Process of developing measures related to vehicle safety and environmental protection

Automotive Engineering Bureau

Department of Land Transport, Thailand

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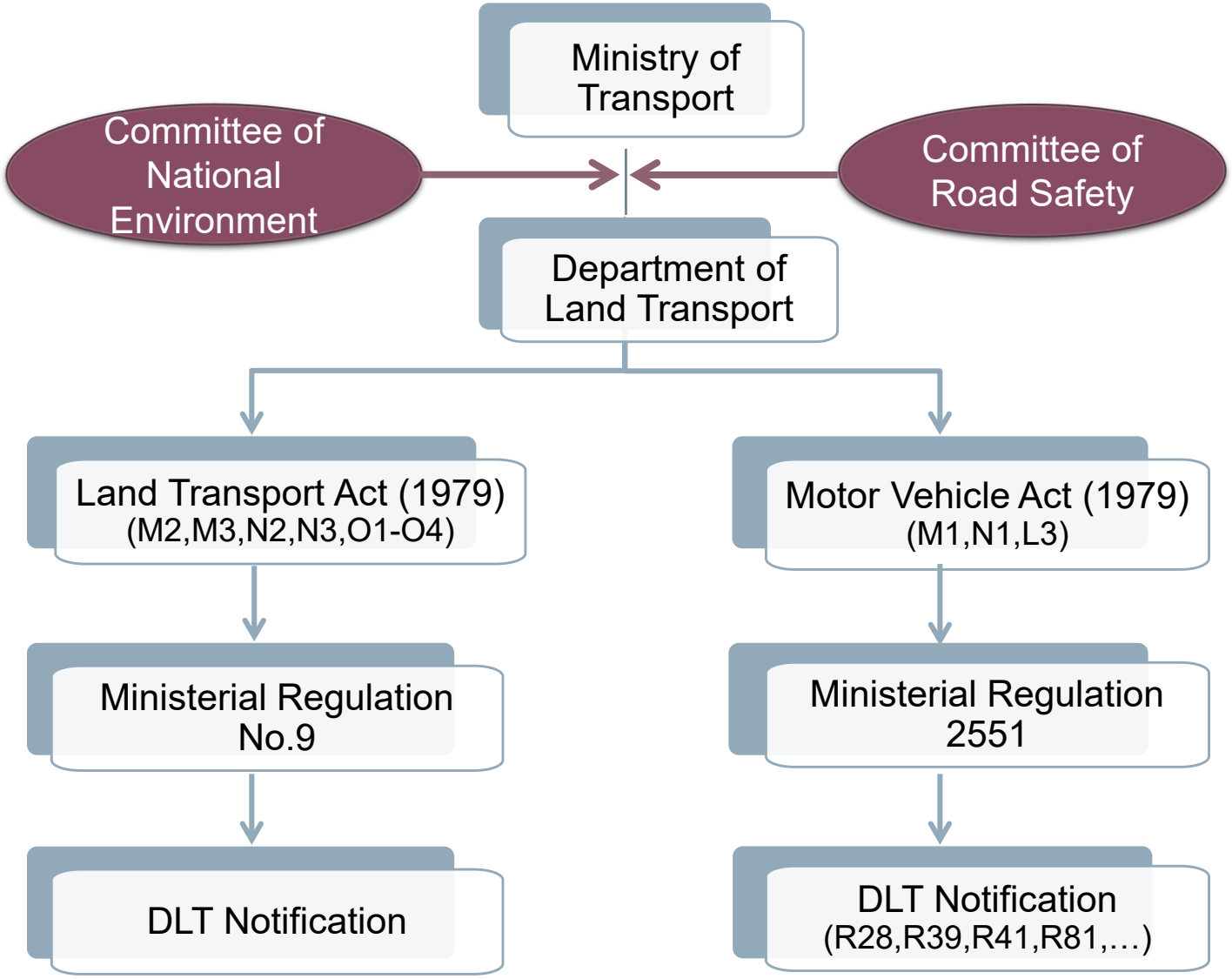
1. Policy & Related Acts



2. Motor Vehicle Act (1979) – MVA

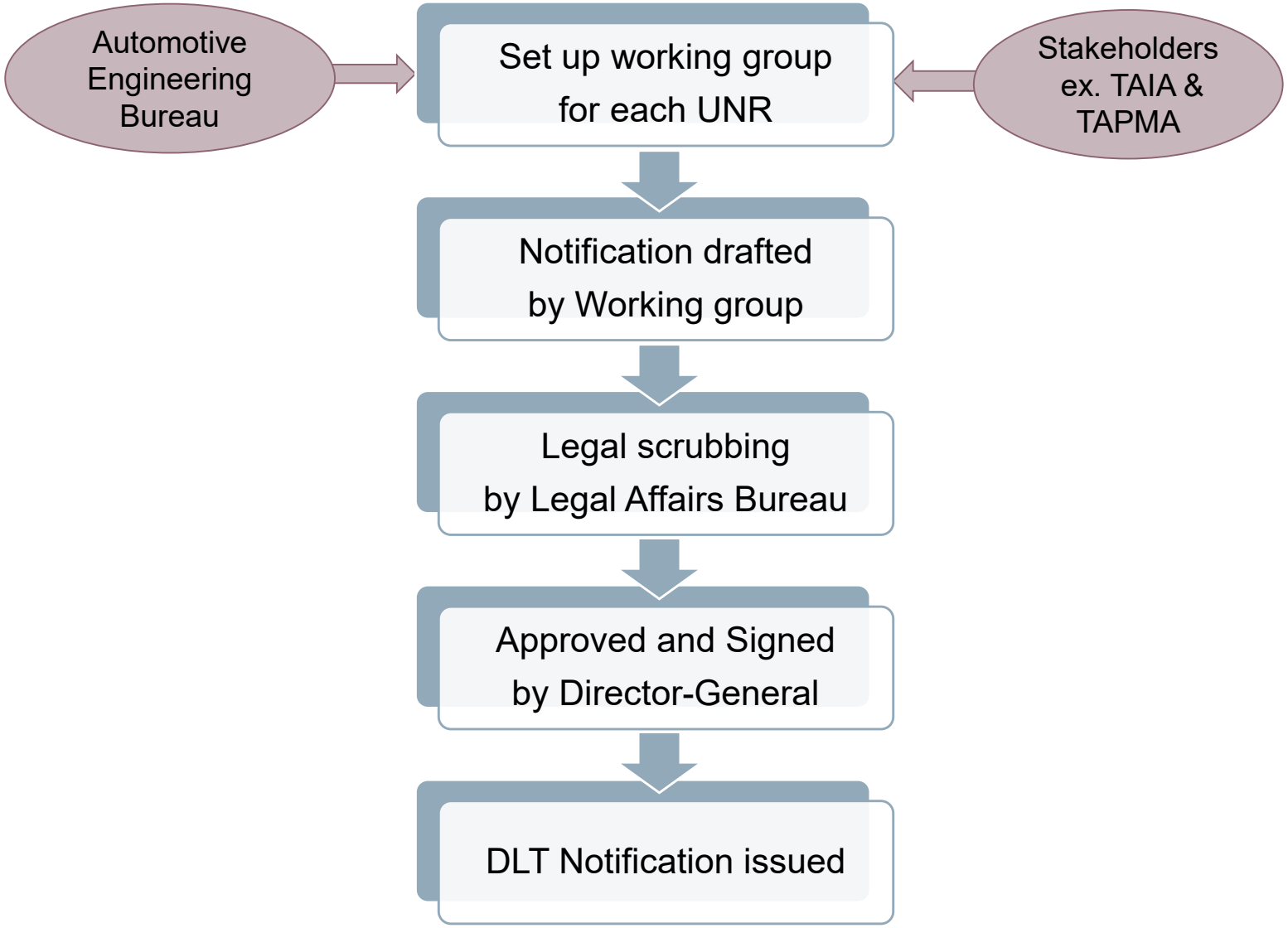
National Regulations under MVA

- Amend/draft national technical regulations by adopting UN Regulation was the first priority
- Ministerial Regulation concerning vehicle parts/system (MR22) to be amended in 2005 to allow UN Regulations promulgation
  - MR2551 enforced in 2008
- Plan to amend/draft national technical regulations, joint discussion with TAIA and TAPMA, focused:
  - L3, M1, N1
  - Set UN Regulations for those vehicle classes for registration specified in MR2551

3. Land Transport Act (1979) – LTA

- Ministerial Regulation No. 9 set vehicle parts/system, mass, dimension for bus and truck
- MR9 was revised three times within past 8 years to add more vehicle parts and performance for ensuring vehicle safety
- Notifications issued to align with relevant UNRs with some adaptation

4. Notification issuing process



5. Signed/Enforced Notifications

National Regulations under MVA

Regulation		← 2015	2015	2016	2017	2018	2019	2020	2021	2022
R41.03	Noise	**L3** (2014)								
R39.00	Speedometer		L3	M1N1	**L3**	**M1N1**				
R81.00	Rear-view mirror			L3		**L3**				
R28.00	Audible warning device					L3	M1N1	**L3**	**M1N1**	
R43.00	Safety glass					M1N1		**M1N1**		
R3.02	Reflector						**Part, L3**	**Part, M1N1**		
R51.02	Noise						M1N1		**M1N1**	
R14.07	Safety-belt anchorages							M1N1		**M1N1**
R16.06	Safety belt							M1N1		**M1N1**
R17/R25.08	Strength of seats, anchorages and head restraints							M1N1		**M1N1**

Grey color = New model / Black color = All models

5. Signed/Enforced Notifications

National Regulations under LTA

Regulation		← 2017	2018	2019	2020	2021
R107 Annex 3	Bus stability (to pass tilt test 30 degree)	O (2013)				
R3 / R104	Retro Reflective marking for large vehicle		O			
R55	Coupling device			O		
R17 / R80 / R14	Strength of seat Safety-belt anchorage				O	
R118	Burning behavior of materials used in the interior construction of bus				O	
R66	Strength of superstructure for bus					O

THANK YOU

by Automotive Engineering Bureau