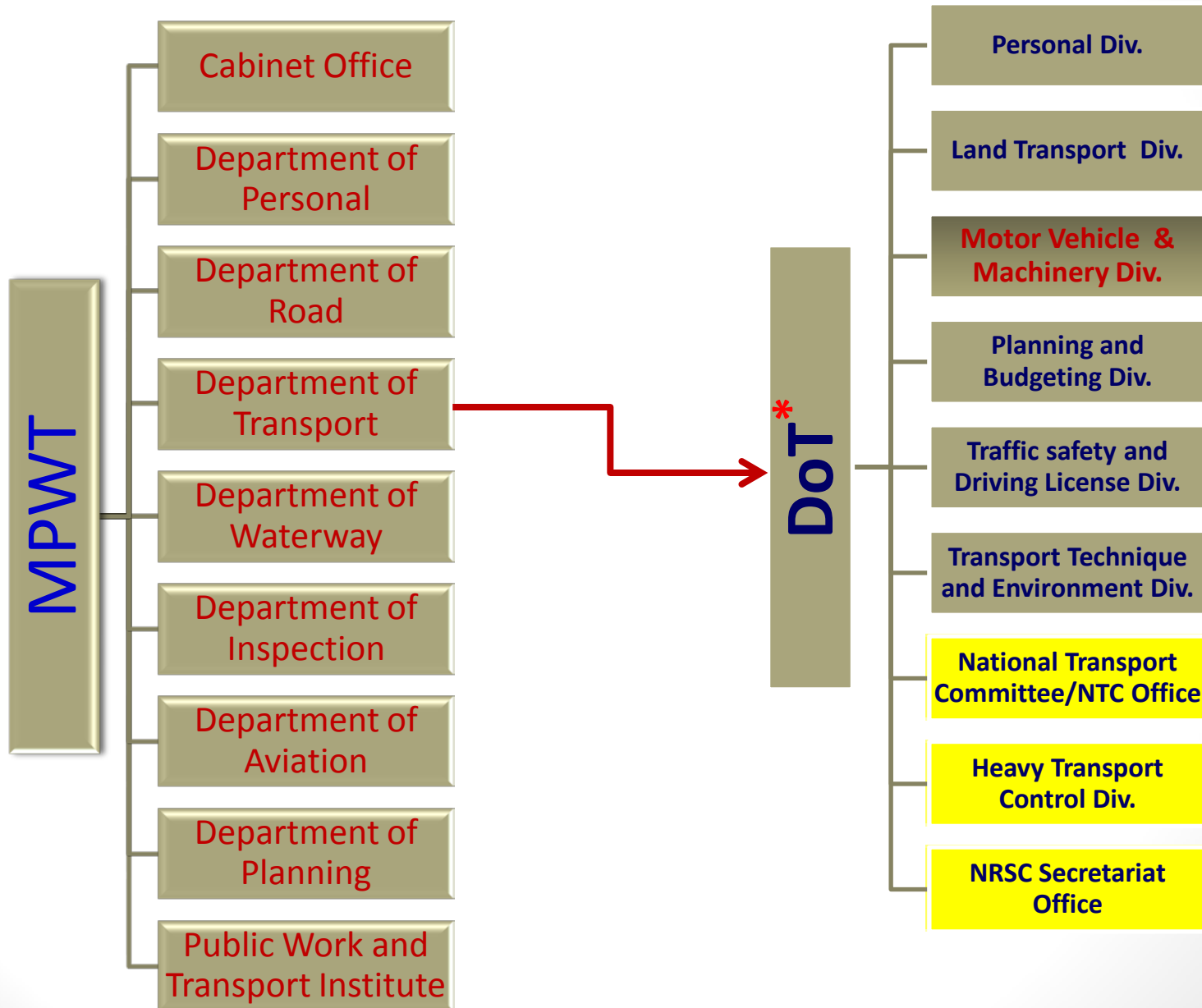
**@ Crowne Plaza Hotel**

**Manila, Philippines.**

# Content

- 1. Organization Chart**
- 2. Legislation**
- 3. Implementation of Vehicle Safety and Quality Control**
- 4. Problems/challenges**
- 5. Future directions**

# 1. Organization Chart



# **\*Term of Reference**

**The main duty of Department of Transport is:**

- To manage, improve and expand the system of land transport;**
- To set up the transport and logistics strategy plan;**
- To set up legislations such as vehicle safety standards, vehicle registrations and so on;**
- To issue driving licenses including Lao international license.**

## 2. Legislation

### ☞ Existing Laws/Regulations

- Road Traffic Law No 02/NA, Date 8 Apr 2000 (updating)
- Land Transport Law No 03-97/NA, Date 12 Apr 1997 (updating)
- Regulation No 4312/MCTPC, Dated 11 Nov 2002
- Regulation No 829/MCTPC, Dated 15 Mar 2000
- Prime Ministerial Decision No 78/PM, Dated 03 Jul 2012



# 3. Implementation of Vehicle Standard and Quality Control

## ➤ Responsibility Body

1. Ministry of Industry and Commerce (Import-Export Dept.)

- Kota importation

2. Ministry of Public Works and Transport (Transport Dept.)

Importation: left hand side and manufacturing certificate

Issuing Certification: motor vehicles manufactured in Laos

Register: Technical Inspection

Point to note: not yet implementation an emission test

# Parts/Components

# Whole Vehicle



ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ  
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

017 3087

049024

ເລກທີ: /ກຂສ

ວັນທີ: 02 NOV 2012



ໃບອະນຸຍາດທາງດ້ານເຕັກນິກ ສັນສ່ວນອາໄຫລ່ເຂົ້າປະເທດ  
ສຳລັບປະກອບລົດໃນ ສປປ ລາວ ເພື່ອຈຳໜ່າຍພາຍໃນປະເທດ

- ອີງຕາມຂໍ້ຕົກລົງຂອງ ນາຍົກລັດຖະມົນຕີ ສະບັບເລກທີ: 14/ນຍ, ລົງວັນທີ: 28/02/2003 ກ່ຽວກັບກົນໄກການນຳເຂົ້າລົດ, ສັນສ່ວນອາໄຫລ່ລົດ ເພື່ອມາປະກອບຢູ່ໂຮງງານ
- ອີງຕາມຂໍ້ກຳນົດຂອງ ກະຊວງ ຄະປກ, ສະບັບ ເລກທີ: 4312/ຄະປກ, ລົງວັນທີ: 11/11/2002 ກ່ຽວກັບ ມາດຕະຖານເຕັກນິກ ຍານພາຫະນະ ແລະ ສັນສ່ວນ ຂອງຍານພາຫະນະ ທີ່ຈະໄດ້ຮັບ ອະນຸຍາດ ໃຫ້ນຳເຂົ້າມາຂົນທະຍານ ແລະ ປະກອບເປັນສັນ ເພື່ອນຳໃຊ້ ຢູ່ໃນ ສປປ ລາວ.
- ອີງຕາມ ໃບສະເໜີ ຂອງ ບໍລິສັດ ຍິວຈິບເຊັງ ຈຳກັດ ເລກທີ: 1061/ນາຊ ລົງວັນທີ: 01/11/2012 ຜ່ານການຄົ້ນຄວ້າດ້ານເຕັກນິກ ກົມຂົນສົ່ງ ເຫັນດີ ອະນຸຍາດໃຫ້ ບໍລິສັດ ຍິວຈິບເຊັງ ຈຳກັດ ນຳສັນສ່ວນອາໄຫລ່ເຂົ້າປະເທດ ສຳລັບປະກອບລົດໃນ ສປປ ລາວ ເພື່ອຈຳໜ່າຍພາຍໃນ ເຊິ່ງມີລາຍລະອຽດດັ່ງນີ້:

| ລ/ດ | ປະເພດ                   | ຍີ້ຫໍ້ | ລຸ້ນ  | ຊີຊີ | ເລກຈັກ                  | ເລກຈັງ                  | ສະພາບເຕັກນິກ | ລະບົບພວງມະໂລ | ຈຳນວນ |
|-----|-------------------------|--------|-------|------|-------------------------|-------------------------|--------------|--------------|-------|
| 1   | ລົດຈັກ<br>(ເປັນສັນສ່ວນ) | HONDA  | NF100 | 100  | NF100E-823 7115<br>ເຖິງ | NF100 -823 7115<br>ເຖິງ | 100%         | 400          | SETS  |
|     |                         |        |       |      |                         |                         | TOTAL =      | 400          | SETS  |

ໝາຍເຫດ:

1. ສັນສ່ວນອາໄຫລ່ ທີ່ນຳເຂົ້າຕົວຈິງຕ້ອງໃຫ້ຖືກກັບ ມາດຕະຖານເຕັກນິກ ແລະ ຈຳນວນຕາມໃບອະນຸຍາດ ສະບັບນີ້ ຢ່າງຄົບຖ້ວນ
  2. ໃຫ້ປະຕິບັດຕາມຂໍ້ກຳນົດ ກ່ຽວກັບມາດຕະຖານເຕັກນິກ ພາຫະນະນຳເຂົ້າ ແລະ ສັນສ່ວນປຽບຢູ່ ສປປ ລາວ ສະບັບເລກທີ: 4312/ຄະປກ, ລົງວັນທີ: 11/11/2002 ຢ່າງເຂັ້ມງວດ
  3. ເອກະສານສະບັບນີ້ ມີຄຸນຄ່ານຳໃຊ້ໄດ້ເທື່ອດຽວ ແລະ ຫມິດກຳນົດ ວັນທີ: 02 FEB 2013
- \* ດ່ານທີ່ນຳເຂົ້າ ແມ່ນດ່ານ ນຳຜາດ ( ແອດວງ ບໍລິຄຳໂຊ )

ຫົວໜ້າກົມ  
ບົດເປັນ ໄຊຍະສານ



06T\_001\_2009

ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ  
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

017 3116

049053

ເລກທີ: /ກຂສ

ວັນທີ: 02 NOV 2012



ໃບອະນຸຍາດທາງດ້ານເຕັກນິກ ນຳຍານພາຫະນະ  
ກົນຈັກເຂົ້າ ແລະ ສັນສ່ວນປຽບຢູ່ ສປປ ລາວ

- ອີງຕາມລາຍງານ ຂອງສ້ອງວ່າການ ສຳນັກງານ ນາຍົກລັດຖະມົນຕີ ສະບັບ ເລກທີ: 1681/ສສນຍ, ລົງວັນທີ: 07/10/2004 ກ່ຽວກັບ ຂົນສົ່ງການດຳເນີນເອກະສານ ເພື່ອ ນຳເຂົ້າ-ສ້ອງອອກ ແລະ ຈຳລະຈອບສິນຄ້າ ຢູ່ນາຍໃນນາຍເທດ
  - ອີງຕາມ ຂໍ້ຕົກລົງ ສະບັບເລກທີ 14260/ຍສຂ, ລົງວັນທີ 13/11/2008 ຂອງລັດຖະມົນຕີວ່າການກະຊວງ ບຸກຄະ ຜູ້ດຳລັບການຈັດຕັ້ງ ແລະ ການເຄື່ອນໄຫວສ້ອງ ກົມຂົນສົ່ງ.
  - ອີງຕາມຂໍ້ກຳນົດຂອງ ກະຊວງ ຄະປກ, ສະບັບ ເລກທີ: 4312/ຄະປກ, ລົງວັນທີ: 11/11/2002 ກ່ຽວກັບ ມາດຕະຖານເຕັກນິກ ຍານພາຫະນະ ແລະ ສັນສ່ວນ ຂອງຍານພາຫະນະ ທີ່ຈະໄດ້ຮັບ ອະນຸຍາດ ໃຫ້ນຳເຂົ້າມາຂົນທະຍານ ແລະ ປະກອບເປັນສັນ ເພື່ອນຳໃຊ້ ຢູ່ໃນ ສປປ ລາວ.
  - ອີງຕາມ ໃບອະນຸຍາດ ຂອງ ກົມການນຳເຂົ້າ ແລະ ສ້ອງອອກ ເລກທີ: 119/ກຂສ ລົງວັນທີ: 30/10/12
  - ອີງຕາມ ໃບສະເໜີ ຂອງ ບໍລິສັດ ວຽງຢູນໂປເລັດ ຈຳກັດ ເລກທີ: 110/ນາຊ ລົງວັນທີ: 29/10/12
  - ດ່ານການຄົ້ນຄວ້າດ້ານເຕັກນິກ ຂອງວິຊາການ.
- ກົມຂົນສົ່ງ ເຫັນດີ ອະນຸຍາດໃຫ້ ບໍລິສັດ ວຽງຢູນໂປເລັດ ຈຳກັດ ນຳຍານພາຫະນະກົນຈັກເຂົ້າ ສປປ ລາວ ເຊິ່ງມີລາຍລະອຽດດັ່ງນີ້:

|                 |                 |  |  |
|-----------------|-----------------|--|--|
| ປະເພດ: ລົດຈັກ   | ຜູ້ຜະລິດ: FINO  | ເລກຈັກ: E3G5E 216243   | ຄວາມແຮງ: 110 (cc)                                      |
| Type            | Mode            | Engine Nr.   | ຈຳນວນສູນ: 1 ສູນ  |
| ຍີ້ຫໍ້: YAMAHA  | ສີ: ຕ່າ-ຮຽງ     | ເລກຖືງ: MLEKE148111216243  | ສະພາບເຕັກນິກ: 100% <input checked="" type="checkbox"/> |
| Mark            | Color           | Prime Nr.  | ໃຊ້ມາແລ້ວ ບໍ່ເປັນ 4 ປີ <input type="checkbox"/>        |
| ພວງມະໂລ:        | ຄວາມສູງ: (mm)   | ໃຊ້ນະລຶງງານນຳເນີນ: ກາສອນ <input type="checkbox"/> ; ແລັດຊິງ <input checked="" type="checkbox"/> ; ໂຢຊີ <input type="checkbox"/> ; ກາສ <input type="checkbox"/> |  |
| ປັນຈຸ ບ່ອນນັ່ງ: | ຄວາມປາວ: (mm)   | Energy/Fuel type: Diesel: Ben zine: Electric: Gas  |  |
| ປັດລົດ: 3011    | ຄວາມກວ້າງ: (mm) | ຈຳນວນລໍ້: 2 ລໍ້  | ຈຳນວນເລົາ: ເຍົາ ນຳສັກລົດເປົາ: 92 (KG)                  |

ໝາຍເຫດ:

1. ລົດທີ່ນຳເຂົ້າຕົວຈິງ ຕ້ອງໃຫ້ຖືກກັບ ມາດຕະຖານເຕັກນິກ ທີ່ລະບຸໄວ້ ຕາມໃບອະນຸຍາດ ສະບັບນີ້ ຢ່າງຄົບຖ້ວນ.
  2. ເອກະສານ ສະບັບນີ້ ມີຄຸນຄ່າ ນຳໃຊ້ໄດ້ເທື່ອດຽວ.
  3. ຍານພາຫະນະ ທີ່ໄດ້ຮັບອະນຸຍາດ ຕາມໃບອະນຸຍາດທາງດ້ານເຕັກນິກ ສະບັບນີ້ ຕ້ອງນຳເຂົ້າກ່ອນ ວັນທີ: 02 FEB 2013
- \* ດ່ານທີ່ນຳເຂົ້າ ແມ່ນດ່ານ ທີ່ລຸ່ມລັດຖະສານ.1.....

ຫົວໜ້າກົມ  
ບົດເປັນ ໄຊຍະສານ

# Vehicle Importation Procedures

➤ Regulation No 829/MCTPC,  
Dated 15 Mar 2000

Vehicle Import Permission from  
MOIC

Technical Certificate from  
DOT, MPWT

Pay tax at Border Warehouse  
(Thanaleng)

Vehicle Inspection, Documentation etc at Vehicle and Driving License  
Management Unit, DOT, MPWT

Vehicle License Plate and  
Registration Issuing

# Problems/Challenges

- 1. Inadequate specific law and regulation concerning to vehicle standard in order to control the vehicle assemble factory across country.**
- 2. Lack of knowledge and experiences on how create Vehicle Type Approval System.**
- 3. Lack of human resources in particularly mechanical engineer and specialist due to field.**

# Future Directions







1. Developing and Improving laws and regulations  
e.g. Decree on Motor Vehicle Standard
2. Classify vehicle category in the way of UN regulation
3. Develop vehicle registration and new license plate in term of ASEAN/GMS
4. Modern vehicle management (ITS)
5. Cooperation with ASEAN countries in order to create and develop vehicle standard in the country

# Comparison of UNECE and Laos on Vehicle Category

## Laos

| Class | Vehicle Category   |
|-------|--|
| ໑     | Motorcycle   |
| ຂ     | 3 wheels motorcycle<br>(Tuk Tuk)                           |
| ໓     | Light vehicle (car, pick up, jeep, mini bus-up to 7 seats) |
| ໔     | All trucks, trailer, Bus                                   |

## UNECE Vehicle Category

|        |                   |  |
|--------|-------------------|--|
| L      | Motor cycle       |   |
| M1     | Passenger vehicle |   |
| M2, M3 | Bus               |   |
| N1     | Light duty truck  |   |
| N2, N3 | Heavy duty truck  |   |
| O      | Trailer           |  |

Ref. UN/ECE/WP29/RE3



**Kob Chai**  
**Thank you**

**The 17<sup>th</sup> JASIC Asia Government / Industry Meeting**  
**4 - 6 , December 2012**  
**Manila, Philippines**



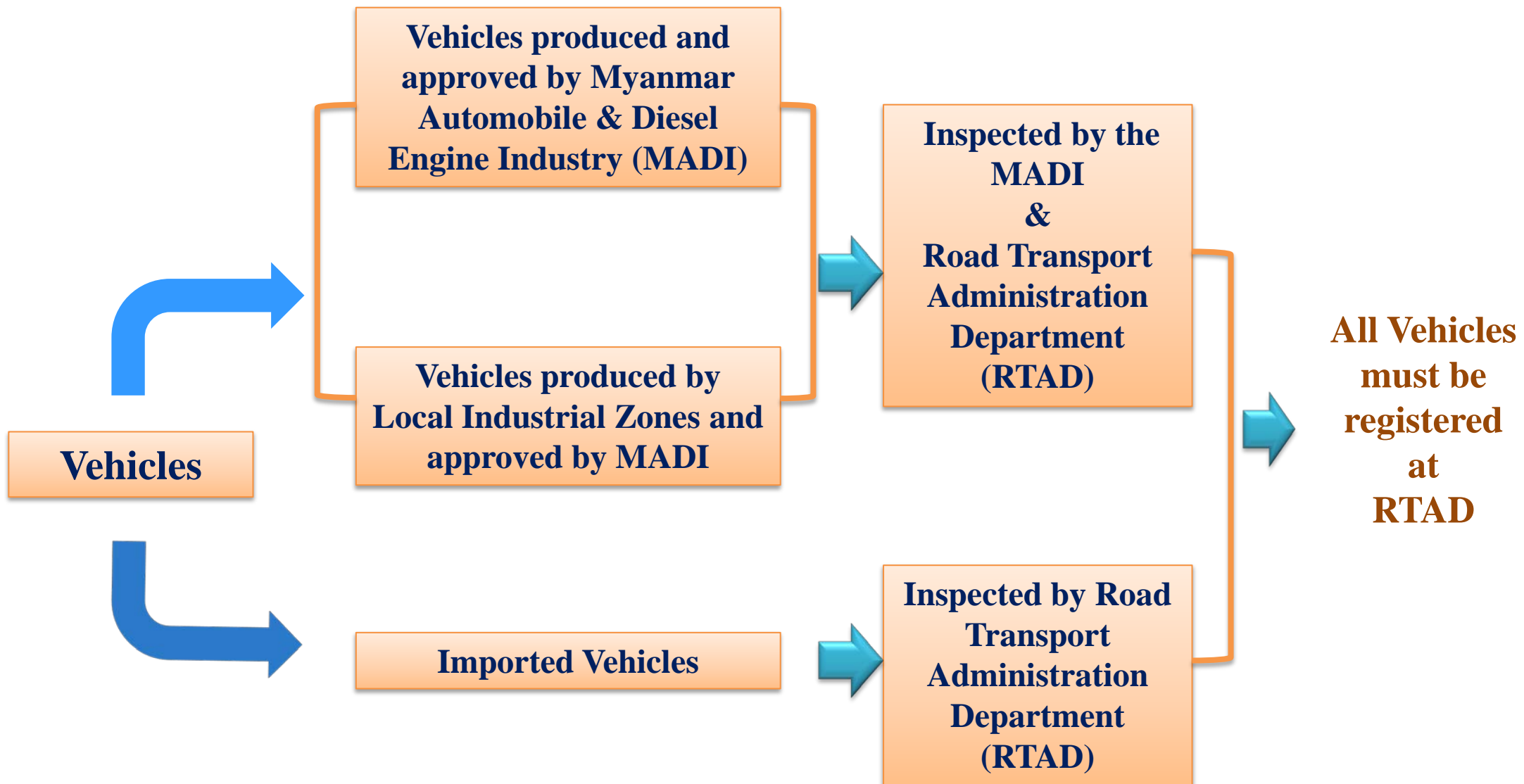
**Soe Win**  
**Chief Engineer**  
**Road Transport Administration Department**  
**Ministry of Rail Transportation**



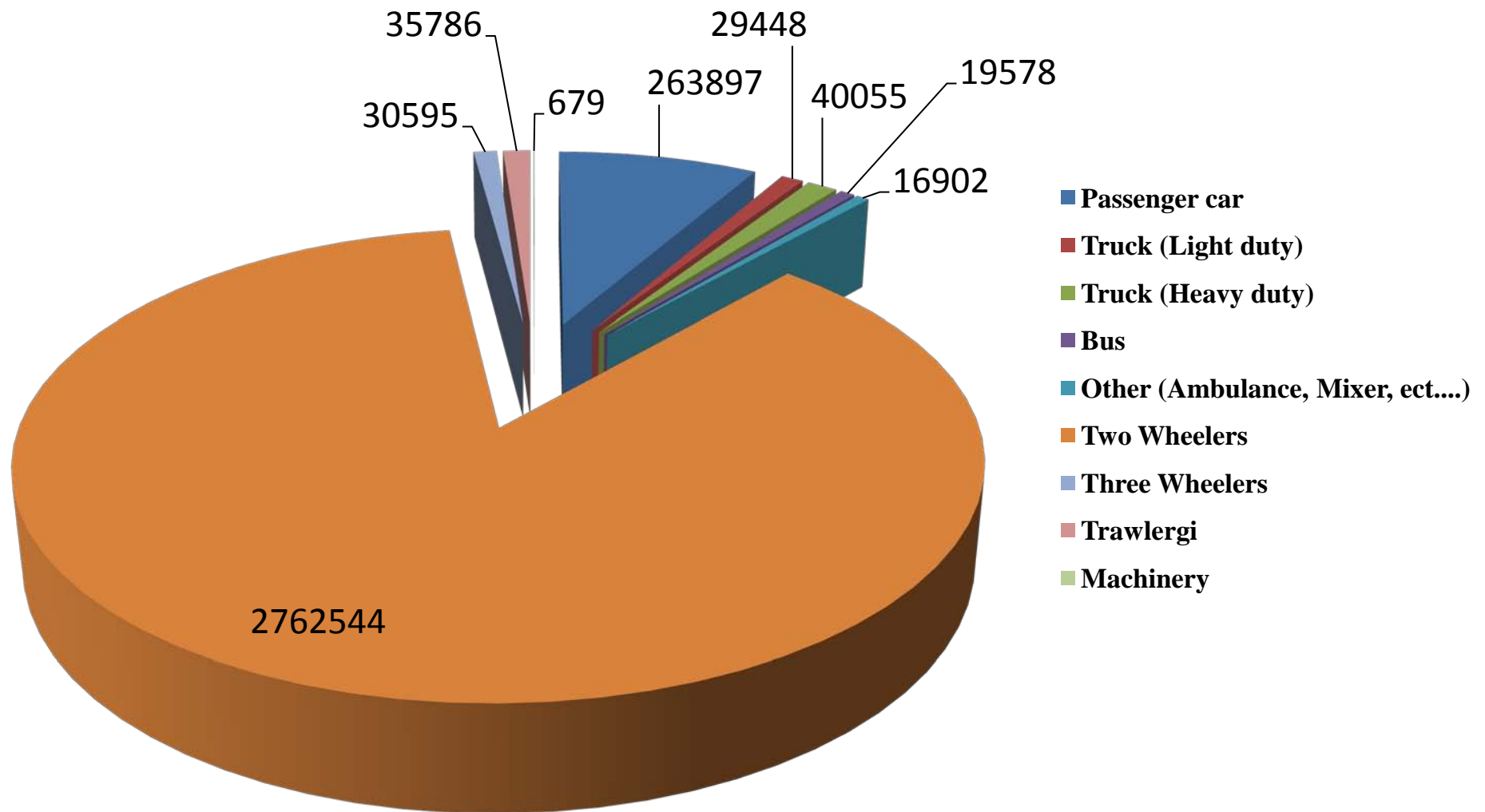
## Responsible Bodies for Vehicle Type Approval System Improvement in Myanmar

- Road Transport Administration Department (RTAD) under Ministry of Rail Transportation
- Myanmar Automobile and Diesel-engine Industry (MADI) under Ministry of Industry
- Industrial Development Committee (IDC)

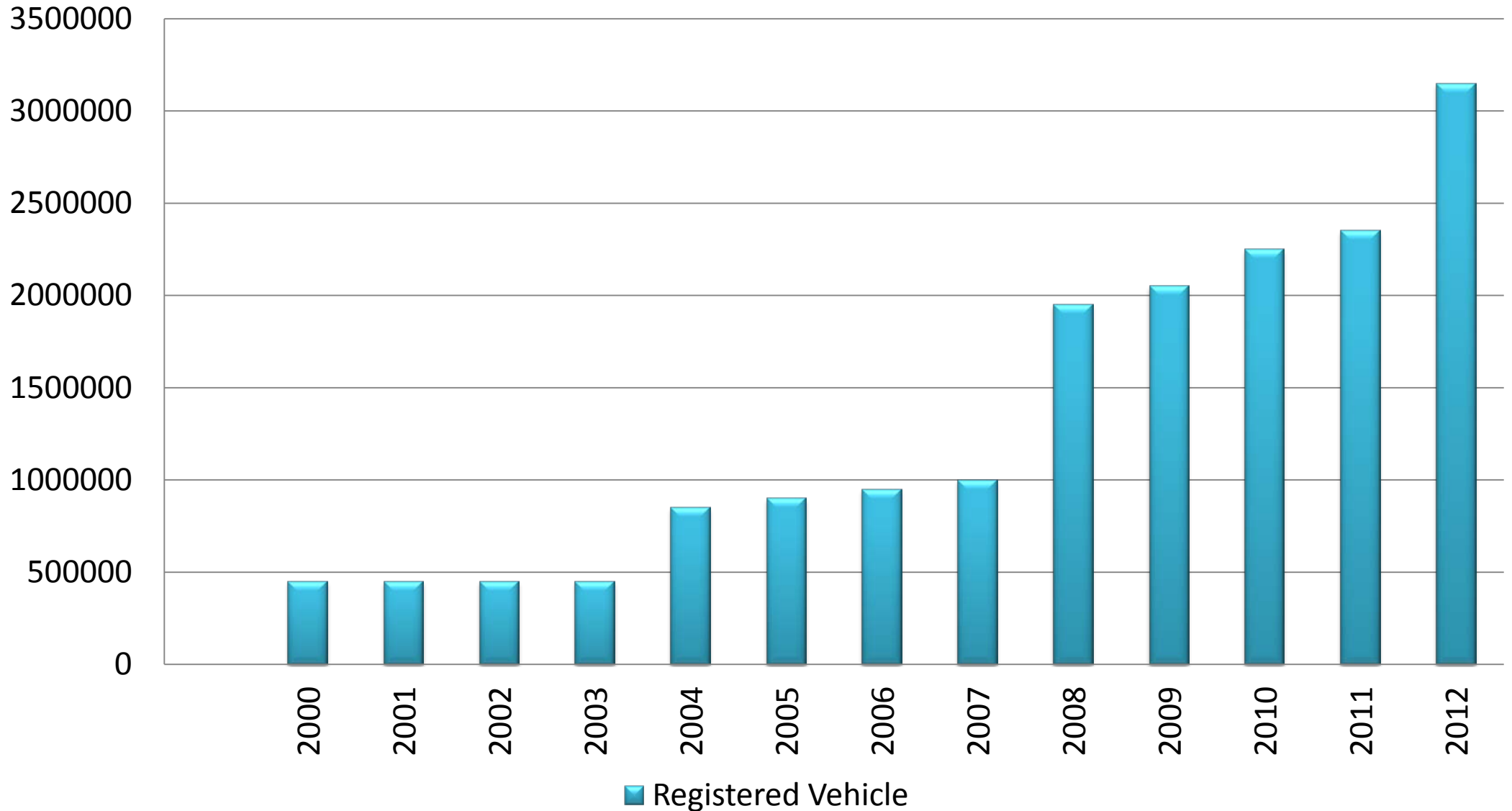
# Vehicle Type Approval System in Myanmar



# Total Registered Vehicles in Myanmar as of September 2012



# Vehicles Trend in Myanmar from 2001 to 2012, September



# VEHICLE Inspection

Inspect the construction of vehicle applying 1993 Testers' Manual.

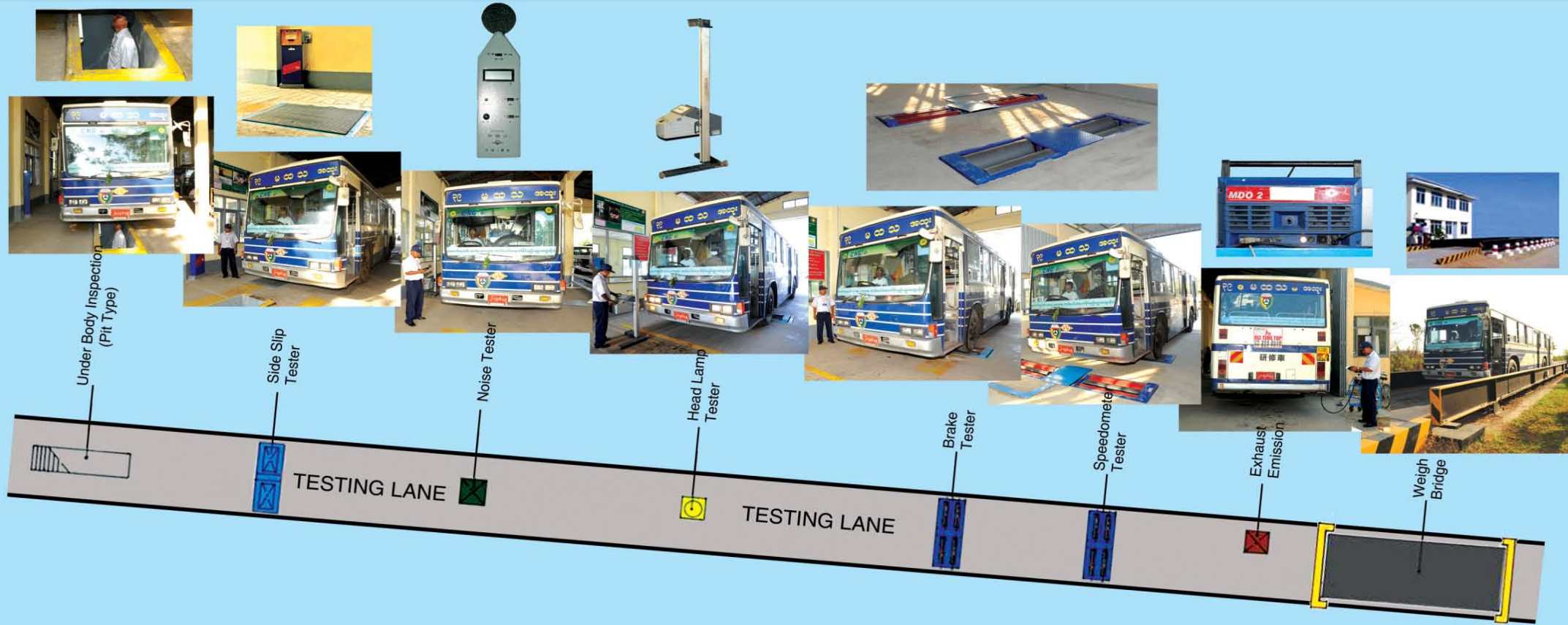
## Testing System

- Weight Testing
- Exhaust Emission Testing
- Brake Testing
- Head Lamp Testing
- Sound Level Testing
- Side Slip Testing
- Speedometer Testing
- Under Body Testing

## Tested by Machine

- Weight Bridge
- Exhaust Emission Tester
- Brake Tester
- Head Lamp Tester
- Noise Tester
- Side Slip Tester
- Speedometer Tester

# Motor Vehicle Inspection Testing Lane



# Current Situation

- Myanmar has some barriers for setting a schedule for the ECE items.
- We are still observing and not ready to adopt ECE items.
- We refer and apply 1958 Agreement and its amendments in our domestic vehicle industry.
- To accede the WP 29 Agreements, it is still needed to improve manpower, infrastructure, technology, rules and regulations in vehicle manufacturing procedures.

# Current Situation (cont'd)

- Currently, Myanmar cannot produce a great number of vehicles and a little number of vehicle are manufactured for the purpose of domestic use only.
- In producing vehicles, the domestic industries import parts and components made from Japan and Europe, the countries which are already accepted and applied the UN/ECE regulations.
- We have also accepted the vehicles that have been constructed in line with UNECE Regulations and Japanese Safety Regulations because the majority of the imported vehicles are from Japan.



## Cooperation to adopt WP 29 Activities 1958 & 1998 Agreement

- Myanmar has been participating as an observer in JASIC Asia Government/Industry Meeting. At present, we apply and refer some of UNECE Regulations in domestic type approval system.
- Myanmar has been participating and attending the Meetings of ACCSQ-APWG, and at these occasions, we inform our current situations and discuss to harmonize with VTA in our country.
- Through the above-mentioned meetings, we can observe the experiences of other countries.

## Cooperation to adopt WP 29 Activities 1958 & 1998 Agreement (cont'd)

- We keep on cooperating with ASEAN and Japan for International Whole Vehicle Type Approval System.
- In the early 2013, 14<sup>th</sup> AMEICC – WG – AI will be hold in Myanmar.

## Conclusion

- At present, Myanmar produces only a small number of vehicles.
- To accede the 1958 and 1998 Agreements, it needs to promote our existing manpower, infrastructure and financial situation.
- But we try our best to participate in WP 29 Activities.

**Thanks all of You!**



**BRIEFING OF**  
**VEHICLE TYPE APPROVAL SYSTEM**  
**IN MALAYSIA (COUNTRY REPORT)**

**AUTOMOTIVE ENGINEERING DIVISION**  
**ROAD TRANSPORT DEPARTMENT OF MALAYSIA**



# CONTENTS

- 1) MOT & JPJ Structure
- 2) Definition
- 3) Legal References
- 4) Government Policy
- 5) Accession to WP29
- 6) VTA Certification System
- 7) National Regulation (Example)
- 8) Conclusion



# MOT STRUCTURE



## MINISTRY OF TRANSPORT

LAND TRANSPORT



AVIATION



MARITIME



Road Transport Department



Road Safety Department



Malaysia Institute Research of Road Safety



To create and administer a registration and licensing system for all types of motor vehicles which is effective, safe and full of integrity.

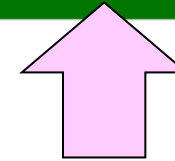
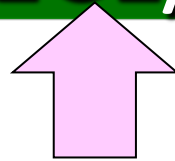
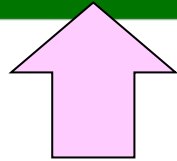
To create and administer an effective training, testing and licensing system in order to produce skilled, disciplined and considerate drivers.

To enforce and administer traffic laws in order to produce road users with a culture of compliance with road laws and regulations.

To provide efficient technical advisory service to meet the needs of the road transport industry.



# World Forum for Harmonization of Vehicle Regulations (UN/ECE/WP29)



1998

GTR

1958

ECE

1997

Rule

Agreements

Output

**MALAYSIA ALREADY ACCEDED TO WP29 SINCE 4<sup>th</sup> April 2006**



# DEFINITION OF VTA

**Vehicle Type Approval (VTA)** is a homologation process to confirm the production sample of a vehicle design to comply with specified standards/regulations before a vehicle registration is allowed in Malaysia.

**VEHICLE TYPE APPROVAL = COMPONENT TYPE APPROVAL + GENERAL REQUIREMENTS**

\***Component Type Approval** is product compliance (including system approval) with specified standards/regulations (Malaysian Standards / UN Regulations).

\***General Requirements** are the requirements listed under Road Transport Act 1987 and Road Transport Rules .

# LEGAL REFERENCES RELATED TO VTA



The VTA process is introduced based on the legal references as below:

1. Road Transport Act 1987 (Sect. 10,12 and 66(1)(pp))
2. Road Transport Rules (Construction & Use Rules)
3. Environmental Quality Act 1974 (Department of Environment)
4. Weight Restriction Order 1989 (Amendment 2009) (Public Work Department)

# GOVERNMENT POLICIES RELATED TO VTA (1)



## NATIONAL AUTOMOTIVE POLICY : 28<sup>TH</sup> OCT 2009

- ✓ **TECHNOLOGY : PROMOTING HIGH VALUE AND GREEN TECHNOLOGY**
  - Incentives for critical and high value-added parts and green technologies
  - Promote Hybrid And Electric Vehicles
  
- ✓ **STANDARDS : EFFORTS FOR INCREASED SAFETY**
  - Full implementation of VTA by JPJ
  - Gradual Introduction And enforcement of mandatory standards
  - Gradual phase out of imported used parts
  - Gradual phase out of used commercial vehicles
  - Clear Roadmap of implementation of fuel standard
  - Gradual introduction of vehicle end of life policy

# GOVERNMENT POLICIES RELATED TO VTA (2)

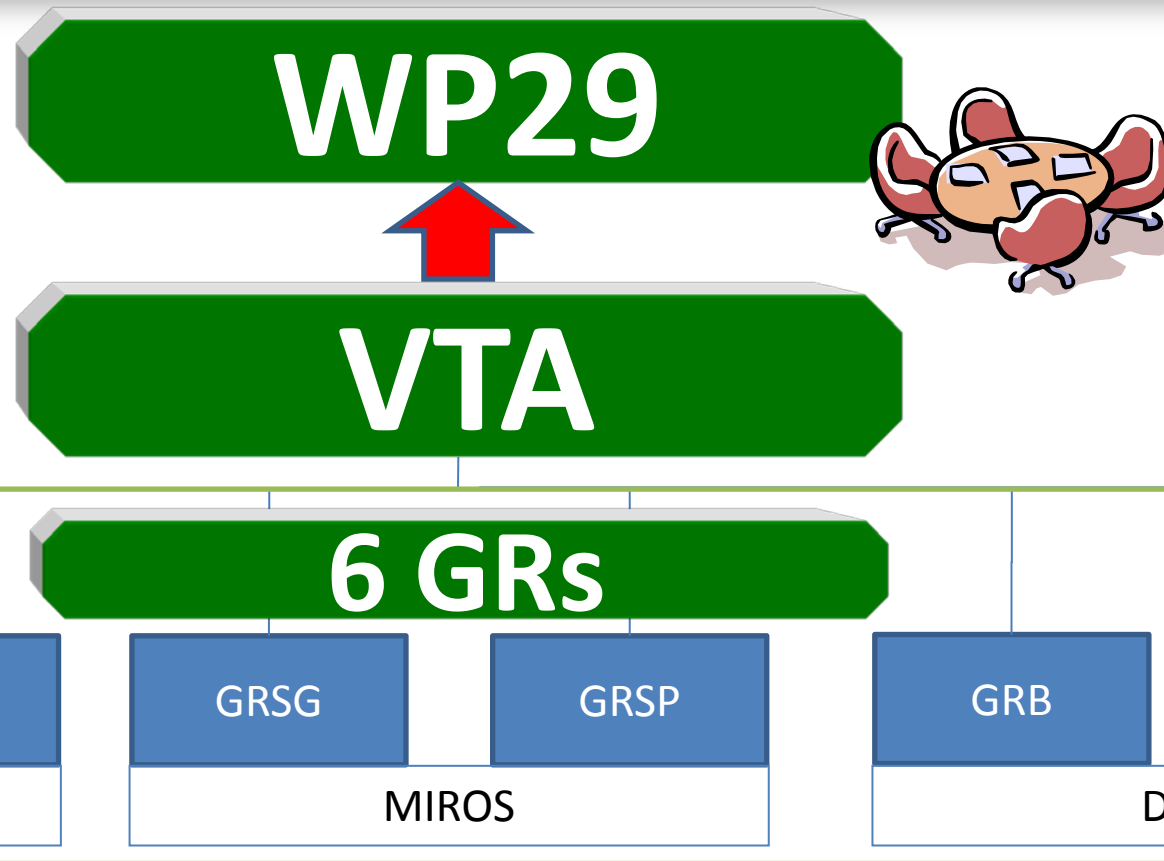


## GREEN TECHNOLOGY POLICY : 24<sup>TH</sup> JULY 2009

### ✓ CRITERIA OF GREEN TECHNOLOGY

- Minimizes degradation to the environment;
- Has Zero or low Green House Gas (GHG) emission;
- Safe for use and promotes healthy and improved environment for all forms of life ;
- Conserves the use of energy and natural resources; and
- Promotes the use of renewable resources

# COMMITTEE STRUCTURE IN MALAYSIA



GRE : Lighting & Signalling (39 ECE)

GRRF : Brakes & Running Gear (18 ECE)

GRSG : General Safety (30 ECE)

GRSP : Passive Safety (16 ECE)

GRB : Noise (8 ECE)

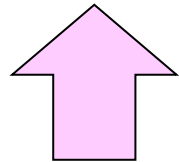
GRPE : Pollution & Energy (16 ECE)

**TOTAL : 127 UNECE REG.**

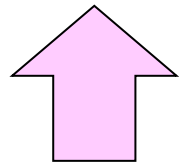
# RESPONSIBILITY FOR EACH COMMITTEE



**WP29**



**VTA**



**6 GRs**

- I. To approve the proposed implementation schedule by VTA committee;
- II. To decide policies related to Automotive Regulations ;
- III. Government and Private Agencies (Association)

- I. To approve the VTA application ;
- II. To discuss the proposed implementation schedule by 6 GRs;
- III. To propose policies related to VTA;
- IV. Government Agencies only

- I. To study and propose the implementation schedule in Malaysia. ;
- II. Government and Private Agencies (Individual& Association)

# JPJ AS AA AND SIRIM AS 1<sup>ST</sup> TS IN M'SIA



ECE/TRANS/WP.29/343/rev.20

|     |          |  |   |           |
|-----|----------|--|---|-----------|
| E52 | Malaysia | <p><i>Add new Type Approval Authority 52/A, to read:</i></p> <p><b>Road Transport Department of Malaysia (JPJ)<br/>Level 1-5, Block D4, Parcel D<br/>Federal Government<br/>Administrative Centre<br/>62620 Putrajaya<br/>Malaysia</b></p> <p><b>Tel: (+60-3) 88866400<br/>Fax: (+60-3) 88889645</b></p> | <p><i>Add new Technical Service 52/B, to read:</i></p> <p><b>SIRIM QAS International SDN. BHD<br/>SIRIM Complex<br/>1, Persiaran Dato' Menteri,<br/>Section 2<br/>P.O. Box 7035<br/>40911 Shah Alam<br/>Selangor Darul Ehsan<br/>Malaysia</b></p> <p><b>Tel: (+60-3) 55446400<br/>Fax: (+60-3) 55109439</b></p> | 20.7.2012 |
|-----|----------|--|---|-----------|

JPJ can give E-mark for All UN Regulations ;  
SIRIM can issue official UN Regulations 22 : Safety Helmet

# VTA COMMITTEE STRUCTURE IN MALAYSIA



Chairman : Director General of JPJ

Co-Chairman : Director of Automotive Engineering Division JPJ

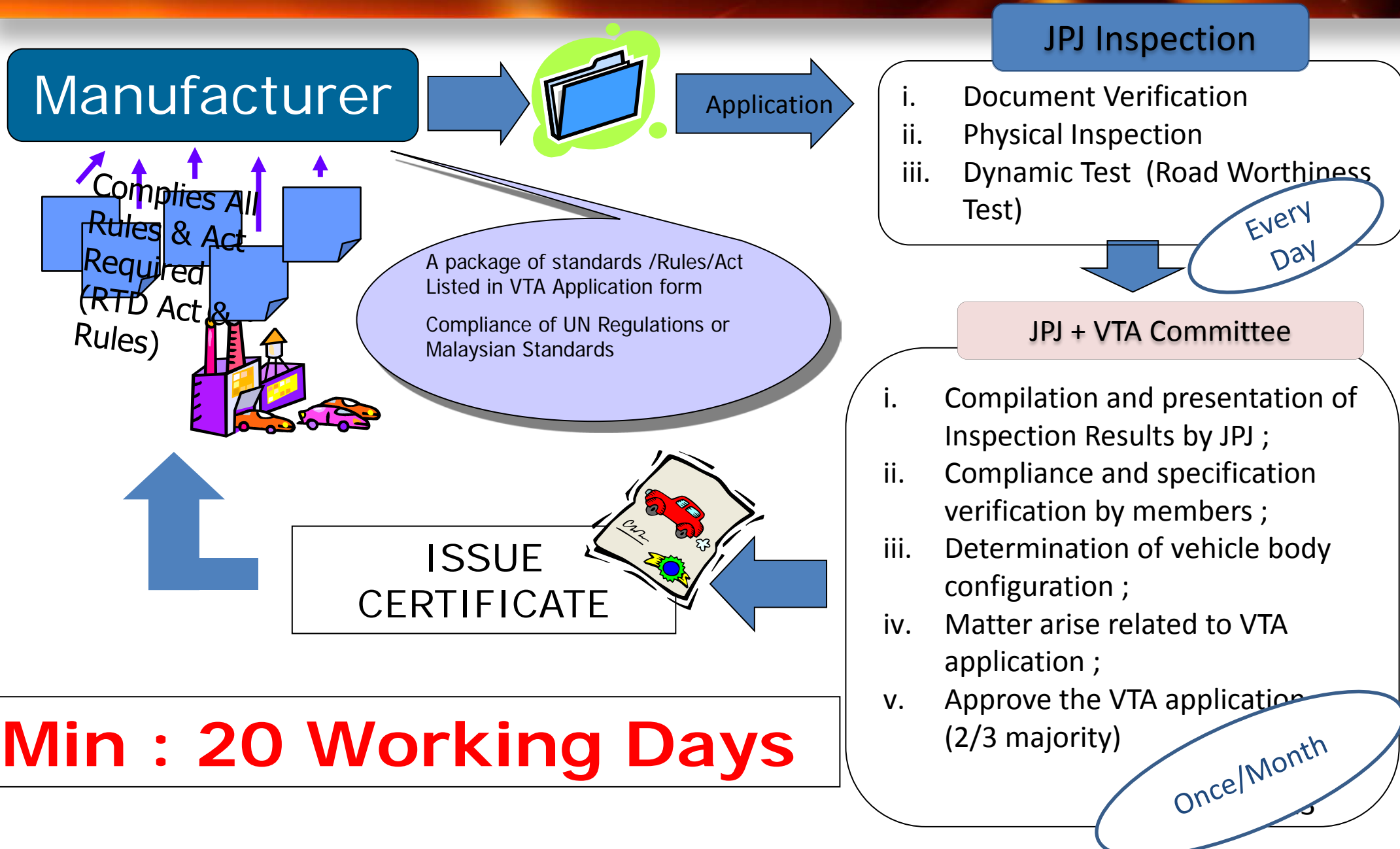
Secretary : Head of VTA Unit , Automotive Engineering Division JPJ

Members :

- I. Ministry of Transport(MOT)
- II. Ministry of International Trade and Industry(MITI)
- III. Ministry of Domestic Trade and Consumer Affairs (KPDNKK)
- IV. Ministry of Science, Technology and Industry(MOSTI)
- V. Department of Standards Malaysia (DSM)
- VI. Department of Environment(DOE)
- VII. Royal Custom of Malaysia(KDRM)
- VIII. Malaysia Institute Research of Road Safety(MIROS)
- IX. SIRIM
- X. PUSPAKOM
- XI. Malaysian Automotive Institute (MAI)




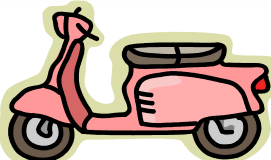








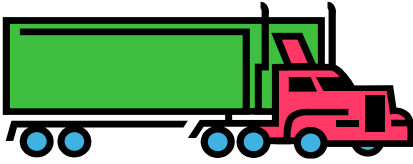
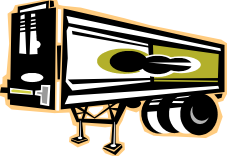

# VTA CERTIFICATION SYSTEM IN MALAYSIA



**Min : 20 Working Days**

# VEHICLE CATEGORIES



|        |                   |   |
|--------|-------------------|---|
| L      | Motor cycle       |    |
| M1     | Passenger vehicle |     |
| M2,M3  | Bus               |     |
| N1     | Light duty truck  |     |
| N2, N3 | Heavy duty truck  |     |
| O      | Trailer           |     |

# UN REGULATIONS IMPLEMENTATION SCHEDULE



2010

R15 R24 R30 R49 R54 R66 R97 R108 R109 R116

2011

R100

2012

|      |      |     |     |      |     |     |      |     |      |
|------|------|-----|-----|------|-----|-----|------|-----|------|
| R3   | R6   | R7  | R13 | R13H | R14 | R16 | R17  | R18 | R25  |
| R28  | R36  | R39 | R40 | R41  | R43 | R46 | R48* | R50 | R51  |
| R52  | R53  | R58 | R62 | R69  | R70 | R73 | R75  | R78 | R79  |
| R80  | R81  | R83 | R90 | R93  | R94 | R95 | R98  | R99 | R104 |
| R112 | R113 | R22 |     |      |     |     |      |     |      |

2015

|      |      |      |      |     |     |     |     |     |     |
|------|------|------|------|-----|-----|-----|-----|-----|-----|
| R4   | R10  | R11  | R19  | R21 | R23 | R26 | R34 | R37 | R38 |
| R44  | R45  | R48  | R55  | R60 | R61 | R64 | R77 | R89 | R91 |
| R101 | R117 | R119 | R121 |     |     |     |     |     |     |

\*R48 (2012) : High Intensity Discharge (HID) Lights only

# CONCLUSION

- 1) All vehicle must undergo the VTA process before registration is allowed;
- 2) VTA process consist of component type approval and general requirements compliance;
- 3) VTA is subject to committee approval (require 20 working days);
- 4) Until 2012, there are 54 UN Regulations already implemented in Malaysia and will implement another 24 UN Regulations in year 2015.



**THANK YOU**



# **THAILAND COUNTRY REPORT ON DEVELOPING VTA**

---

**Automotive Engineering Bureau  
Department of Land Transport  
December 2012**

# Vehicle Type Approval System

- ① **New draft Act of Land Transport, which authorise for vehicle type approval system, still jointly considered by DLT and the Council of State**
- ① **Under Motor Vehicle Act, MR2551 enforced in June 2009 which empower DLT to issue notification of vehicle Parts/Systems in line with UN regulations**

# Introducing UN Regulations

- ◎ **Implementation plan of UN regulations for M1/N1 &L3 is finalised in May 2012 by taking into account on 19 UN regulations annexed ASEAN MRA and discussing with the stakeholders**
- ◎ **First Notification in line with UN regulation : R41 enforced since 2012 and the others are considered by Legal Division before notification issuance and implementation**



# Adopting UN Regulations

- ⊙ Present system allow UN regulations as the equivalent and accept only UN test report
- ⊙ Working group for considering WP.29 activities is revised and will for instance,
  - > set criteria for adopting UN regulations as the first task
  - > set up a plan of adopting UN regulations in WP.29 meeting as the second task

# Request for Expert Meeting

- ◎ 2013
  - > R30/R54, R46, R39, R60 (ASEAN MRA)
  - > UN reg. concerning electric vehicle (e.g. R85, R100, R94/R95)
- ◎ 2014
  - > R87, R123
- ◎ 2015
  - > R12, R94, R95

< Thank you >

# Introduction of Vehicle Safety Type Approval in Taiwan



財團法人車輛安全審驗中心  
Vehicle Safety Certification Center

**5 Dec. 2012**

## Regulation Structure



## The development and update of motorcycle/moped safety regulations

- 1998- Introduce Vehicle Safety Type Approval System to Taiwan
- 2002- New type of motorcycle/moped under 250 cc to conduct Vehicle Safety Type Approval
- 2003- All of type motorcycle/moped to conduct Vehicle Safety Type Approval
- 2006- Stage 1 technical regulations in Taiwan harmonized with ECE regulations implemented
- 2007- Stage 2 technical regulations in Taiwan harmonized with ECE regulations implemented
  - Introducing relevant regulations for small-light moped
- 2009- Stage 3 technical regulations in Taiwan harmonized with ECE regulations implemented
- 2010- To cope with the development of electric motorcycle/moped, introduce relevant safety regulations for electric motorcycle/moped .

## Structure of

### “Vehicle Safety Type Approval Management Regulations”

- Chapter 1 General Regulations
  - Definitions
- Chapter 2 Motor vehicle safety type approval
  - Qualifications, documents, procedures and so on
- Chapter 3 Accreditation of Technical Services
  - Qualifications, documents, procedures and so on
- Chapter 4 Verification, Supervision and of administration
- Chapter 5 Supplementary provisions
- Attachment 1 to 3

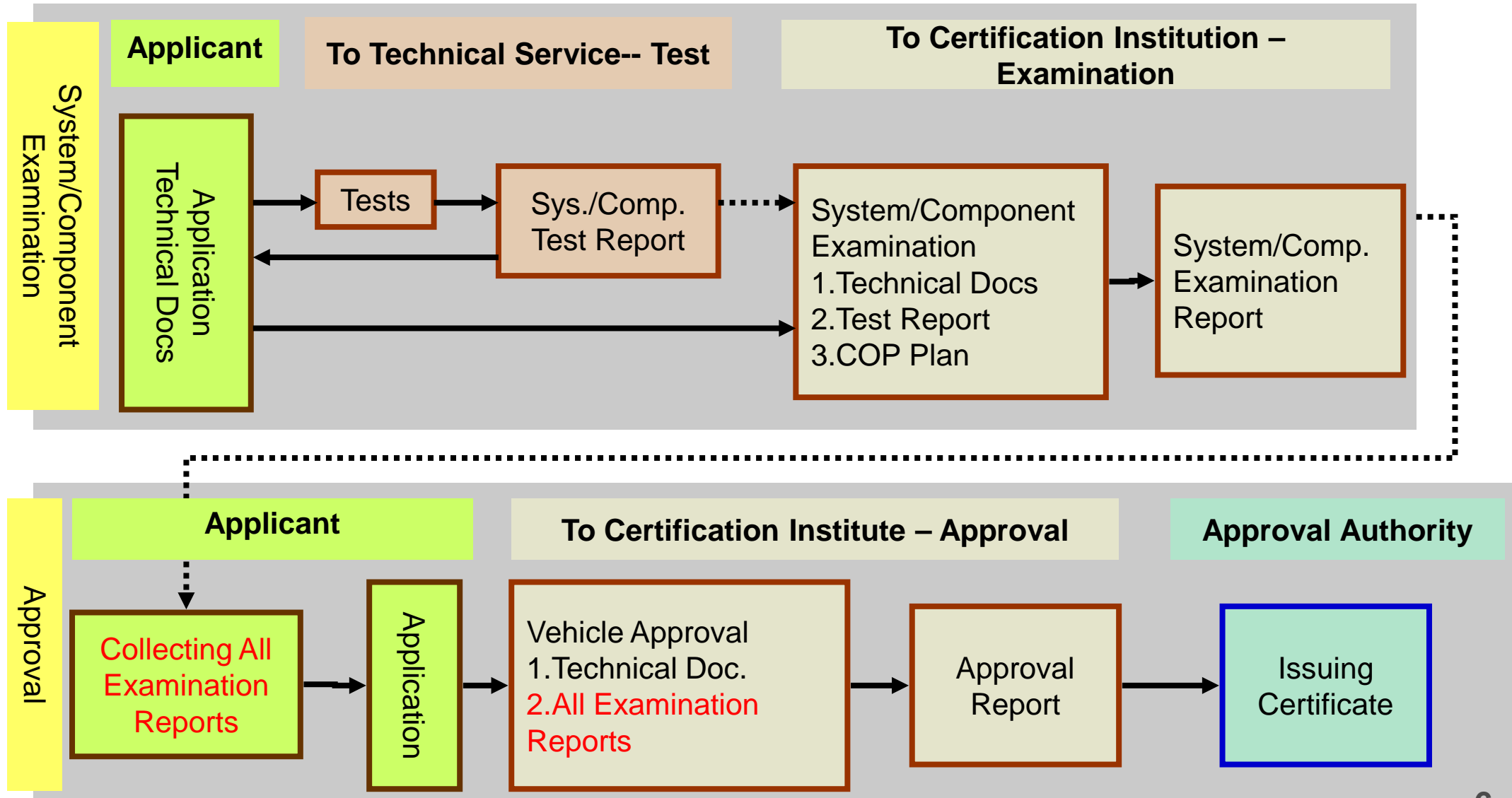
❖ According to Article 3 : The vehicles shall apply for the tests conducted by technical services or certification institution to acquire test reports according to the Vehicle Safety Testing Directions. Then proceed with the application toward Certification Institution and acquire the Vehicle Safety Type Approval Certificate and then apply for registration, inspection and get the new license plate from the Motor Vehicle Office.

## Difference between WVTA and LVSA

|   | LVSA (Low Volume Safety Approval)  | WVTA (Mass Volume)                             |
|---|--|--|
| Qualification   | the vehicle importer   | the authorized vehicle importer                |
| Vehicle amount of each application case                           | <p><b>&lt;= 20</b></p> <p><b>All vehicles shall be of the same type and specifications shall be identical.</b></p> | No limit                                       |
| Testing items   | <b>Some testing items can be exempted.</b>   | All  |
| Report  | Test report or Examination report  | Examination report                             |
| COP   | <b>Not required</b>  | Required when applying for examination report. |
| On-site surveillance check for vehicle quantity and specification | <b>Required</b>  | Not required                                   |

# Vehicle Safety Type Approval System (5)

## Certificate Issuing Procedures (WVTA)





# Vehicle Safety Type Approval System (6)



財團法人車輛安全審驗中心  
Vehicle Safety Certification Center

- From October 1998, vehicle safety type approval system was brought into force, the large vehicle firstly have to meet this system, and gradually expand its category symbols and testing regulations year by year, in 2004, all of category symbols were included.
- In matching with APEC Action Plan, from 2006, Vehicle Safety Testing Direction harmonize with ECE regulation by category symbols and stage, and currently there are 48 ECE regulations were announced and implemented in Taiwan.

The basic dimensions of vehicle by paper examination that focus on vehicle registration information and driver of management

Refer to foreign examination system, each category symbols are gradually including with Vehicle Safety Type Approval Management Regulations separately

1998.10

In following with APEC Action Plan, Testing Direction harmonize with ECE regulation

2006.7

# Vehicle Safety Type Approval System (7) 財團法人車輛安全審驗中心 Vehicle Safety Certification Center

Approval Authority



Ministry of Transportation and Communications (MOTC)

Certification Institution

Authorized by MOTC



Technical Services

Accredited by MOTC

## 46 Technical Services (109 witnessed laboratory)

### Domestic institutions:

1. Automotive Research & Testing Center
2. Taiwan Rubber Research & Testing Center
3. Hi Safe Technologies Co., Ltd.
4. KINGDOM Vehicle Inspection co.

...

### Foreign institutions:

1. ATLAS Material Testing Technology GmbH (Germany)
2. AIB-Vinçotte International n.v. (Belgium)
3. KEMA Quality B.V. (The Netherlands)
4. Lichttechnisches Institut der Universität Karlsruhe (Germany)
5. Materialprüfungsamt Nordrhein-Westfalen (MPA NRW) (Germany)

...

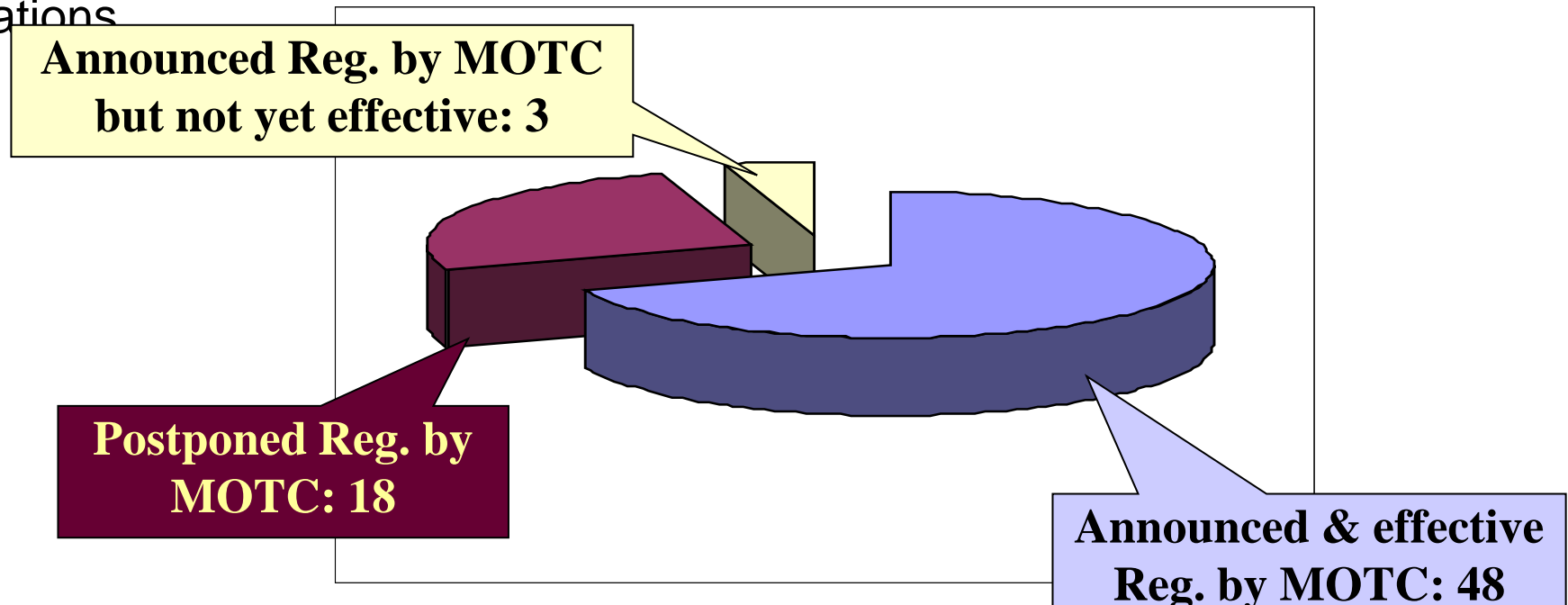
For detail information, please refer VSCC website



# Introduction of Vehicle Safety Testing Directions

# Vehicle Safety Testing Regulation (1/7)

- Taiwan has scheduled a plan to implement 66 ECE Regulations in 3 stages: stage 1 (2006), stage 2 (2007~2008) and stage 3 (2009~2012).
  - However, 18 among those scheduled regulations were postponed.
  - So currently, 48 among those scheduled regulations were announced.
  - 3 more regulations were added (ECE R100, 107 and 123) by MOTC afterwards.
- Up to now, Taiwan has already implemented and/or announced 51 ECE Regulations



# Vehicle Safety Testing Regulation ( 2/7 )

## Announced & effective Reg. by MOTC: 48 ( 1/2 )

| Effective Reg. |  |
|----------------|--|
| ECE            | Title  |
| 3              | Retro-reflecting devices   |
| 5              | Sealed beam headlamps  |
| 6              | Direction indicators   |
| 7              | Front and Rear Position Lamps, Stop lamps and End-Outline Marker Lamps |
| 10             | EMC  |
| 11             | Door Latches & Hinges  |
| 12             | Steering Mechanism   |
| 13             | Braking  |
| 13H            | Braking  |
| 14             | Safety-Belt Anchorage  |
| 16             | Safety Belts   |
| 17             | Seats  |
| 19             | Front Fog Lamps  |

| Effective Reg. |   |
|----------------|---|
| ECE            | Title                                   |
| 23             | Reversing Lamps                         |
| 25             | Head Restraints                         |
| 28             | Audible Warning Devices                 |
| 30             | Pneumatic Tires                         |
| 31             | Halogen Sealed Beam Headlamps           |
| 36             | Construction of Public Service Vehicles |
| 37             | Bulbs                                   |
| 38             | Rear Fog Lamps                          |
| 39             | Speedometer                             |
| 43             | Safety Glazing Materials                |
| 46             | Rear-Vies Mirrors                       |
| 48             | Installation of Lights                  |
| 50             | Lights (Moped, Motorcycle)              |

# Vehicle Safety Testing Regulation ( 3/7 )

## Announced & effective Reg. by MOTC: 48 ( 2/2 )

| Effective Reg. |  |
|----------------|--|
| ECE            | Title  |
| 52             | Construction of small Capacity Public Service Vehicles |
| 53             | Installation of Lights (Motorcycle)                    |
| 54             | Pneumatic Tires (commercial vehicle)                   |
| 55             | Mechanical Coupling                                    |
| 60             | Driver Operated Controls                               |
| 66             | Strength of Super Structure                            |
| 74             | Installation of light ( moped )                        |
| 77             | Parking Lamps  |
| 78             | Braking (Category L)                                   |
| 79             | Steering Equipment                                     |
| 80             | Seats of Large Passenger Vehicle                       |
| 81             | Rear-View Mirrors ( Moped )                            |

| Effective Reg. |   |
|----------------|---|
| ECE            | Title   |
| 91             | Side-Marker Lamps   |
| 94             | Frontal collision protection                                |
| 95             | Side collision Protection                                   |
| 98             | Gas-Discharge Headlamps                                     |
| 99             | Gas-Discharge Light Sources                                 |
| 104            | Retro-Reflective Markings for heavy and long Vehicles       |
| 107            | M2 or M3 Vehicles with Regard to Their General Construction |
| 112            | Headlamps ( with a Asymmetrical Passing Beam                |
| 113            | Headlamps ( with a Symmetrical Passing Beam )               |
| 123            | AFS   |

# Vehicle Safety Testing Regulation ( 4/7 )

## Announced Reg. by MOTC but not yet effective: 3

| Announced Reg. by MOTC but not yet effective:3 |                                       |
|--|---------------------------------------|
| ECE  | Title                                 |
| 75   | Pneumatic Tires ( moped, motorcycle ) |
| 100  | Electric Power Train                  |
| 34   | Tank                                  |

# Vehicle Safety Testing Regulation (5/7)

|      | ECE for M2/M3/N2/N3/O3/O4   |                          | ECE for M1/N1/O1/O2   |                          | ECE for L1/L3               |                              | Total    |
|------|---|--------------------------|---|--------------------------|-----------------------------|------------------------------|----------|
|      |   |                          |   |                          |                             |                              |          |
| 2004 | R36, 52   | 2                        |   |                          |                             |                              | 2        |
| 2006 | R3, 6, 7, 16, 19, 23, 28, 30, 37, 43, 48, 54, 77, 91, 98, 99, 104 | 17                       | R3, 6, 7, 16, 19, 23, 28, 30, 37, 39, 43, 54, 77, 91, 98, 99, 104 | 17                       | R39, 53, 60, 74, 81, 98, 99 | 7                            | 22       |
| 2007 |   |                          |   |                          | R19, 28, 78                 | 3                            | 3        |
| 2008 | R5, 13, 14, 17, 25, 31, 38, 39, 66, 79, 80, 112, 113              | 13                       | R5, 11, 12, 13, 13h, 14, 17, 25, 31, 38, 48, 79, 94, 95, 112, 113 | 16                       |                             |                              | 17       |
| 2009 |   |                          |   |                          | R3, 37, 50, 112, 113, 38    | 6                            | 1        |
| 2011 | R46, 10, 123, 55, 34  | 5                        | R46, 10, 123, 34  | 4                        | R10,                        | 1                            | 5        |
| 2013 |   |                          |   |                          | R75                         | 1                            | 1        |
| 2014 | R100  | 1                        | R100  | 1                        |                             |                              | 1        |
|      |   | 37Announced<br>1 Drafted |   | 37Announced<br>1 Drafted |                             | 17<br>Announced<br>1 Drafted | 50/<br>1 |



# Vehicle Safety Testing Regulation ( 6/7 )

## ■ New Technical Regulations Using ECE as a basis



### Drafted in 2012

| ECE | Title of Item   | Scope and proposed date of implementation |                  |                  | Status  |
|-----|---|---|------------------|------------------|---|
|     |   | Large vehicle                             | Small vehicle    | Motorcycle       |   |
| 107 | Specification of open-top single-decker and double-decker buses | To be determined                          | ---              | ---              | Prepared for MOTC discussion  |
| 34  | Fuel Tank   | 2014/1/1                                  | 2014/1/1         | ---              | 1. Announced Reg. by MOTC but not yet effective<br>2. Metallic and plastic fuel tank shall comply with hydraulic test and overturn test, for M and N. |
| 64  | Tyre pressure monitoring system (TPMS)                          | ---                                       | To be determined | ---              | Under discussion  |
| RE3 | Acoustic vehicle alerting system                                | To be determined                          | To be determined | To be determined | Under discussion  |

# Vehicle Safety Testing Regulation (7/7)

## ■ New Technical Regulations for Taiwan only

### Drafted in 2012

| ECE | Title of Item                           | Scope and proposed date of implementation |               |            | Status   |
|-----|---|---|---------------|------------|--|
|     |   | Large vehicle                             | Small vehicle | Motorcycle |  |
| --- | Forward collision warning system (FCWS) | To be determined                          | ---           | ---        | Under discussion  |
| --- | Driving vision assist system            | To be determined                          | ---           | ---        | Under discussion  |

Thank you for your attention

# Large passenger vehicle without a roof



**Background:** To introduce large passenger vehicle without a roof (single-decker and double-decker buses) into Taiwan for sightseeing.

**Objective:** To carry passengers for sightseeing at specific route.

**Scope:** This Regulation applies to M2 and M3.

**Testing Criteria :** The body specifications of vehicle refer to ECE R107 Annex 3 and EEC 2002/7/EC .



# Tank



**Background:** According to MOTC's schedule to implement ECE R34.

**Objective:** To improve the structure of fuel tank for vehicle safety

**Scope:** This Regulation applies to categories M and N.

**Testing Criteria :** Metallic and plastic fuel tank shall comply with hydraulic test and overturn test and so forth of safety regulation.



# Tyre pressure monitoring system (TPMS)



**Background:** Due to flat tire could cause car accident.

**Objective:** To monitor the pressure of tires for vehicle safety.

**Scope:** This Regulation applies to M1, N1.

**Testing Criteria :** Tyre pressure monitoring system of M1 and N1 refer to ECE R64 Temporary-use spare wheels/tyres and run flat tires



# Acoustic Vehicle Alerting System (AVAS)

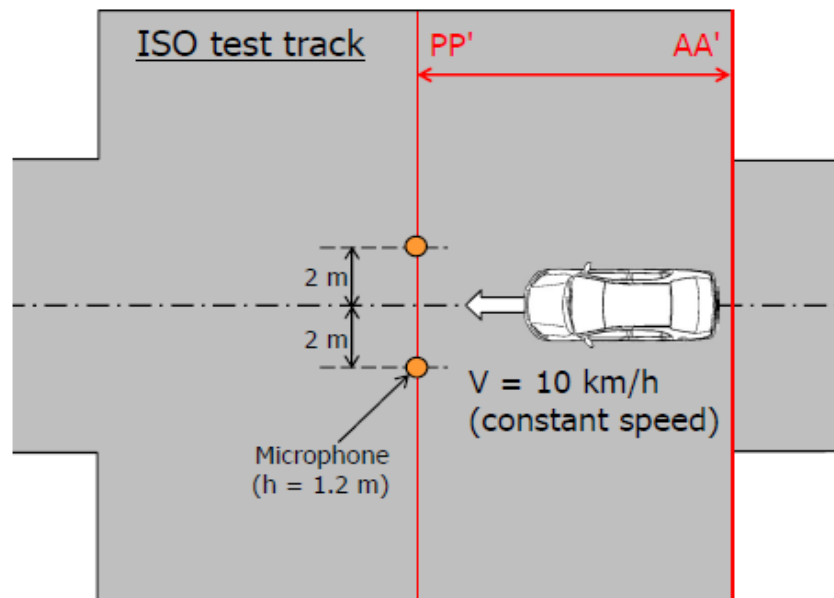


**Background:** Due to pedestrians and vulnerable road users might be hit by soundless electric vehicle.

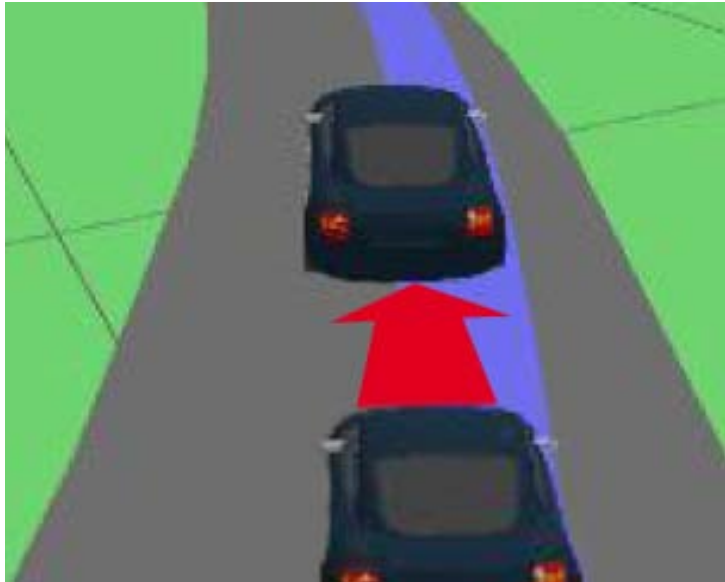
**Objective:** To inform pedestrians and vulnerable road users that electric vehicle is coming for vehicle safety.

**Scope:** This Regulation applies to electric vehicle of L, M and N.

**Testing Criteria :** The regulation of AVAS refer to ECE RE3 Annex 2 and GTR QREV and so on.



# Forward collision warning system (FCWS)



**Background:** To reduce the rate of vehicle collision.

**Objective:** Monitoring the roadway in front of the host vehicle and warn the driver when a potential collision risk exists.

**Scope:** This Regulation applies to M2 and M3.

**Testing Criteria :** Forward collision warning system refer to ISO 15623 and NHTSA Technical Report DOT HS 808 964 August 1999 Table 3 and so on.



| <u>Speed</u><br>(km/h) | <u>Collision</u><br><u>warning</u><br><u>distance</u> |
|------------------------|---|
| <u>60</u>              | <u>20 m</u>   |
| <u>70</u>              | <u>23 m</u>   |
| <u>80</u>              | <u>26 m</u>   |
| <u>90</u>              | <u>30 m</u>   |
| <u>100</u>             | <u>33 m</u>   |





# Driving vision assist system



**Background:.** Due to driving vision around vehicle is insufficient for large vehicle.

**Objective:** To provide extra driving vision around vehicle for driver to reduce the rate of car accident.

**Scope:** This Regulation applies to M2 and M3.

**Testing Criteria :**Cameras shall be install on both side of vehicle and the installed area, in-vehicle display monitor were also required.



**Philippine Position  
on  
ASEAN 19  
Regulations**

1. Philippines basically supports the development and implementation of the Mutual Recognition Arrangement (MRA) in the ASEAN. Except for definition of certain terms which need proper consultation with the Philippines' stakeholders, the country favors the agreement on the arrangement.

2. The Philippines is also conducting series of domestic consultations on the harmonization of the 19 priority UNECE Regulations.



3. The Philippines started to study the harmonization of the 2<sup>nd</sup> phase (32 UNECE Regulations).

4. There is a need to create the regulatory framework for technical service thru DTI of the Philippines.

Thank you for your attention



# **Development of the Vehicle Type Approval System in the Philippines**

**Department of Transportation and  
Communications**



- Mandatory presentation of VTA test result conducted at the origin of the vehicle is already enforced. However, limited to enforcement of emission standard only, as required in the Philippine Clean Air Act of 2000.

- The Department of Science & Technology (DOST) of the Philippines is seriously considering the establishment of MVTAS facility and may be authorized to conduct the test for the Department of Transportation & Communications (DOTC) / Land Transportation Office (LTO).

- The Philippines shall be submitting proposals for multi or bilateral funding for the establishment of Motor Vehicle Type Approval System test facilities.

- Upon finalization of the Noise Emission Standard, there is a high possibility of including this test in the MVTAS requirement.

- The Philippines has submitted its request for technical assistance for the conduct of Phase II of the Project for Developing Motor Vehicle Regulations and Certification for FY 2013.

*Main objective: to do benefit/cost analysis of accession to WP29*

- The Philippines is an observer to WP 29 which legislation and ratification procedures process to become a member of WP29

Thank you





## Panel Discussion: Part II

ASEAN 19 items and the examination  
of the optimally unified vehicle type  
approval system in ASEAN region

Coordinator: Mr. Shigeo Yoshizawa (Japan)

Panelists:

Japan, Malaysia, Thailand, Indonesia,  
Vietnam, Philippines, Singapore



# *The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region*

~~<The 17th JASIC ASIA GOVERNMENT/INDUSTRY MEETING>~~

## **Panel Discussion II**

**ASEAN 19 items and the examination of the optimally unified vehicle type approval system in ASEAN region**

**Panelists: Japan, Malaysia, Thailand, Indonesia, Vietnam, Philippines, Singapore**

Coordinator: Mr. Shigeo Yoshizawa

Chairman of ASEAN Subcommittee, JASIC

Dec. 5 , 2012

# **Agenda items**

## **1. 19 UN Regulations under ASEAN MRA**

- Applied version of 19 UN-R**
- 1958 Agreement amendment**
- Test Report/Certificate**

## **2. Unified vehicle type approval system in ASEAN**

- Future ASEAN MRA**
- Future National vehicle type approval system**
- Future activity and Organization**

# **1. 19 UN Regulations under ASEAN MRA**

- Applied version of 19 UN-R**
- 1958 Agreement amendment**
- Test Report/Certificate**

<Malaysian presentation>

JPJ

**ASEAN MRA**

<Thailand presentation>

DLT

**ASEAN MRA**

<Viet Nam presentation>

VR

**ASEAN MRA**

# - Applied version of 19 UN-R

| <b>No.</b> | <b>Automotive Product</b>            | <b>UNECE Regulation</b> | <b>UNECE Series</b> |
|------------|--------------------------------------|-------------------------|---------------------|
| 1          | Braking System                       | R13                     | 11                  |
| 2          | Braking System (Passenger Car)       | R13H                    | 00                  |
| 3          | Seat belt anchorage                  | R14                     | 06                  |
| 4          | Seat belt                            | R16                     | 06                  |
| 5          | Seats                                | R17                     | 07                  |
| 6          | Head Restraints                      | R25                     | 04                  |
| 7          | Pneumatic tyre – passenger           | R30                     | 02                  |
| 8          | Speedometer                          | R39                     | 00                  |
| 9          | Exhaust Emission (L category)        | R40                     | 01                  |
| 10         | Noise emission (L category)          | R41                     | 03                  |
| 11         | Safety glass                         | R43                     | 00*                 |
| 12         | Rear View Mirror                     | R46                     | 02                  |
| 13         | Exhaust Emission                     | R49                     | 05                  |
| 14         | Noise emission                       | R51                     | 02                  |
| 15         | Pneumatic tyre – commercial          | R54                     | 00                  |
| 16         | Driver Operated Control (L Category) | R28 <= R60              | 01                  |
| 17         | Tyre (L category)                    | R75                     | 00                  |
| 18         | Steering Equipment                   | R79                     | 01                  |
| 19         | Exhaust Emission                     | R83                     | 05                  |

# 19 UN Regulations under ASEAN MRA and **latest Series / supplement No.**

| No. | Automotive Product                   | UNECE Regulation | UNECE Series | Latest Series and Supp. |
|-----|--------------------------------------|------------------|--------------|-------------------------|
| 1   | Braking System                       | R13              | 11           | 11 Sup.8                |
| 2   | Braking System (Passenger Car)       | R13H             | 00           | 00 Sup.13               |
| 3   | Seat belt anchorage                  | R14              | 06           | 07 Sup.3                |
| 4   | Seat belt                            | R16              | 06           | 06 Sup.2                |
| 5   | Seats                                | R17              | 07           | 08 Sup.1                |
| 6   | Head Restraints                      | R25              | 04           | 04                      |
| 7   | Pneumatic tyre – passenger           | R30              | 02           | 02 Sup.16               |
| 8   | Speedometer                          | R39              | 00           | 00 Sup.5                |
| 9   | Exhaust Emission (L category)        | R40              | 01           | 01 Sup.1                |
| 10  | Noise emission (L category)          | R41              | 03           | 04                      |
| 11  | Safety glass                         | R43              | 00*          | 01                      |
| 12  | Rear View Mirror                     | R46              | 02           | 03                      |
| 13  | Exhaust Emission                     | R49              | 05           | 05 Sup.5                |
| 14  | Noise emission                       | R51              | 02           | 02 Sup.8                |
| 15  | Pneumatic tyre – commercial          | R54              | 00           | 00 Sup.17               |
| 16  | Driver Operated Control (L Category) | R28 <= R60       | 01           | 00 Sup.3                |
| 17  | Tyre (L category)                    | R75              | 00           | 00 Supp.13              |
| 18  | Steering Equipment                   | R79              | 01           | 01 Sup.3                |
| 19  | Exhaust Emission                     | R83              | 05           | 06 Sup.2                |

WP29

Jun.  
2012



# 19 UN Regulations under ASEAN MRA and **latest Series / supplement No.**

| <b>No.</b> | <b>Automotive Product</b>            | <b>UNECE Regulation</b> | <b>UNECE Series</b> | <b>Latest Series and Supp.</b> |
|------------|--------------------------------------|-------------------------|---------------------|--------------------------------|
| 3          | Seat belt anchorage                  | R14                     | 06                  | 07 Sup.3                       |
| 5          | Seats                                | R17                     | 07                  | 08 Sup.1                       |
| 10         | Noise emission (L category)          | R41                     | 03                  | 04                             |
| 11         | Safety glass                         | R43                     | 00*                 | 01                             |
| 12         | Rear View Mirror                     | R46                     | 02                  | 03                             |
| 16         | Driver Operated Control (L Category) | R28 <= R60              | 01                  | 00 Sup.3                       |
| 19         | Exhaust Emission                     | R83                     | 05                  | 06 Sup.2                       |

**Different Series**

| <b>No.</b> | <b>Automotive Product</b>      | <b>UNECE Regulation</b> | <b>UNECE Series</b> | <b>Latest Series and Supp.</b> |
|------------|--------------------------------|-------------------------|---------------------|--------------------------------|
| 2          | Braking System (Passenger Car) | R13H                    | 00                  | 00 Sup.13                      |

**Several Supplements**

# ECE-R14 (Safety- belt anchorages)

## History of Requirements

| History of ECE14 |            | Effective date | Impl. Date (All types) | Major Elements  |
|------------------|------------|----------------|------------------------|---|
| Series           | Sup./Corr. |                |                        |   |
| <b>06</b>        |            | 2004/2/26      | 2011/2/26              | -ISO-FIX low anchorages and top tether anchorages for M1<br>-Installation of ISO-FIX universal CRS<br>-Instruction in the owner's manual  |
|                  | Sup.3      | 2007/6/11      | 2007/6/11              | -Clarification of scope in align with RE3<br>Anchorage for safety-belt intended for adult occupants of forward-facing or rearward-facing seats M and N (except M2 or M3 which belong to Classes I, II or A)<br>-ISO-FIX low anchorages and top tether anchorages for N1, <b>if fitted</b> |
|                  | Sup.4      | 2009/2/26      | 2009/2/26              | -Revision of test force time due to harmonization between ISO-FIX anchorages and safety-belt anchorages   |
|                  | Sup.5      | 2009/7/22      | 2009/7/22              | -Clarification of scope<br>ISO-FIX low anchorages and top tether anchorages for other than M1, <b>if fitted</b>   |
| <b>07</b>        |            | 2009/7/22      | 2012/7/22              | -Extension of safety belt anchorage requirement for Class II bus<br>-Permission for contracting parties to exempt folding seats depends on national requirement   |

## History of Requirements

| History of ECE17 |            | Effective date | Impl. Date (All types) | Major Elements   |
|------------------|------------|----------------|------------------------|--|
| Series           | Sup./Corr. |                |                        |  |
| 07               |            | 1998/8/6       | 2002/8/6               | -Occupant protection against displacement of luggage   |
|                  | Sup.1      | 1999/11/17     | 2002/8/6               | -Clarification and review of the requirement of occupant protection against displacement of luggage  |
|                  | Sup.2      | 2000/1/13      | 2000/1/13              | -Correction etc. (No big technical requirement change)   |
|                  | Sup.3      | 2007/6/11      | 2007/6/11              | -Permission of acceleration sled   |
| 08               |            | 2009/7/22      | 2011/7/22              | -Expansion of the scope to the folding seat<br>-Prohibition of side-facing seats in vehicles of categories M1, N1, M2 (of class III or B) and M3 (of class III or B) |

## History of Requirements

| History of ECE13H |               | Effective date | Major Elements   |
|-------------------|---------------|----------------|--|
| Seri es           | Modific ation |                |  |
| 00                | -----         |                |  |
|                   | Sup.5         | 2007/11/10     | Revised the scope for the approval of Category N1 vehicle based on category M1 vehicle |
|                   | Sup.6         | 2008/10/15     | Addition the "Annex" For the approval of ECE-R90                                       |
|                   | Sup.7         | 2009/7/22      | Addition the <b>ESC requirements</b>   |
|                   | Sup.8         | 2009/10/24     | Editorial amendment  |
|                   | -----         |                |  |
|                   | Sup.9         | 2010/3/17      | Addition the ESC and <b>BAS requirements</b>   |
|                   | Sup.10        | 2010/12/9      | Clarification the thresholds for ESS   |
|                   | Sup.11        | 2011/1.30      | - Clarification the thresholds for RBS<br>- transitional requirements for ESC and BAS  |

### ABS:

-If the ABS is fitted, the ABS should meet the requirement to R13H.  
(**not mandatory**)

### ESC:

-If ESC is fitted, ESC should meet the requirement . (**not mandatory**)  
-  $M_1$  and  $N_1$  with a mass in running order > 1,735 kg may be equipped with a vehicle stability function which includes roll-over control and directional control and meets the technical requirements of Annex 21 to Regulation No. 13.  
- The insertion into Regulation No. 13-H of requirements for **BAS as a package with ESC**.  
- The BAS needs the ABS.

← **Latest Edition**

***In order to harmonize UN  
Regulations among ASEAN  
Members,***

***It should be fixed version (Series  
and supplement No.) of them.***

**Discussion**

***If it will be started from 2015, it is better to fix the version of 19  
UNR by early 2013.***

## - 1958 Agreement amendment

**Available for using earlier version of UN R certificates !**

a CP applying a UN Regulation may also issue type-approvals pursuant to earlier versions of the UN Regulation

From debriefing for the 1958 Agreement movement from Mr. Renders (European Union) and Panel Discussion I

<Japanese presentation>

MLIT

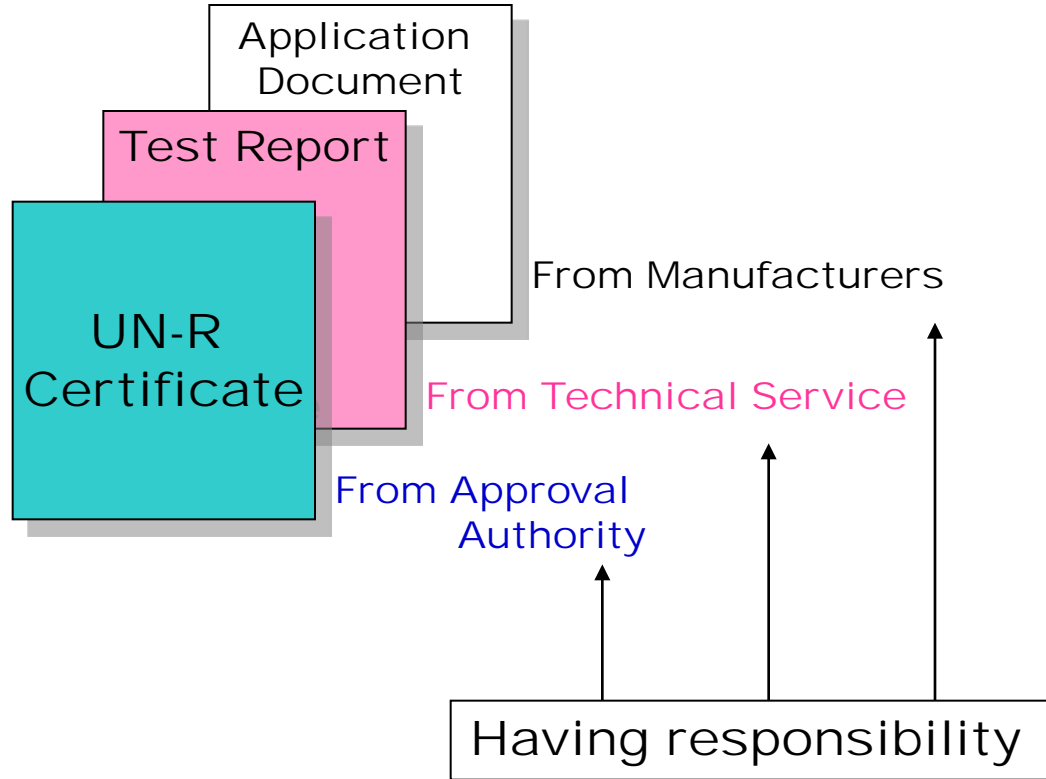
**Test Report and Certification  
Type Designation for Devices**

# - Test Report/Certificate

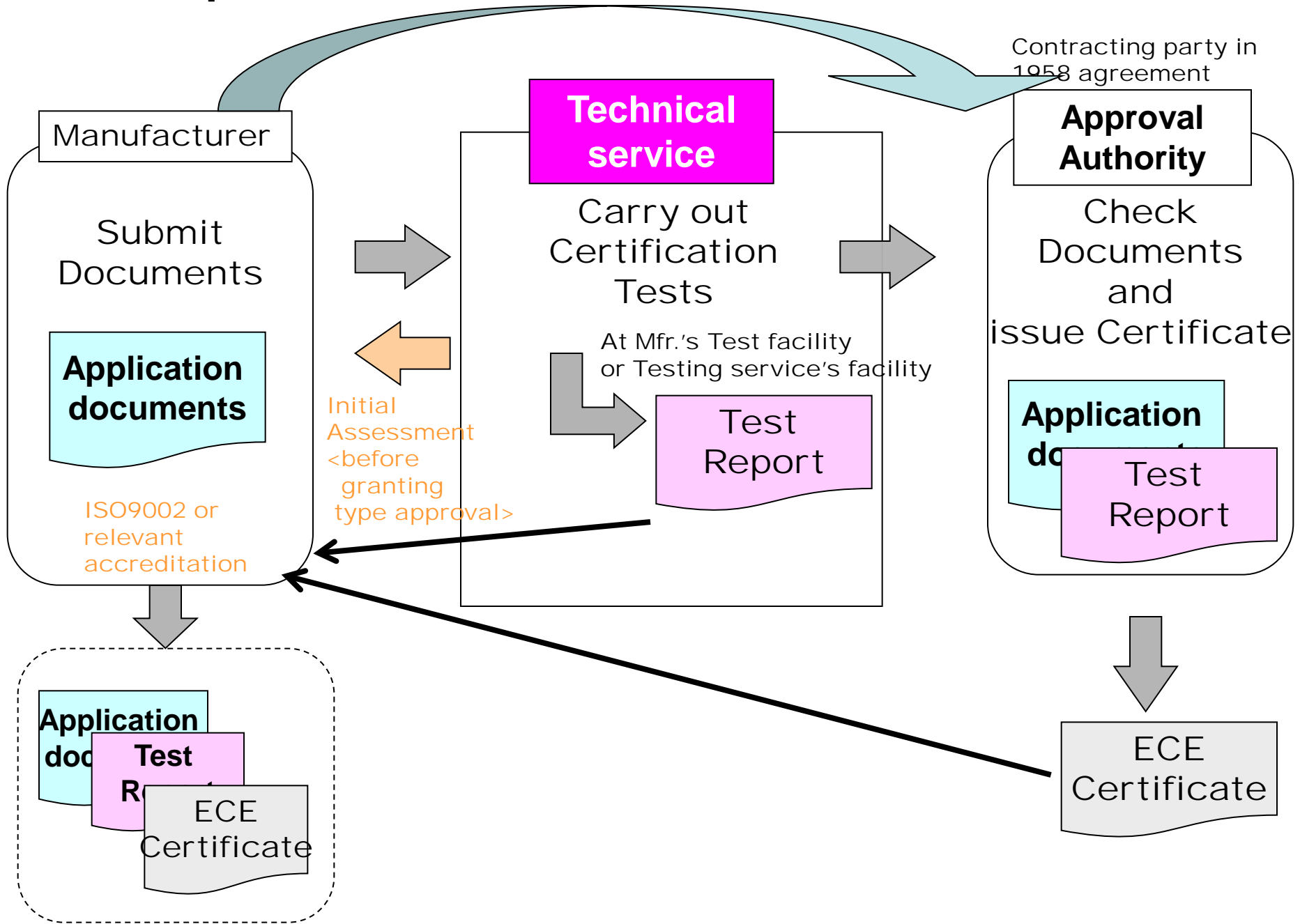
|  | <b>Test Report</b> | <b>Certificate under the 1958 Agreement</b>   |
|--|--------------------|---|
| Issuing institution  | Technical Service  | Government  |
| Validity   | Only tested device | Devices comply with UN Regulation   |
| Conformity Of Production   | Not verified       | Verified by an Approval Authority   |
| In case of finding that certain devices do not conform to the approved types | —                  | The Contracting Party which issued the approval shall take the necessary steps to bring the products into conformity with the approved types and shall advise the other Contracting Parties applying the Regulation through type approval of the steps it has taken, which may include, if necessary, the withdrawal of approval. |
| Dispute  | —                  | Any dispute which is not settled by negotiation shall be submitted to arbitration if any one of the Contracting Parties in dispute so requests and shall be referred accordingly to one or more arbitrators selected by agreement between the Parties in dispute.   |



# - Test Report/Certificate

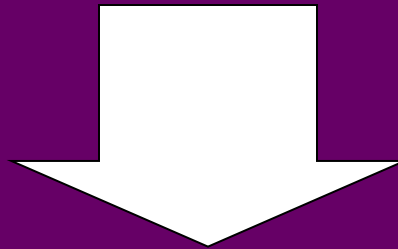


# - Test Report/Certificate



## - Test Report/Certificate

### **Acceptance of test report/certificate under ASEAN MRA**



**Clarify in the Implementing Guidelines developed  
by the AAC**

**Discussion**

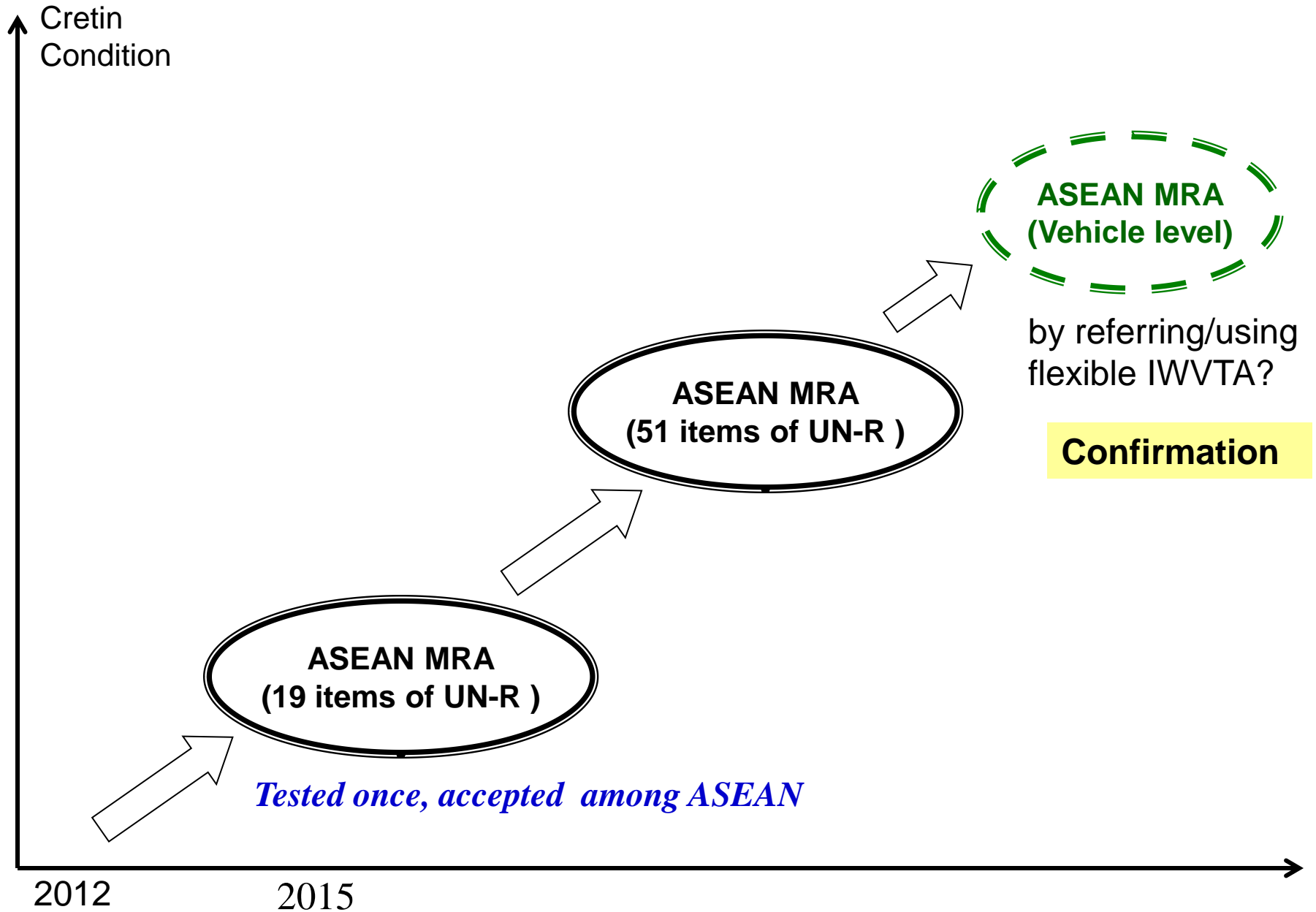
**APWG members can consider for using test  
report/certificate by following points;**

- Available to use earlier version of UN R**
- difference between Test Reports and Certificates**

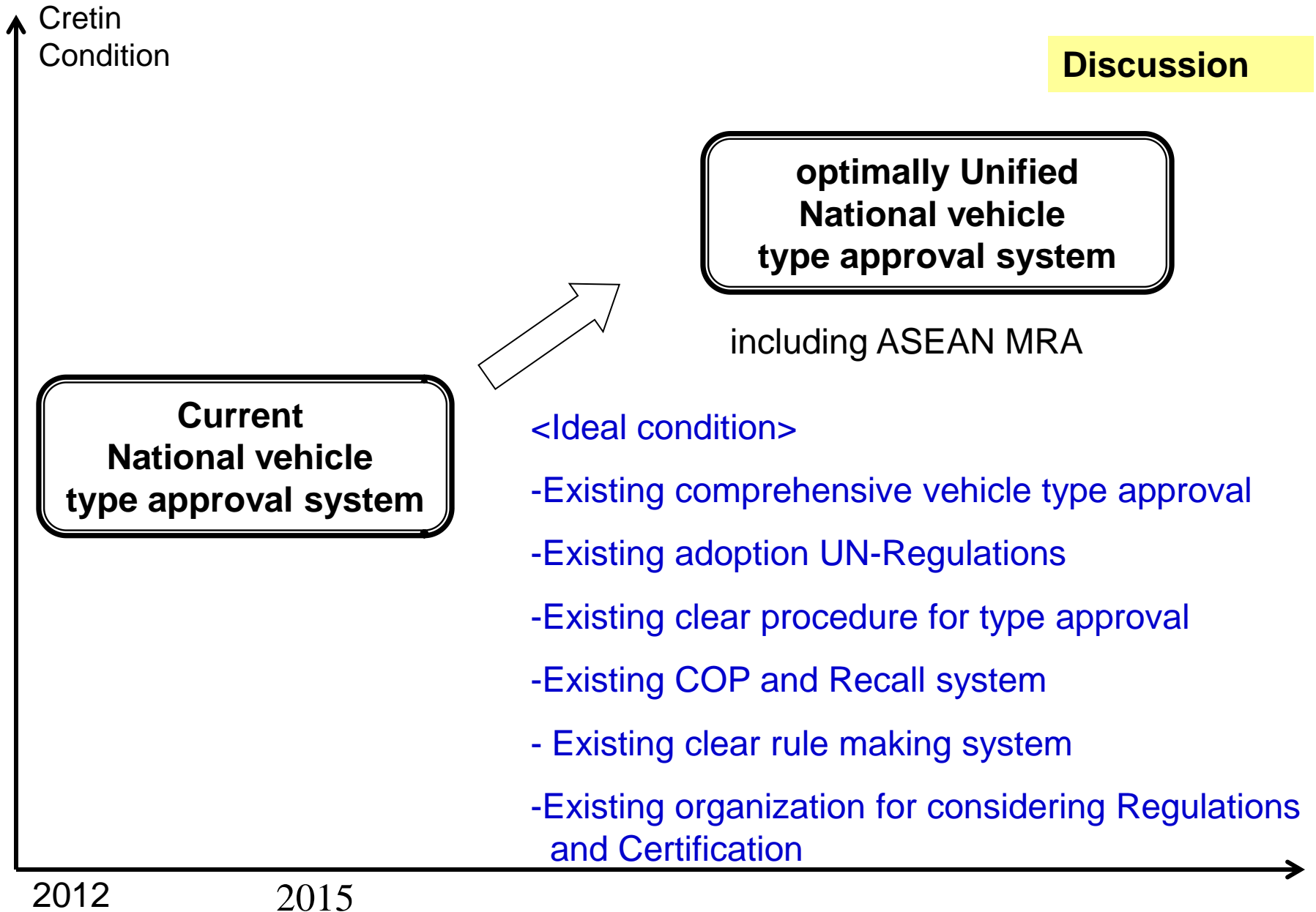
## **2. Unified vehicle type approval system in ASEAN**

- Future ASEAN MRA**
- Future National vehicle type approval system**
- Future activity and Organization**

# - Future ASEAN MRA



# - Future National vehicle type approval system



# **- Future activity and Organization**

**In order to consider future National vehicle type approval system in ASEAN,**

**What is the best way?**

**Discussion**

## **Summary**

- Fix version (Series and supplement No.) of UN-R
- Available to use earlier version of UN R
- Test Reports and Certificates
- Future vehicle type approval system
- Organization to solve issues



Thank you very much!



# Certification under the 1958 Agreement

---

The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region

4-5 December 2012

*Takao ONODA*

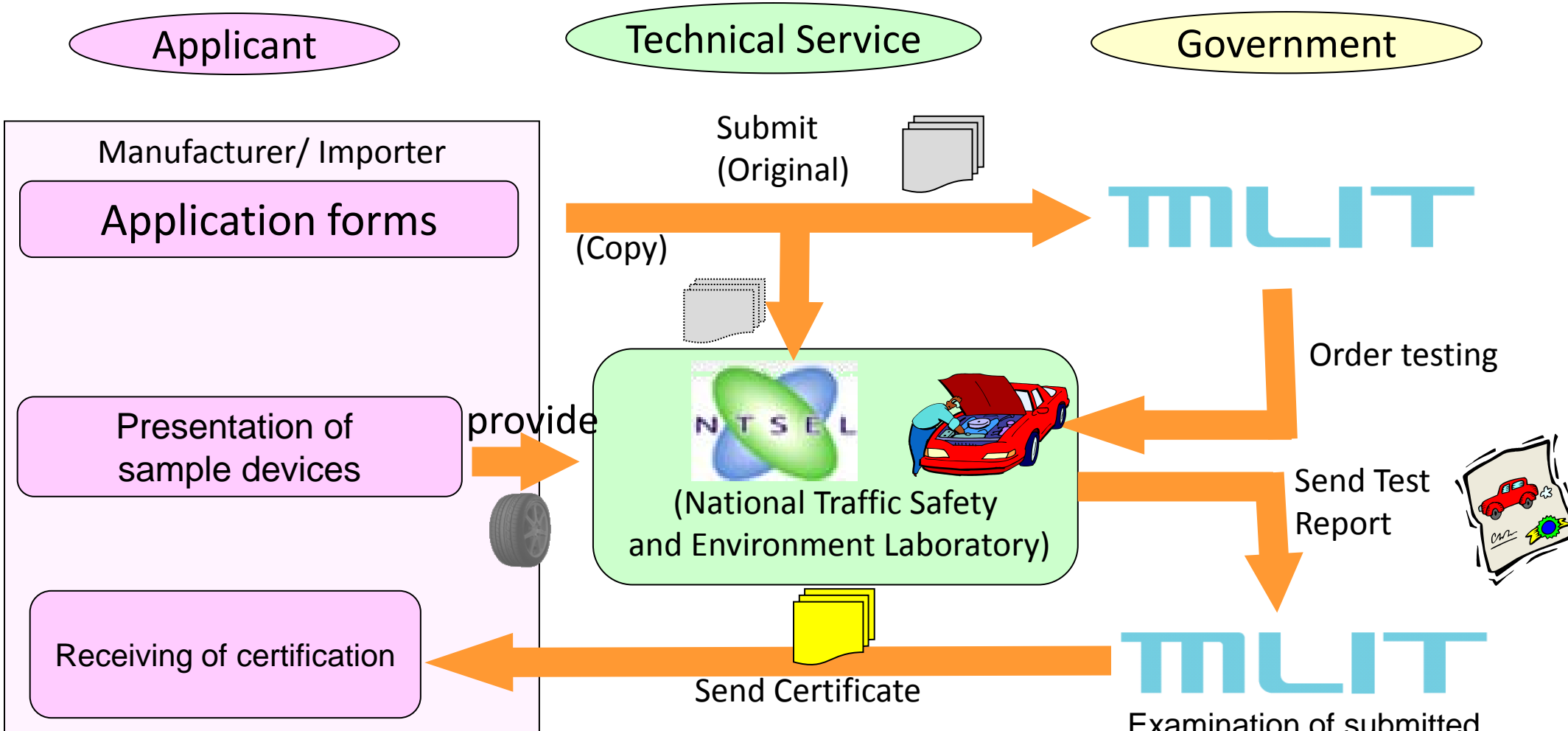
*Director, International Affairs Office,*

*Engineering Policy Division,*

*Road Transport Bureau*

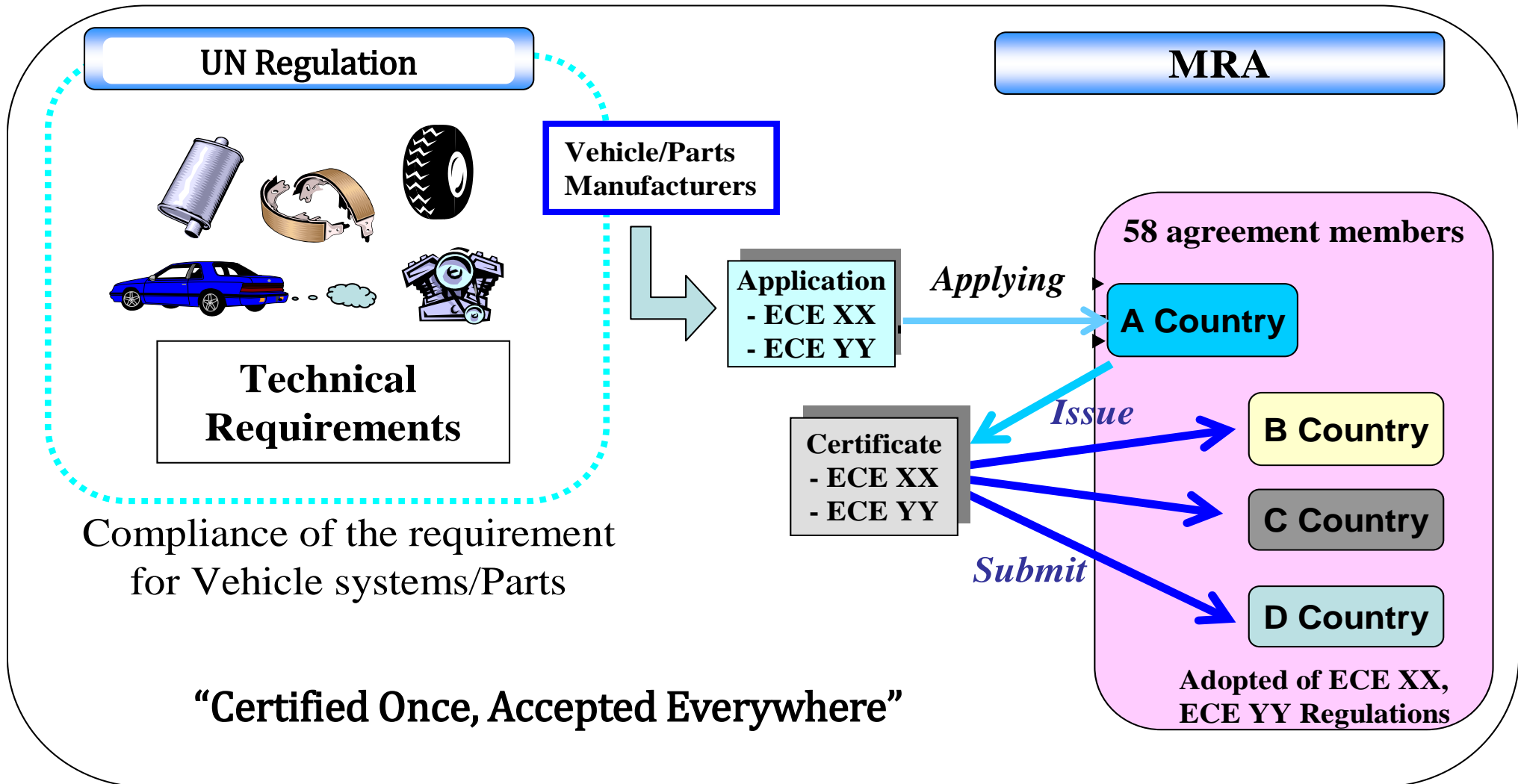


Ministry of Land, Infrastructure, Transport and Tourism



Mutual recognition under the 1958 agreement





Possible to simplify certification procedure among the contracting countries

|  | <b>Test Report</b> | <b>Certificate under the 1958 Agreement</b>   |
|--|--------------------|---|
| Issuing institution  | Technical Service  | Government  |
| Validity   | Only tested device | Devices comply with UN Regulation   |
| Conformity Of Production   | Not verified       | Verified by an Approval Authority   |
| In case of finding that certain devices do not conform to the approved types | —                  | The Contracting Party which issued the approval shall take the necessary steps to bring the products into conformity with the approved types and shall advise the other Contracting Parties applying the Regulation through type approval of the steps it has taken, which may include, if necessary, the withdrawal of approval. |
| Dispute  | —                  | Any dispute which is not settled by negotiation shall be submitted to arbitration if any one of the Contracting Parties in dispute so requests and shall be referred accordingly to one or more arbitrators selected by agreement between the Parties in dispute.   |

**Thank you for your attention!**



**MLIT**



**BRIEFING OF**  
**ASEAN MUTUAL RECOGNITION**  
**ARRANGEMENT (MRA)**  
**(PANEL DISCUSSION 2)**

**AUTOMOTIVE ENGINEERING DIVISION**  
**ROAD TRANSPORT DEPARTMENT OF MALAYSIA**



# OUTLINE

- 1) ASEAN Consultative Committee on Standards and Quality (ACCSQ)
- 2) Automotive Product Working Group (Activities and update)





# ACCSQ TOWARDS AEC – STANDARDS (1)



## Harmonization of Standards on priority sectors

- ❑ Agro-based products (prepared foodstuff)
- ❑ Healthcare products (Cosmetics, Medical Device, Pharmaceutical)
- ❑ Rubber-based
- ❑ Electrical and Electronic
- ❑ Traditional Medicine and Health Supplement
- ❑ Wood based products
- ❑ **Automotive**



## Implementation of MRAs

- ❑ ASEAN Framework Agreement on MRAs (1998)
- ❑ ASEAN Sectoral MRA for Electrical and Electronic Equipment (2002)
- ❑ ASEAN MRA of Product Registration Approval for Cosmetics (2003)  
*(MRA is Schedule A of the ASEAN Harmonized Cosmetics Regulatory Scheme)*
- ❑ ASEAN Sectoral MRA for GMP Inspection of Manufacturers for Medicinal Products (2009)
  
- ❑ **MRAs under Development**
- ❑ ASEAN MRA on Type Approval for Automotive Product.

# ACCSQ TOWARDS AEC – STANDARDS (3)



ACCSQ

Elimination of TBT to facilitate the flow of products

AEC

Economic Integration and Single Market through Free Flow of Goods

AC 2015

ASEAN Community with strong Economic Pillar

# AUTOMOTIVE PRODUCT WORKING GROUP



- ❑ APWG is created to eliminate TBT and facilitate trade in the Automotive sector.
- ❑ Elimination of Technical Barriers to Trade through:
  - ❑ harmonization of standards, technical requirements and regulations.
  - ❑ Recognition of Conformity Assessment Results through Mutual Recognition Arrangements (MRA)
  - ❑ Common regulatory regime (Regulations, procedures)

# AUTOMOTIVE PRODUCT WORKING GROUP



1. Harmonization of standards based on UN regulations.

- ☐ 19 UN regulations for immediate harmonisation
- ☐ Define technical requirements of the regulations
- ☐ Identify series of UN regulations

2. Harmonization of Motor Vehicle classification

- ☐ Identify UN classification and definition on power driven vehicles and trailers. (M1, N1 and L)
- ☐ Cross referencing with national laws

3. Fuel properties and emission regulations, certification procedures and safety regulations

- ☐ Initial activity has commenced in this area

# LIST OF 19 UN REGULATIONS (UP TO DATE)



| <b>No.</b> | <b>Automotive Product</b>            | <b>UNECE Regulation</b> | <b>UNECE Series</b> |
|------------|--------------------------------------|-------------------------|---------------------|
| 1          | Braking System                       | R13                     | 11                  |
| 2          | Braking System (Passenger Car)       | R13H                    | 00                  |
| 3          | Seat belt anchorage                  | R14                     | 06                  |
| 4          | Seat belt                            | R16                     | 06                  |
| 5          | Seats                                | R17                     | 07                  |
| 6          | Head Restraints                      | R25                     | 04                  |
| 7          | Pneumatic tyre – passenger           | R30                     | 02                  |
| 8          | Speedometer                          | R39                     | 00                  |
| 9          | Exhaust Emission (L category)        | R40                     | 01                  |
| 10         | Noise emission (L category)          | R41                     | 03                  |
| 11         | Safety glass                         | R43                     | 00*                 |
| 12         | Rear View Mirror                     | R46                     | 02                  |
| 13         | Exhaust Emission                     | R49                     | 05                  |
| 14         | Noise emission                       | R51                     | 02                  |
| 15         | Pneumatic tyre – commercial          | R54                     | 00                  |
| 16         | Driver Operated Control (L Category) | R60                     | 01                  |
| 17         | Tyre (L category)                    | R75                     | 00                  |
| 18         | Steering Equipment                   | R79                     | 01                  |
| 19         | Exhaust Emission                     | R83                     | 05                  |

# CHALLENGES




1. To harmonize unique requirements among ASEAN Member States for the identified UN Regulations ;
2. To understand in details the technical requirements for each regulation ;
3. To establish the regional testing facilities ;
4. To establish the regional expertise in ASEAN Government and Industry.



**THANK YOU**







# **Policy for ASEAN 19 items and optimal VTA in ASEAN Region**

**Thailand  
5<sup>th</sup> December 2012**

## Thailand Government Policy on ASEAN MRA

- ❖ Thai government supports the establishment of ASEAN MRA in order to facilitate trade and certification activities among ASEAN countries in year 2015.
- ❖ ASEAN MRA scope on products produced and marketed in ASEAN to support local makers.
- ❖ Accept the use of technical service and testing facility outside ASEAN.
- ❖ Thai government may not enforce all 19 UN Regulations by 2015 but they will accept the “Test Report” of 19 UN Regulations.
- ❖ Regulations under ASEAN MRA will be acceptable as alternative to national regulations.

## Regulatory body of 19 UN-R of ASEAN MRA

### ❖ **TISI : 3 mandatory standards**

- 1) **Emission (UN R40, R83 and R49)**
- 2) **Safety Belt (UN R16- component only)**
- 3) **Safety Glass (UN R43- component only)**

### ❖ **DLT : Plan to enforce the rest of UN-Regulations;**

- 1) **Safety belt (UN R16- Installation only)**
- 2) **Safety Glass (UN R43- Installation only)**
- 3) **Others; Brake (UN R13 and R13H), Seatbelt Anchorage (UN R14), Seat (UN R17), Head Restraints (UN R25), Tire (UN R30, R54 and R75), Speedometer (UN R39), Noise (UN R41 and UN R51), Rear view mirror (UN R46), Driver operated control (UN R60) and Steering (UN R79)**

## Policy on 19 UN-R of ASEAN MRA

### 1) Thai Government will accept “Test report” or “Certificate with Test Report” of ASEAN MRA

#### ❖ TISI :

- ❖ To compare “Test report” under ASEAN MRA with TISI standard to issue TISI certificate
- ❖ TIS Mark and COP are required

#### ❖ DLT :

- ❖ To accept “Test report” under ASEAN MRA as alternative of DLT regulation and issue DLT certificate
- ❖ No DLT Marking but COP is required
- ❖ DLT also accept the Test Report from Technical service under WP29

## Policy on 19 UN-R of ASEAN MRA

### 2) Acceptance of later/latest version of UN-Regulation under ASEAN MRA

#### ❖ TISI :

- ❖ By current law, TISI cannot accept the later/latest version of UN-Regulation.

#### ❖ DLT :

- ❖ Accept “Test Report” of later/latest version of UN-Regulation as alternative of DLT regulation

### 3) Considering “Worst case selection” for testing in accordance with EU practice.

- ❖ TISI and DLT have no objection



**Thank you**



# **ASEAN 19 items and the examination of the optimally unified Vehicle Type Approval System in ASEAN region**

## **Panel Discussion II**

**The 3rd Public and Private Joint Forum in Asian Region**

Manila, 5 December 2012

# ASEAN MRA - Indonesia Current VTA & Part Certification

| No. | Automotive Product                   | ASEAN MRA | Indonesia VTA                            | Indonesia Part Certif |
|-----|--------------------------------------|-----------|--|-----------------------|
| 1   | Braking System                       | R13.11    | Chassis /Roller Test Method              |                       |
| 2   | Braking System (Passenger Car)       | R13.00H   | Chassis /Roller Test Method              |                       |
| 3   | Seat belt anchorage                  | R14.06    | N/A                                      | SNI - voluntary       |
| 4   | Seat belt                            | R16.06    | Any international Standard (Test Report) | SNI - voluntary       |
| 5   | Seats                                | R17.07    | N/A                                      | N/A                   |
| 6   | Head Restraints                      | R25.04    | N/A                                      | N/A                   |
| 7   | Pneumatic tyre – passenger           | R30.02    | N/A                                      | SNI-Mandatory         |
| 8   | Speedometer                          | R39.00    | Accuracy, Tested at 40 km/hr             | SNI - voluntary       |
| 9   | Exhaust Emission (L category)        | R40.01    | Euro-2. UNR 40.01 Test Method            |                       |
| 10  | Noise emission (L category)          | R41.03    | Own Limit. UNR 41.01 Test Method         |                       |
| 11  | Safety glass                         | R43.00    | N/A                                      | SNI-Mandatory         |
| 12  | Rear View Mirror                     | R46.02    | N/A                                      | N/A                   |
| 13  | Exhaust Emission                     | R49.05    | Euro-2. UNR 49.02 Test Method            |                       |
| 14  | Noise emission                       | R51.02    | UNR 51.00                                |                       |
| 15  | Pneumatic tyre – commercial          | R54.00    | N/A                                      | SNI-Mandatory         |
| 16  | Driver Operated Control (L Category) | R60.01    | N/A                                      |                       |
| 17  | Tyre (L category)                    | R75.00    | N/A                                      | SNI-Mandatory         |
| 18  | Steering Equipment                   | R79.01    | N/A                                      | N/A                   |
| 19  | Exhaust Emission                     | R83.05    | Euro-2. UNR 83.04 Test Method            |                       |



# **Policy Direction for ASEAN MRA**

---

- 1. Support the establishment of ASEAN MRA for ASEAN benefit**
- 2. Accept UNR Certificates or Test Reports from ASEAN Member Countries**
- 3. Adopt selected UNR into SNI, considering regional condition.**
- 4. Implement/enforce selected UNR for National Regulation**
- 5. To include Part Certification into WVTA in the future**
- 6. Accept the use of Accredited Technical Service outside ASEAN, in case there is no such facility in ASEAN**

# **Views for optimal and effective implementation of ASEAN MRA**

---

- 1. Harmonise unique requirements on identified regulations**
- 2. Establish regional based testing facilities (accept utilization of testing facilities outside ASEAN as long as there is not enough such facilities).**
- 3. Establish ASEAN regional expertise**

*Salamat Po*

**Thank You**



**MINISTRY OF TRANSPORT**  
**VIETNAM REGISTER**

---

**VIETNAM'S COMMENT ON 19 ITEMS &  
OPTIMAL VTA IN ASEAN**

**Manila, Nov 05<sup>th</sup>, 2012**

**Presented by Nguyen Dong Phong**



# MINISTRY OF TRANSPORT

## VIETNAM REGISTER

---

### CONTENT

1- 19 UNECE Rs (phase 1)

2- VTA system

3- Technical services

4- COP

5- Updating information



# 1- 19 UNECE Rs (phase 1 of ASEAN MRA)(1)

---

- Current situation:
  - + Different status of adoption from MS
  - + Some items adopted already in MS
    - Some items in mandatory
    - Some items in voluntary
  - + Some items are not yet adopted in MS
  - + Version: very different among MS
  - + Some modifications from its origin



## 1- 19 UNECE Rs (phase 1 of ASEAN MRA)(2)

---

- Proposal: Vietnam support for
  - + Apply newer versions for MRA
  - + Apply roadmap if needed (in case of difficulties)
  - + Deep survey of versions and modifications applying among MS
  - + Newer versions applied for im/export vehicles
  - + Older versions can be applied for MS's domestic



# 1- 19 UNECE Rs (phase 1 of ASEAN MRA)(3)

---

- 19 item versions targeted to be used in Vietnam in 2015



| <i>No</i> | <i>Automotive Product</i>            | <i>UNECE Regulation</i> | <i>Vietnam current based-on</i>                            | <i>UNECE Series</i> |
|-----------|--------------------------------------|-------------------------|--|---------------------|
| 1         | Braking System                       | R13                     | R13-08/S1  | 11                  |
| 2         | Braking System (Passenger Car)       | R13H                    | R13-H  | 00                  |
| 3         | Seat belt anchorage                  | R14                     | R14-05, R21,R80  | 06                  |
| 4         | Seat belt                            | R16                     | R16-04/R3-C3   | 06                  |
| 5         | Seats                                | R17                     | R17-07/S2  | 07                  |
| 6         | Head Restraints                      | R25                     | R25-04   | 04                  |
| 7         | Pneumatic tyre - passenger           | R30                     | R30-07   | 02                  |
| 8         | Speedometer                          | R39                     | R39-00/S2  | 00                  |
| 9         | Exhaust Emission (L category)        | R40                     | R40, R47, 97/24/EC, 2002/51/EC, TIS2130-2545, GB20998-2007 | 01                  |
| 10        | Noise emission (L category)          | R41                     | ISO 00362:1998   | 03                  |
| 11        | Safety glass                         | R43                     | R43.00/S3  | 00*                 |
| 12        | Rear View Mirror                     | R46                     | R46-01/S4  | 02                  |
| 13        | Exhaust Emission                     | R49                     | R49  | 05                  |
| 14        | Noise emission                       | R51                     | ISO 00362:1998   | 02                  |
| 15        | Pneumatic tyre - commercial          | R54                     | R54-00/S9  | 00                  |
| 16        | Driver Operated Control (L Category) | R60                     | R60-00/S1  | 01                  |
| 17        | Tyre (L category)                    | R75                     | R75-00/S1  | 00                  |
| 18        | Steering Equipment                   | R79                     | R79-01   | 01 <sup>6</sup>     |
| 10        | Exhaust Emission                     | R82                     | R83  | 05                  |



## 2- VTA system in ASEAN

---

- Current situation:
  - + Different system from MS
  - + Some MS don't have VTA system



Proposal:

build and harmonize in line with UNECE  
1958 agreement



### 3- Technical services in ASEAN(1)

---

- Current situation:  
poor in quality, quantity and competence



- Proposal: build up for mutual use

+ Standards :

- ISO 17025: for Labs
- ISO 17021: for assessment & certification bodies
- ISO 17020: for inspection bodies

+ Assessment procedure for TS

+ Supervision mechanism for TS



## 4- COP

---

- Needed : control quality through mass production



- Proposal: build up COP procedure

+ Standards/regulation

+ Procedure

+ Supervision mechanism



## 5- Updating information

---

- On drafting:

+ Roadmap for Vehicle fuel consumption (M1 & motorcycle)

- Estimated: starting from 2015 with road map

+ Roadmap for emission inspection for motorcycle in manufacturing, import and in-use

- PM's Decision(909/Q-TTg):

- Start: from 2010

- 5 cities and with roadmap



Delayed

- Estimated: re-start from middle of 2013



**MINISTRY OF TRANSPORT**

**Vietnam Register**



**Thanks for your attention!**

**Philippine Position  
on  
ASEAN 19  
Regulations**

1. Philippines basically supports the development and implementation of the Mutual Recognition Arrangement (MRA) in the ASEAN. Except for definition of certain terms which need proper consultation with the Philippines' stakeholders, the country favors the agreement on the arrangement.



2. The Philippines is also conducting series of domestic consultations on the harmonization of the 19 priority UNECE Regulations.



3. The Philippines started to study the harmonization of the 2<sup>nd</sup> phase (32 UNECE Regulations).

4. There is a need to create the regulatory framework for technical service thru DTI of the Philippines.

Thank you for your attention



# **Development of the Vehicle Type Approval System in the Philippines**

**Department of Transportation and  
Communications**

- Mandatory presentation of VTA test result conducted at the origin of the vehicle is already enforced. However, limited to enforcement of emission standard only, as required in the Philippine Clean Air Act of 2000.

- The Department of Science & Technology (DOST) of the Philippines is seriously considering the establishment of MVTAS facility and may be authorized to conduct the test for the Department of Transportation & Communications (DOTC) / Land Transportation Office (LTO).

- The Philippines shall be submitting proposals for multi or bilateral funding for the establishment of Motor Vehicle Type Approval System test facilities.



- Upon finalization of the Noise Emission Standard, there is a high possibility of including this test in the MVTAS requirement.

- The Philippines has submitted its request for technical assistance for the conduct of Phase II of the Project for Developing Motor Vehicle Regulations and Certification for FY 2013.

*Main objective: to do benefit/cost analysis of accession to WP29*

- The Philippines is an observer to WP 29 which legislation and ratification procedures process to become a member of WP29

Thank you





# Report-2

## JICA Philippine Project

Mr. Arnel R. Manresa

Chief of Road Transport Planning Division,  
DOTC

**PHILIPPINES ACTIVITIES ON ACCESSION  
TO WP 29**

# **EXECUTIVE ORDER NO. 628**

## **Creating a Committee on Harmonization of Vehicle Standards and Regulations (CHVSR)**

# **JICA**

The Project for Developing  
Motor Vehicle Regulations and Certification  
in the Republic of the Philippines



# 1. Outline of the Project

## 1.1 Background of the Project

- ASEAN aims to organize the ASEAN Economic Community by 2015
- ASEAN also aims to establish harmonized standards and regulations and certification within the area by 2015
- In the Philippines, CHVSR which is chaired by DOTC was founded under the Executive Order 628(2007) to work towards harmonization and integration of the field in the area
- The Philippines has not yet acceded 1958 Agreement which prescribes mutual recognition of type approval , the Philippines have a lot of tasks to establish domestic system.
- In ASEAN, Malaysia and Thailand have already joined and Indonesia is preparing for participation
  - ⇒ In response to the formal request from the government of Philippines, the government of Japan started supporting the Philippines by this project.

## 1.2 Purpose of the Project

- (1) Developing framework of motor vehicle regulations and certification system
- (2) Designing Roadmap for accession and operation of the 1958 Agreement.

## 2. Project Activities and the Results

### 2.1 CHVSR Meetings

#### 2.1 CHVSR Meetings

DOTC hold CHVSR meetings regularly as an official place for discussion.

Radicated and stimulated activities for developing Motor vehicle regulations and certification system.

JASIC lectures on basic knowledge for developing Motor vehicle regulations and certification system,  
and lectures to provide relevant information requested.

#### 2.1.1 CHVSR Meetings –Discussion at CHVSR and major agreements

(1) The 1<sup>st</sup> CHVSR Meeting held on 7 September, 2011

- Presentation of the inception report and approval of it.

(2) The 2<sup>nd</sup> CHVSR Meeting held on 27 October, 2011

- Proposal and discussion of draft concept for a new motor vehicle regulations and certification system.
- Proposal and discussion of draft roadmap for accession to the 1958 Agreement.

(3) The 3<sup>rd</sup> CHVSR Meeting held on 8 December, 2011

- Approval for draft concept for a new motor vehicle regulations and certification system.
- Approval for draft roadmap for accession to the 1958 Agreement.

(4) The 4<sup>th</sup> CHVSR Meeting scheduled on 15 February, 2012: Follow up

## 2.2 Establishing a Roadmap of Accession to the 1958 Agreement

| Activity \ Year                    | 2011  | 2012 - 2014   | 2015        |                               |
|------------------------------------|---|---|-------------|-------------------------------|
| Accession to the 1958 Agreement    | Designing roadmap                             | Collaboration with DFA<br>Streamlining laws<br>Ratification procedure | ★ Accession |                               |
| Adopting ECE Regulations           | Prioritizing of ECE regulations to be adopted | Adopting 19 items of ECE regulations<br>(Agreed in ASEAN)             |             | Adopting more ECE regulations |
| Whole Vehicle Type Approval System | Developing framework                          | Establishing detailed rules<br>Building system and start operation    |             |                               |

**【Condition】** Accessing to the 1958 Agreement, Adopting ECE 19 items of ASEAN agreed in 2015

**【Policy】** Identifying all the necessary actions, coordination, scheduling and clarification of roles for

① Accession to the 1958 Agreement (Procedure in the Philippines) ② Introducing ECE regulations to the Philippines ③ Introduction of WVTAS

**【Content of Report】** Explanation of fundamental policy and its background

| 活動<br>Activity   | 目的/期待成果<br>Purpose/Expected Results                             | 課題<br>Tasks   | 詳細項目および担当<br>Details & Responsibility                            | 日程 Schedule   |   |           |
|--|---|---|--|---|---|-----------|
|  |   |   |  | JASIC   | CHVSR   |           |
| 1<br>Information and Education (IE) on the advantages and disadvantages of Accession to 1958 Agreement | 1.1<br>Official stand of the Philippines on the 1958 Agreement. | 1.1.1   | Review provisions of EO 628 particularly participation to WP 29. | CHVSR議長、WG-3) 加盟の国際的位置づけ、目的、必要性、社会的影響を説明<br>CHVSR Chairperson,SC-3) Deliberations on 1958 Agreement for brief explanation on the positioning of accession, purpose, necessity and social impact before starting the procedure   | -   | 2011-2012 |
|  |   | 1.1.2   | Detailed review of 1958 Agreement.                               | DOTC to coordinate with DFA on procedure  | -   |           |
|  |   | 1.1.3   | 58協定の理解<br><br>Increase understanding of the 1958 Agreement      | JASIC) ミナ開催、日本の経験・知見紹介 ( 58年協定加盟し順次ECE法規を採用 ) ,58協定と98協定の違い<br>JASIC) Open seminars and share Japanese experiences and knowledge (in the accession to the 58 Agreement and successive adoption of ECE regulations thereafter)、Differenced between '58 and '98 agreement | 2012 Feb.   | 2011-2012 |
|  |   |   |  | JASIC) 日本の事例説明<br>JASIC) Present cases in Japan   | 2011 Dec.   | -         |
|  | 1.2   | Identification of the procedure/requirements of signing and ratification.       | 1.2.1  | Secure materials about accession or DFA to secure materials from the UN Sec.<br>DOTC,DFA) 国内必要手続きの確認とスケジュール作成<br>DOTC,DFA) Confirm the procedure and documents required<br>SC-3 with DFA on steps of accession to WP 29 Agreements and the required documentations.     | -   | 2010      |
|  |   |   | 1.2.2  | Request DFA to confirm Philippine process of accession to international Agreements.<br>SC-1,2,3,4 ) 不明点の整理とその解消 ( 必要に応じJASIC支援 )<br>SC-1,2,3,4) Identify what remains unclear and clarify them <- JASIC's support   | -   |           |
|  | 1.3   | Coordination of various efforts and among agencies of activities for accession. | 1.3.1  | Present advantages to the country's economy related to accession<br>JASIC ) 58協定の特徴とメリットの説明<br>JASIC) Present the character of 1958 agreement and its advantage   | 2011 Dec.   | -         |
|  |   |   |  | SC-1,2) 加盟メリットのまとめ<br>SC-1,2) summarize the advantage of accession to the agreement   | -   |           |
|  |   |   | 1.3.2  | Draft overall development plan on certification and regulations for Vehicle Manufacturing Industry arising from 1958 Agreement<br>CHVSR & SC-1,2,3,4) Study on preliminary estimation/design of certification and regulations   | -   |           |
|  |   |   |  |   | DOTC ) NEDA/BOIへ説明と質問への対応<br>DOTC) Present the plan to NEDA/BOI | -         |
|  | 1.4   | 国内手続の確認と対応<br><br>Confirmation of domestic procedures                           | 1.4.1  | DOTCリーガル ) 58協定加盟国内手続き手順の確認。<br>DOTC legal div.)Confirm the necessary procedure for domestic discussion / approval  | -   | 2011-2012 |
|  |   |   |  | DOTC) 懸念されるマイナス項目とその対応策の検討<br>DOTC) study potential risks/negative effects (impact assessment) and the identify countermeasure  | -   | 2011-2012 |
|  |   |   |  | Study predictable issues and Q&A<br>JASIC) 懸念項目の解消あるいは対策案をDOTCと協議<br>JASIC) discuss the potential risk and support DOTC in drafting measures  | 2012Feb   | 2011-2012 |
|  |   |   |  | DOTC SC) ロードマップ 詳細実行計画 ( 役割分担とスケジュール ) への反映<br>DOTC SC) Reflect them to the details of roadmap (role sharing and schedule)  | -   | 2011-2012 |
|  | 1.5   | 加盟への合意形成活動<br><br>Build a consensus for accession                               | 1.5.1  | ハイレベルへの働きかけ<br>JASIC ) アイデア出し、参考事例の説明<br>JASIC ) present idea and or explain cases in Japan   | 2012Dec   | 2011-2012 |
|  |   |   |  | Work on high-level stakeholders<br>SC-3,4 ) CHVSRでの合意形成にむけて対応<br>SC-3 and 4)Develop a consensus at CHVSR  | -   |           |
|  |   |   |  | DOTC ) 議員への理解活動、経済効果を示す資料作成<br>DOTC) Develop materials to demonstrate economic effects and increase understanding among lawmakers   | -   |           |

### 3. Road Map for 1958 Agreement (detail)

-including ECE introduction and WVTAS

#### Concept

➤ Target on three main issues:

- Accession to the 1958 Agreement
- Adoption of ECE regulations
- Creation of WVTAS (Whole Vehicle Type Approval System)

STEP 1: Information and Education on the advantages and disadvantages of Accession to 1958 Agreement

STEP 2: RP Delegation meeting with UN Secretariat

STEP 3: Preparation of Road Map for Accession

STEP 4: Commencement of documentations and activities that related to accession

STEP 5: Official declaration for accession to 1958 Agreement by the President

STEP 6: Prepare accession bill

STEP 7: Ratification by Congress

STEP 8: Introduction of ECE Regulations and MRA

STEP 9: Introduction of WVTA system

STEP 10: Follow-ups

# STEP 1: Information and Education on the advantages and disadvantages of Accession to 1958 Agreement

1.1 Official stand of the Philippines on the 1958 Agreement.

1.1.1 Review provisions of EO 628 particularly participation to WP 29.

- CHVSR Chairperson, SC-3) Deliberations on 1958 Agreement for brief explanation on the positioning of accession, purpose, necessity and social impact before starting the procedure

1.1.2 Detailed review of 1958 Agreement.

- DOTC to coordinate with DFA on procedure

1.1.3 Increase understanding of the 1958 Agreement

- JASIC) Open seminars and share Japanese experiences and knowledge (in the accession to the 58 Agreement and successive adoption of ECE regulations thereafter), Differenced between '58 and '98 agreement

- JASIC) Present cases in Japan

1.2 Identification of the procedure/requirements of signing and ratification.

## 4. Current situation and way forward

**4.1** The Philippines basically supports the development and implementation of the Mutual Recognition Arrangement (MRA) and the single regulatory region for automotive sector. It is currently undertaking further domestic consultations to confirm its official stand as to whether the MRA should cover products “manufactured and marketed in ASEAN” or whether the MRA shall cover products “marketed in ASEAN” regardless of the source.

**4.2** On the harmonization of the 19 priority UNECE Regulations (Phase 1) , the Philippines is conducting series of domestic consultations with all stakeholders to align its national/domestic standards, technical requirements and regulations with UNECE regulations.

## 4. Current situation and way forward

**4.3** The Philippines is likewise preparing the harmonization for the 32 UNECE Regulations (Phase 2).

**4.4** The Philippines is the lead member state in the preparation of the summary of compilation of Harmonization of Motor Vehicle Classification among ASEAN Member States (AMS).

**4.5** Stakeholder consultation on the replacement of R60 with R28 due to unreadiness by the industry and safety reasons.



## 4. Current situation and way forward

**4.6** The Philippines is waiting for the template to be developed by Thailand on the harmonization of UNECE Regulation for M1 and N1 categories of vehicles.

**4.7** The Philippines need to pass a law to create the regulatory framework for Technical Service.

5. The DOST is looking at the establishment of the Motor Vehicle Type Approval System Test (MVTAS) facility.
6. The Philippines has submitted its request for technical assistance for the conduct of Phase II of the Project for Developing Motor Vehicle Regulations and Certification for FY 2013.
  - Main Objective: To do benefit/cost analyses of accession to WP 29.

*End of Presentation*



# Report-3

## China and India Forum in 2012, and their Country Report

China and India

# JASIC India Forum

Presented at:

**The 3<sup>rd</sup> Public & Private Joint Forum in Asian Region**

**December 4-5<sup>th</sup>, 2012**

**Manila**

# Conclave on 1958 Agreement (UNECE WP.29)

Organised by:

**Ministry of Shipping, Road Transport & Highways, Government of India**

**Japan Automobile Standards Internationalization Center- (JASIC)**

**27th – 28th September 2007. New Delhi**

**Day-1**

(

**Welcome Address by Mr S K Dash, Joint Secretary  
Ministry of Shipping Road Transport & Highways**

**Address by Mr Akiba Tadaomi  
Executive Director, JASIC**

**Japan Automobile Standards Internationalization Center- (JASIC)**

**Inaugural Keynote Address by Mr Brahm Dutt, Secretary  
Ministry of Shipping Road Transport & Highways**

**Vote of Thanks by Dr Ajay Sehgal, Director  
Ministry of Shipping Road Transport & Highways**

**Technical Session – I**

**Rule Making in India**

**by Mr S K Dash, Joint Secretary  
Ministry of Shipping Road Transport & Highways**

**Technical and Commercial Implications  
for Joining 1958 Agreement by JASIC  
Followed by Question & Answers**

**Technical Session-II**

**Country Perspective on Accession to 1958 Agreement\***

# Day-2

## Technical Session-III

- Emerging Testing and Technical Services Requirement for 1958 Agreement by NTSEL, Japan
  
- **Accession to 1958 Agreement – Indian Perspective**
  - Country Presentation by Dr G K Sharma, Director, (Technical), NATRIP
  - Industry Presentation by SIAM & ACMA
  
- **Perspective of UNECE WP.29 on 1958 Agreement**
  - Mr Juan Ramos- Garcia, UNECE Transport Division, Chief of the Technology Section
  
- **Open House Panel Discussion**
  - Chairman: Mr S K Dash, Joint Secretary, Ministry of Shipping, Road Transport & Highways
  - Discussants: SIAM, ACMA, NATRIP, ARAI, JASIC

# 2<sup>nd</sup> JASIC- INDIA FORUM

*21st October, 2009 Japan*

- **Agenda**
- **Welcome and opening address**
  - Mr. Noritoshi Horigome : JASIC
  - Mr. Ambuj Sharma DHI
- **WP29 activities after the accession of the 1998 Agreement & Considerations for the accession of the 1958 Agreement in India : Mr. K. K. Gandhi, SIAM**
- **Presentation on NATRiP : Mr. Rajesh Singh, CEO & PD NATRiP**
- **WP29 activities after the accession of the 1958 Agreement in Japan Mr. Tadaomi Akiba, JASIC**
- **he India-Japan cooperation for the accession of the 1958 Agreement Mr. Masayuki Shima MLIT**
- **Other business**
  - EFV conference
  - Others



# 3<sup>rd</sup> JASIC- INDIA Forum

Date: October 21st, 2010

Place: The Park, New Delhi

- **Opening address**
  - Mr. Ambuj Sharma, Joint-Secretary, Department of heavy Industry
  - Mr. Noritoshi Horigome, Director General, JASIC
- **Current situation of WP29**
  - International Harmonization Activities of WP29 in Japan :Mr. Ryosuke Itazaki, Director, International Affairs Office, Engineering and Safety Dept., Road Transport Bureau, MLIT
  - Current situation and future plan for Indian Type Approval Process and hope for IWVTA :SIAM
  - International Whole Vehicle Type Approval system (IWVTA) and revised 1958 Agreement : Mr. Michio Miyamoto, IWVTA Roadmap Committee, JASIC
  - Requests of Harmonization of Automotive Regulations in India from Japan Auto Parts Industries : Mr. Kazuhiko Satsuma, WP29 Subcommittee, JASIC
- **Interested area regarding the cooperation between Japan and India in the automobile sector**
  - The latest situation of NATRiP, Correlation of testing facilities (equivalent ability of exhaust emission test and collision test) : Mr Rajesh Singh, CEO & PD, NATRiP
  - India's workflow for adopting UNECE regulations : SIAM
- **Exchange on the next JASIC-INDIA meeting, Q&A**
- **Closing remarks**
  - Mr. Ambuj Sharma, Joint Secretary, Department of Heavy industry
  - Mr. Noritoshi Horigome, Director General, JASIC



**Organised by :**

- **Dept. of Road Transport & Highways & Department of Heavy Industry**

# **. 4th JASIC - India Forum**

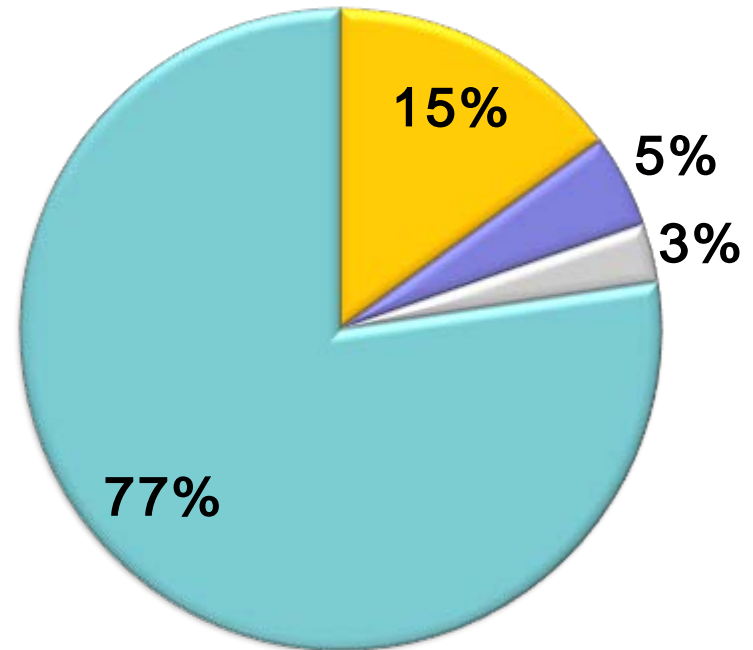
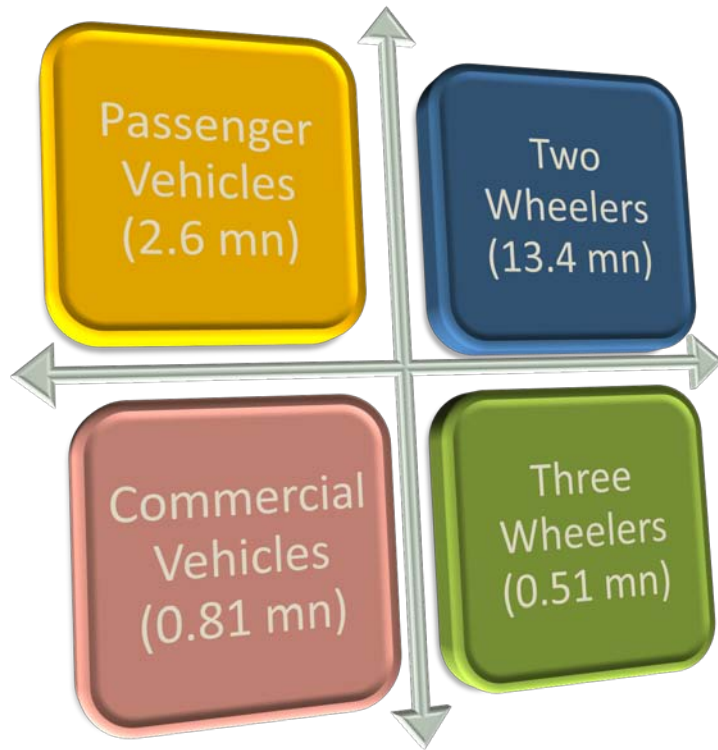
**5th November, 2012**

**Conference Hall, Dept of Heavy Industry,  
New Delhi**

# Agenda

- **Welcome and Opening remarks**
  - Mr. Nitin Gokarn, CEO&PD, NATRiP
  - Mr. Yoshihiro Nanto, Director General, JASIC
- ***WP29 activities, 1958 Agreement, IWVTA, adopting UN Regulation, Indian current situation etc.***
  - **Keynote presentations from India**
    - Mr. Vikram Gulati, Director (Operations), NATRiP
    - Mr Ravi Shankar, Tata Motors
  - **Keynote presentation from Japan**
    - Action Plan for the Internationalization of regulation & Certification System - Mr Hiroshi Morimoto, MLIT
    - Necessity of Cooperation with Asia countries under the framework of IWVTA – Mr Takaki Kasai, JASIC.
    - The importance of regulation harmonization from a viewpoint of parts industry – Mr Keiichiro Nojiri, JASIC
- **Exchange on the next JASIC-INDIA forum, Q&A**
- **Closing remarks**
  - Mr. Niraj Kumar, Director (Auto), DHI.
  - Mr Hiroshi Morimoto, MLIT.

# Indian Vehicle Market Apr'11 - Mar'12



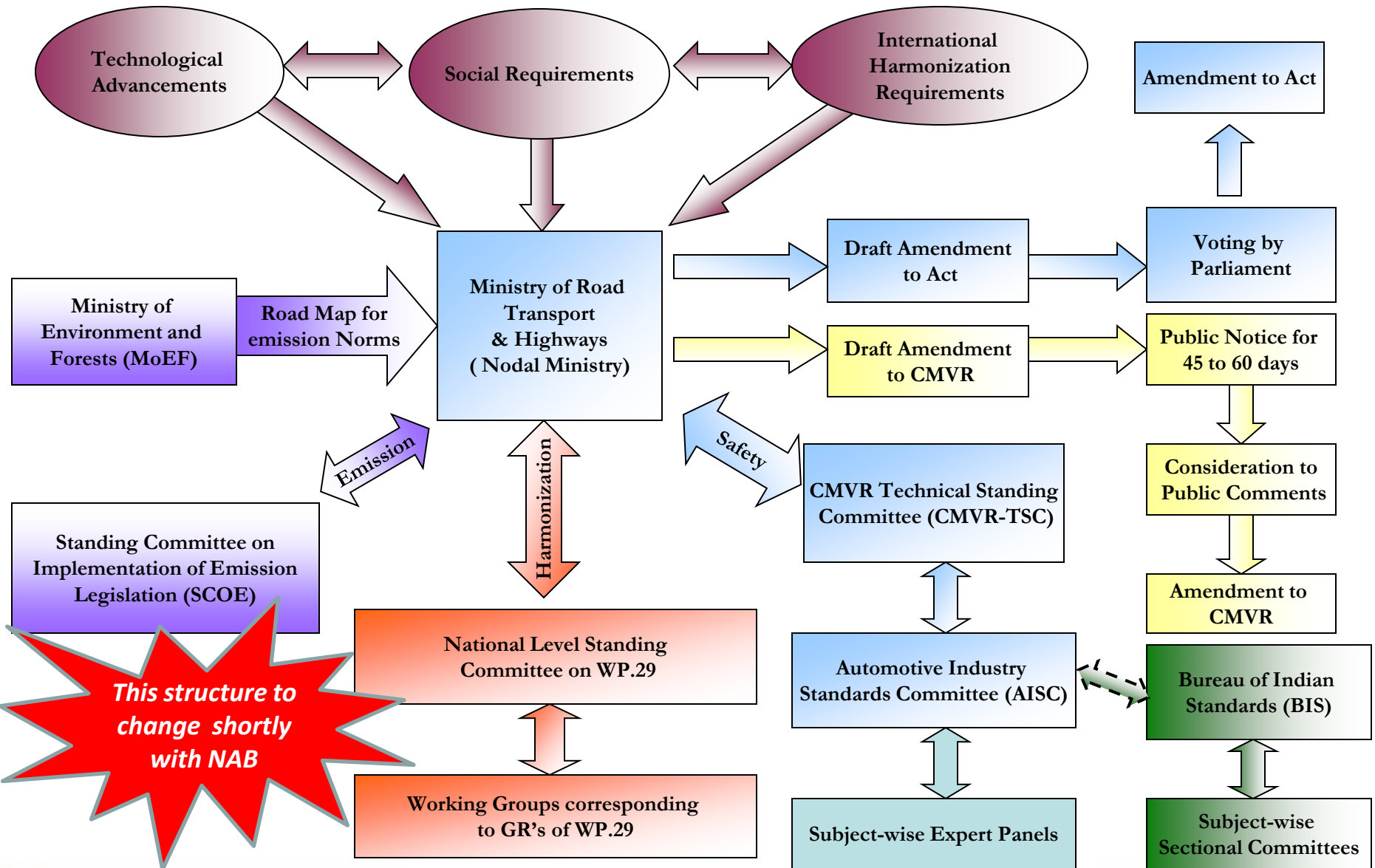
Total Vehicles Sold: 17.4 mn

Total Registered Vehicles: 125.25 mn

# Certification System followed in India

- India follows a system of Type Approval of vehicles.
- The Agencies authorised to test and certify the vehicles and components are listed in CMVR.
- Six Testing agencies currently authorised
  - Automotive Research Association Of India, Pune,
  - Vehicle Research & Development Establishment, Ahmednagar,
  - Central Farm Machinery Testing and Training Institute, Budni,
  - Indian Institute of Petroleum, Dehradun,
  - Central Institute of Road Transport, Pune and
  - International centre for Automotive Technology, Manesar
- After Type Approval, periodic Conformity of Production (CoP) testing is carried out for Emissions requirements by the Type Approval Agencies on vehicles picked from the production line.
- Currently, the CoP is conducted only for Emissions requirements for vehicles. The CoP for components is also planned to be introduced shortly.

# EXISTING REGULATORY STRUCTURE IN INDIA



# India Participation in WP 29: Status & Contribution

- India started participating in WP.29 activities since the year 2003 and became a signatory to 1998 Agreement in 2006.
- India has contributed significantly in formulation of Global Technical Regulations (GTRs) on World-wide Motorcycle emission Test Cycle (WMTC), Worldwide harmonized Light Vehicle Test Procedures (WLTP) etc. under 1998 Agreement.
- India has notified GTR 2 (WMTC) as an alternate mass emissions standard (Bharat Stage III) for two wheeled gasoline vehicles in its national regulations.
- India has Chaired Informal Group on Environmentally Friendly Vehicles (EFV), an important activity under WP.29/GRPE, for last 2 years and set a direction for further activities. This group is working on formulation of evaluation concept of EFV.
- Director ARAI is recently appointed as Co-chairman for Working Party on Pollution and Energy (GRPE).

# India's View on 1958 agreement

- **Voting in AC.1 for establishing UN Regulation /Amendment to UN R**
- ➤ **A quorum of consisting of not less than half of the Contracting parties is required for taking decision:**
- ◦ Procedure should be evolved in voting system so that Contracting Party (CP) which can not physically participate in WP.29 session should get opportunity to submit their views to WP.29 Forum.
- ➤ **Establishing new UN Regulation or Amendment to UN regulation by 2/3 majority of those present and voting in AC.1**
- ◦ Principle of 2/3 majority for establishing the regulation should be reviewed. Especially in view of large majority of votes in EU community.



# India's Views on 1958 agreement cont....

- **Earlier version of UN Regulation**
  - It is necessary to keep provisions for earlier versions of UN Regulation for the process of Mutual Recognition of Approval (MRA). This would help, especially for emerging countries, to initiate this activity and to make further progress towards harmonization especially with stringent later versions of UN Regulations, which are based on the advanced technology. e.g. Emission norms, Brakes, Safety belts.
- **➤ Acceptance of approval to latest or earlier version of UN Regulation**
  - Limitations of various countries due to many factors (such as technology, infrastructure etc.) have to be addressed and in case country cannot accept latest version, it should have freedom to declare that they will not have the higher version. One such example is vehicles designed for stringent emission norms may not be suitable for country, which has mandated lower level norms due to non-availability of required fuel quality.

## India's Views on 1958 agreement cont.....

- **The qualification of Technical Service (TS)**
  - Technical Service (TS) must be accredited for compliance to relevant standards for quality system and competency. The technical and administrative norms for granting accreditation and their review on a continual basis should be standardized.
- **Other issues**
  - System for ensuring uniformity of trust across nations is available. Currently, there is no such system for supervision of certification system of signatory countries by WP29.
  - Even though the type approval system of most of the contracting parties are well established, there are interpretational issues in accepting approvals from some other signatories.







Thank You



# Report-3

## Expert Meetings in 2012 and plan for 2013

Mr. Hiroshi Morita  
Director,  
Japan Automobile Standards  
Internationalization Center (JASIC)

Public and Private Joint Forum

**Report of the 2012 JASIC  
Asia Expert Meetings  
and its plan for 2013~**

5 December, 2012

Hiroshi MORITA



JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER

<http://www.jasic.org>



# Concept of the Expert meetings

*Under the JASIC P/P Forum,*

- ◆ To improve the understanding of the 1958 Agreement and the UN Regulations by the Asian countries.
- ◆ To strengthen the cooperation among Asian countries.

# Expert Meeting

## Purpose

To understand UN Regulations and improve the knowledge, skills, methods also the certification system, COP practically through the whole vehicle approval systems under the 1958 Agreement.

## Process



**P/P Forum**

**②** Request UN-items



Arrange Experts and dispatch them to the country to carry out the Expert Meeting



## History

- 2003: 01. Thailand \*Lamp
- 2005: 02. Indonesia \*1958 Agree.
- 2005: 03. Thailand \*Brake
- 2006: 04. Philippines \*1958 Agree.
- 2006: 05. Hong Kong \*Approval
- 2006: 06. Thailand \*Belt, Seat etc.
- 2007: 07. Philippines \*Admin.
- 2007: 08. Indonesia \*Accession, ECE
- 2007: 09. Vietnam \*1958 Agree.
- 2007: 10. India \*Approval, MRA
- 2007: 11. Indonesia \*Noise
- 2008: 12. Thailand \*HL, Brake
- 2008: 13. Indonesia \*Glass
- 2008: 14. Thailand \*Noise, OBD
- 2008: 15. Malaysia \*Belt, Seat etc.
- 2008: 16. Indonesia \*Emission

- 2009: 17. Philippines \*Approval etc.
- 2009: 18. Philippines \*Belt, Tyre
- 2009: 19. Malaysia \*MRA, Lamp
- 2009: 20. Vietnam \*Glass
- 2009: 21. Philippines \*Noise, Glass
- 2010: 22. Vietnam \*Emission, Tyre
- 2010: 23. Malaysia \*Brake
- 2010: 24. Indonesia \*Brake
- 2011: 25. Thailand \*Steering
- 2011: 26. China \*EMC
- 2011: 27. Philippines \*Tyre, AWD
- 2011: 28. Vietnam \*Head lamp
- 2011: 29. Malaysia \*Protection of Occupants
- 2012: 30. Malaysia \*EV, Exhaust Emission
- 2012: 31. Vietnam \*Prevention of Fire Risks and Recall
- 2012: 32. Thailand \*Seat, Tyre

Each requested country arrange the venue and collect the audiences



**EX Meeting13**

# Expert meetings in 2012

|                        | <i>Organization</i> | <i>Timing</i> | <i>Theme</i>  |
|------------------------|---------------------|---------------|---|
| <b>30<sup>th</sup></b> | <b>Malaysia</b>     | <b>July</b>   | <b>R100 (Electric Power Train) ,<br/>R40, R83 (Exhaust Emission)</b>  |
| <b>31<sup>st</sup></b> | <b>Vietnam</b>      | <b>August</b> | <b>R34 (Prevention of Fire Risks) ,<br/>Recall</b>  |
| <b>32<sup>nd</sup></b> | <b>Thailand</b>     | <b>August</b> | <b>R80 (Seat-Large Passenger<br/>Vehicle) ,<br/>R117 (Tyres with regard to<br/>rolling sound emissions)</b> |



# 31<sup>st</sup> Expert meeting in Vietnam



# 32<sup>nd</sup> Expert meeting in Thailand



# Trend in 2012

## 1. Decrease of the number of countries requesting Expert Meeting.

- **Indonesia and Philippines didn't hold Expert Meeting this year.**
- **Affected by each countries projects(Indonesia , Malaysia, Philippines)?**
- **R41,R51 (Noise) Malaysia planed theme for Expert Meeting were lectured in Malaysia project.**

## 2. Increase of the countries requesting for Electric Vehicle.

- **Malaysia held Expert Meeting for EV this year.**
- **APWG-WS on EV(R100,R12,R94,R95) was also held in April and September.**
- **Vietnam and Thailand plan Expert Meetings for EV after 2013.**

# Future plan for Expert meetings(1)

| <i>Organization</i> | <i>Timing</i> | <i>Theme</i>  |
|---------------------|---------------|---|
| <b>Vietnam</b>      | <b>2013</b>   | <b>R100(Electric Vehicle)</b>   |
| <b>Malaysia</b>     | <b>2013</b>   | <b>R58(Rear Underrun Protection),<br/>R73(Lateral Protection),<br/>R93(Front Underrun Protection),<br/>R107(Bus general Construction)</b>                                       |
| <b>Philippines</b>  | <b>2013</b>   | <b>R39(Speed meter),<br/>R60(Driver Operated Cont)</b>  |
| <b>Thailand</b>     | <b>2013</b>   | <b>R30, R54 (Pneumatic tyre),<br/>R39(Speed meter),<br/>R46(Rear View Mirror),<br/>R60(Driver Operated Cont)<br/>R85, R94/R95,R100(EV safety and<br/>environmental aspects)</b> |



# Future plan for Expert meetings (2)

| <i>Organization</i> | <i>Timing</i> | <i>Theme</i>   |
|---------------------|---------------|--|
| <b>Vietnam</b>      | <b>2014</b>   | <b>Recycle and motorcycle emission</b>   |
| <b>Malaysia</b>     | <b>2014</b>   | <b>R10(Electromagnetic Compatibility)<br/>R34(Prevention of fire risk)</b>                 |
| <b>Thailand</b>     | <b>2014</b>   | <b>R87 (Daytime Running Lamps)<br/>R123 (AFS)</b>  |
| <b>Malaysia</b>     | <b>2015</b>   | <b>R21 (Interior Fitting )<br/>R26 (External Projection)<br/>R55 (Mechanical Coupling)</b> |
| <b>Thailand</b>     | <b>2015</b>   | <b>R12 (Steering Mechanism)<br/>R94 (frontal collision )<br/>R95 (lateral collision)</b>   |

***Thank you for your attention***



## Wrap Up

Mr. Takao Onoda,  
Director, International Affairs Office,  
Engineering Policy Division,  
Road Transport Bureau, Ministry of Land,  
Infrastructure, Transport and Tourism(MLIT),  
Japan

## Wrap-up

The 3rd Public and Private Joint Forum in Asian Region (The 17th JASIC Asia Government/Industry Meeting) was held in Manila, December 4-6, 2012 as the second meeting in the 6th Series of Public and Private Joint Forum. In accordance with the series theme “Promoting the International Whole Vehicle Type Approval (IWVTA) Concept under the UN Regulation Framework for Realizing Harmonization of Regulations and Establishing Mutual Recognition of Approvals (MRA) in the Asian Region,” a wide range of in-depth opinions were presented by and discussed among the participating economies regarding the existing three objectives of the Forum:

Objective (1): To establish a system of cooperation for further international harmonization activities so that each Asian economy understands the WP.29 activities and the merits of accession to the 1958 Agreement through the Public and Private Joint Forum.

=> Regarding the framework after 2015 as a new function of public and private joint forum, Malaysia proposed to have WP29 technical committee with ASEAN and Japan participation.

The Forum agreed in general on the necessity of creating new function to exchange the views towards and from WP29 in Geneva. Where ASEAN position is concerned, the delegation from ASEAN said it should be first discussed in the APWG. The outcome of the discussion may be shared with this Forum. The details of the new function of Public and Private Joint Forum (Concrete contents to be discussed, meeting frequency, time, necessity of Steering committee, or Sponsor/Secretariat, etc.) will be continuously discussed at the next forum.

Objective (2): To coordinate and communicate an integrated Asian voice to WP.29 for the development of the IWVTA and UN Regulation/GTR.

=> The Forum has considered ongoing activities in IWVTA Informal group and welcomed in principle the proposal for the treatment of earlier version of UN Regulation, flexible voting procedure and the developments of flexible scheme of Regulation No.0.

In addition, the Forum also confirmed that Asian countries should be more involved in making UN regulations/GTRs to become truly globally harmonized regulation. If necessary, the one voice proposal from Asian region will be submitted to WP29 in future.

Objective (3): To promote understanding on the IWVTA concept for development of the regional common Whole Vehicle Type Approvals system through the ASEAN MRA activities.

=> The participants confirmed the following:

- The Forum noted that the revision of the 1958 Agreement could make it possible for the contracting party to issue type approval certificates based on previous versions. In the future, ASEAN Member States could benefit from using certificates based on the 1958 agreement, in carrying out ASEAN MRA.

- The Forum participants are encouraged to monitor all IWVTA activities to the benefits of the future developments of the regional common WVTA system.

The Forum was informed that the next IWVTA informal sub group meetings will be held on 22-24, January 2013, in Tokyo, Japan.

The Forum also noted that, to successfully achieve the objectives, it would be most effective for each country to continue to work with all stakeholder together, public and private sectors side by side.

In addition, it was agreed that the next Public and Private Joint Forum will be held in Thailand around December 2013.



# Closing Address

**Atty. Alfonso V. Tan, Jr.**  
**Executive Director, LTO, Philippines**

































# The 3<sup>rd</sup> Public and Private Joint Forum in Asian Region

- Day 3 -

- Technical Tour -

Place: TOYOTA MOTOR PHILIPPINES CORPORATION  
Toyota Special Economic Zone  
Santa Rosa-Tagaytay Highway, Santa Rosa City, Laguna

Tel.: Manila Trunk Line (+2) 825-8888

Laguna Trunk Line (+49) 541-3020

Fax: (+2) 6800-5086

Web URL: [www.toyota.com.ph](http://www.toyota.com.ph)

















# Memo



# Minutes



# Evaluation

**Attendee Survey**  
**The 3<sup>rd</sup> Public and Private Joint Forum in Asian region**  
**- The 17<sup>th</sup> JASIC ASIA GOVERNMENT/ INDUSTRY MEETING -**  
**Dec. 4 - 6, 2012**

Thank you for your participating in "the 3<sup>rd</sup> Public and Private Joint Forum in Asian region" in the Philippines. We would highly appreciate if you take a few minutes to answer the following questions.

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Country (Economy): \_\_\_\_\_

**1. As for the theme of 6th series of P/P Joint Forum, "Developing infrastructure in each country to realize mutual recognition of Whole Vehicle Type Approvals under UN Reguration framework with the regulations annexed to the 1958 Agreement"**

interesting **8**

not so much of my interests

**--- Day 1 ---**

**2. As for the contents throughout Day 1**

easy **1**

adequate **7**

difficult

**3. Please evaluate length of time allocated each item.**

Speech

too long **2**

enough **6**

too short

Presentation

too long

enough **7**

too short **1**

Panel Discussion-1

too long

enough **6**

too short **2**

Question and Answer

too long

enough **6**

too short **2**

**4. Please write any questions and/or comments at this meeting (Day 1), if you have.**

Interesting to see demand of information about WP29 and IWVTA by Asian countries.(UK VCA)  
Very good panel discussion! Will prepared with variety of Presentations linked each other also  
active exchange of opinions/visions. Well done!(Japan)

As my first time in this meeting, I think this event very important for Laos to follow up a  
situation of vehicle type approval and I hope that the JASIC will give me a chance to joint the  
next meeting.(Laos)

--- Day 2 ---

1. As for the contents throughout Day 2

easy **1**                       enough **6**                       difficult

2. Please evaluate length of time allocated each item.

|                     |                                   |  |   |
|---------------------|-----------------------------------|--|---|
| Reports             | <input type="checkbox"/> too long | <input type="checkbox"/> enough <b>8</b> | <input type="checkbox"/> too short          |
| Presentation        | <input type="checkbox"/> too long | <input type="checkbox"/> enough <b>7</b> | <input type="checkbox"/> too short <b>1</b> |
| Panel Discussion-2  | <input type="checkbox"/> too long | <input type="checkbox"/> enough <b>6</b> | <input type="checkbox"/> too short <b>2</b> |
| Question and Answer | <input type="checkbox"/> too long | <input type="checkbox"/> enough <b>5</b> | <input type="checkbox"/> too short <b>3</b> |

3. Please provide any comments and/or questions at this meeting (Day 2), if you have.

Useful to know ASEAN countries type approval system and movement of MRA.(UK VCA)

It would be better if panels were more enhanced with discussion. Presentations were well prepared.(Japan)

The report and panel discussion is very important for me to catch up an updated subject which done in previous meeting. Please keep go on!(Laos)

---As for the P/P Joint Forum in the future ---

1. Please provide any additional comments on activity of P/P Joint Forum in the future, if you have.

Need a clear objective of the meeting.(Thailand)

Would there be next generation of P/P Forum after 2015? Conclusions was clear..(Japan)

Only one request that if a presentation section can extend a little, it will be good.(Laos)

2. How to receive" Forum document /file."?"

Which would you prefer?

Paper(present style) **2**                       Download form JASIC' Website. **4**

3. Would you like to participate in the next P/P Joint Forum?

Yes **7**                       No **1**

4. For ones who answer No;

What is the reason why you do not want to participate?

It is too cold in January. (Thailand)

5. Other

Please write comments and/or questions concerning this meeting.

Thank you LTO, DOTC & JASIC, it's helpful for us to get more understanding about 1958 Agreement.(Indonesia)

Great opportunity to see authorities and industries in Asian region at the some time.(UK VCA)

In order to enhance and make sure to build up Vehicle Type Approval System, on behalf of technical assistance for VTA in Lao PDR.(Laos)

Thank you very much for your cooperation.

**Next time  
we will see you again  
in Thailand.**

