



CAMBODIA Country Report

General Department of Land Transport,
Ministry of Public Works and Transport

Public Private Forum

28-30 November 2023

Ha Long, Viet Nam



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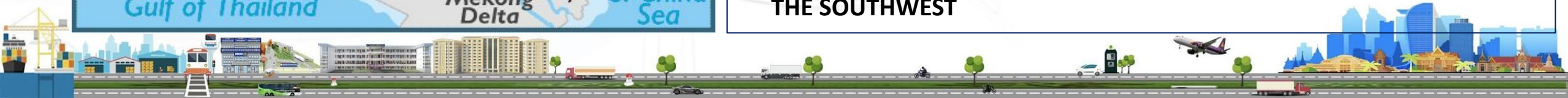


I. Cambodia at a Glance



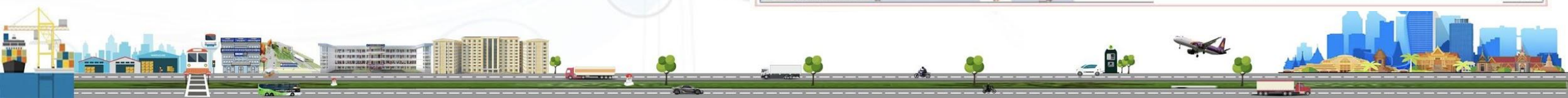
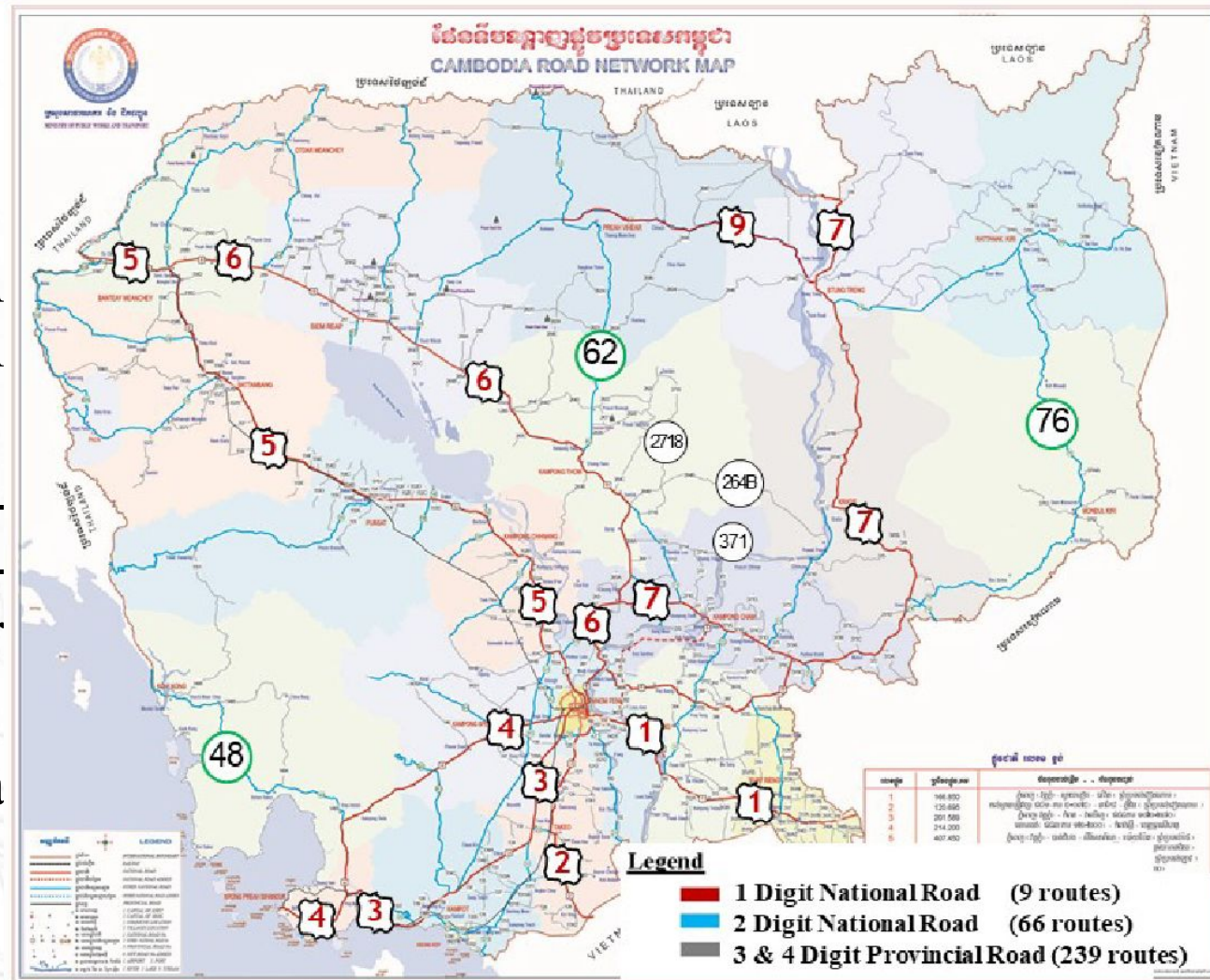
Cambodia	
Area	181,035km ²
Population	15,288,489 (2019 census)
Men	7,418,577
Women	7,869,912
Capital City: Phnom Penh	
Area	678.47km ²
Population	2,129,371 people (2019)
Density	3,138 people/km ²

☐ LOCATED IN THE SOUTHEAST ASIA
☐ BORDERED BY THAILAND TO THE NORTHWEST, LAOS TO THE NORTHEAST, VIETNAM TO THE EAST AND THE GULF OF THAILAND TO THE SOUTHWEST



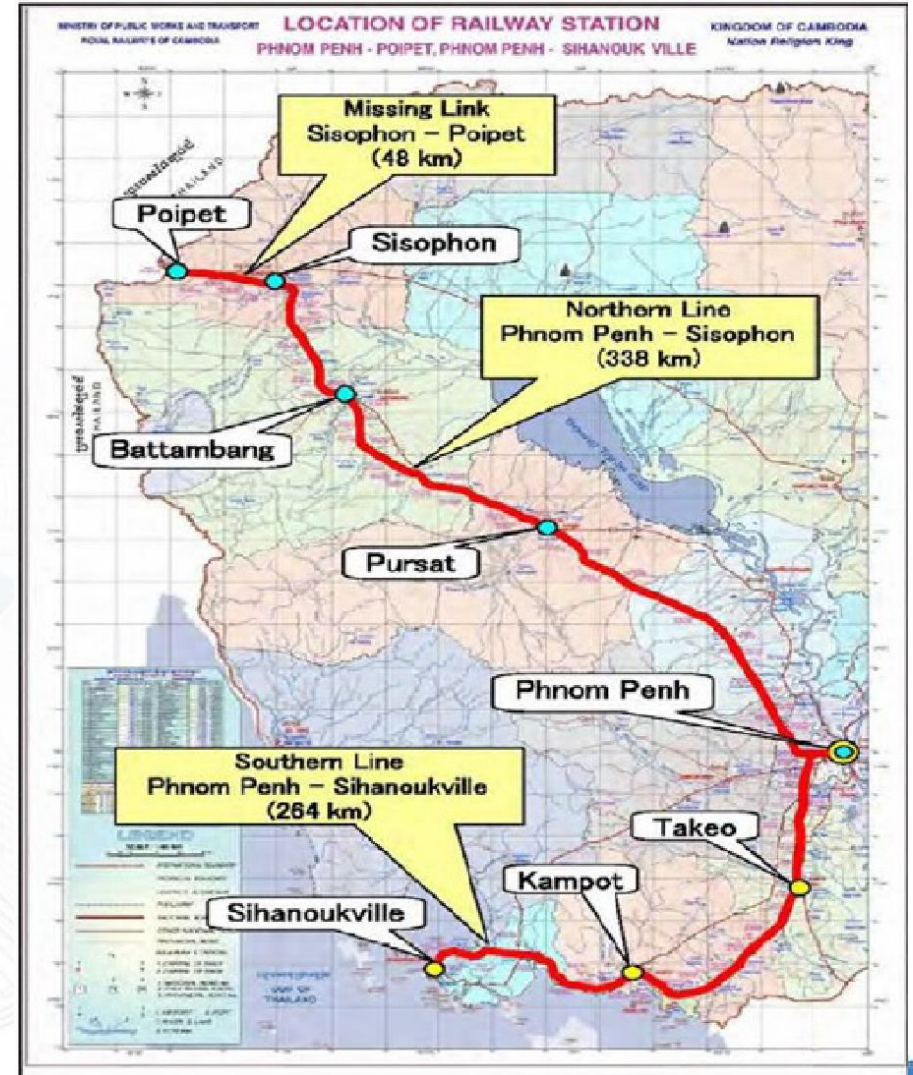
II. Overview of Cambodia Transportation

- Main Transport System: Road, Rail, Port and Airport
- Road Network: 61,534km (National Road, Provincial Road and Rural Road)
- Expressway: Phnom Penh - Sihanoukville 190km, Phnom Penh-Bavet Expressway 135km is under construction
- Port: 2 main ports (Sihanoukville Sea Port, Phnom Penh Port)



II. Overview of Cambodia Transportation

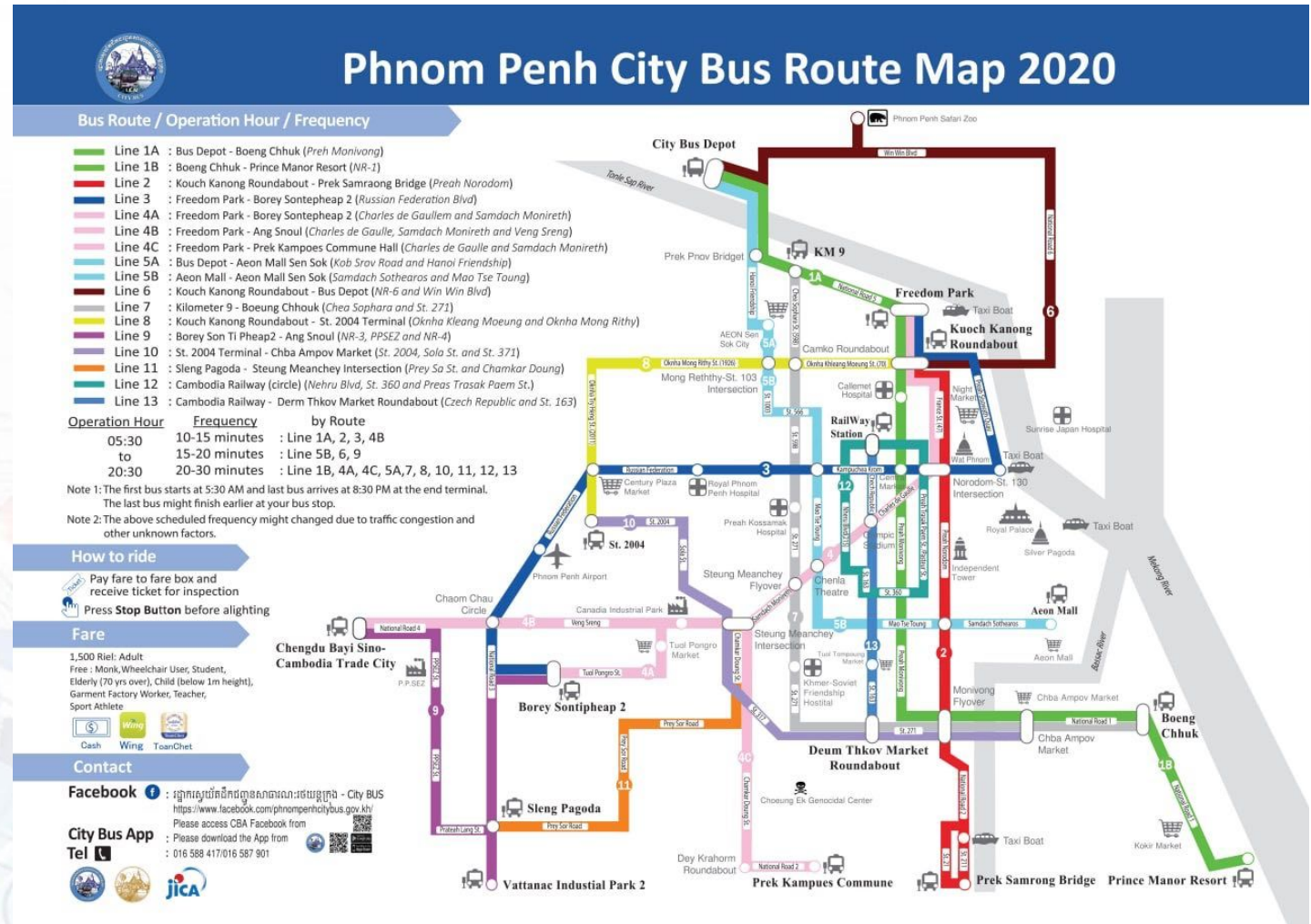
- Rail Network: 2 line in total 652km (Southern Line and Northern Line)
- Airports: 3 International Airports (Phnom Penh International Airport, Siem Reap International Airport, Sihanoukville International Airport)
- Road Vehicles registered: 7 millions (1 millions cars and 6 millions motorcycles)



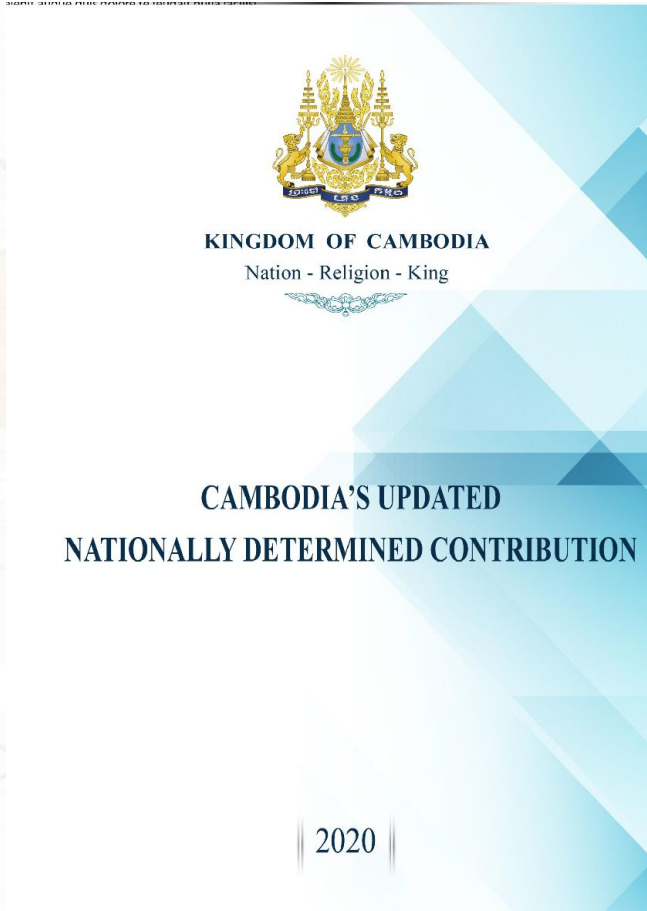
II. Overview of Cambodia Transportation

Public Transport:

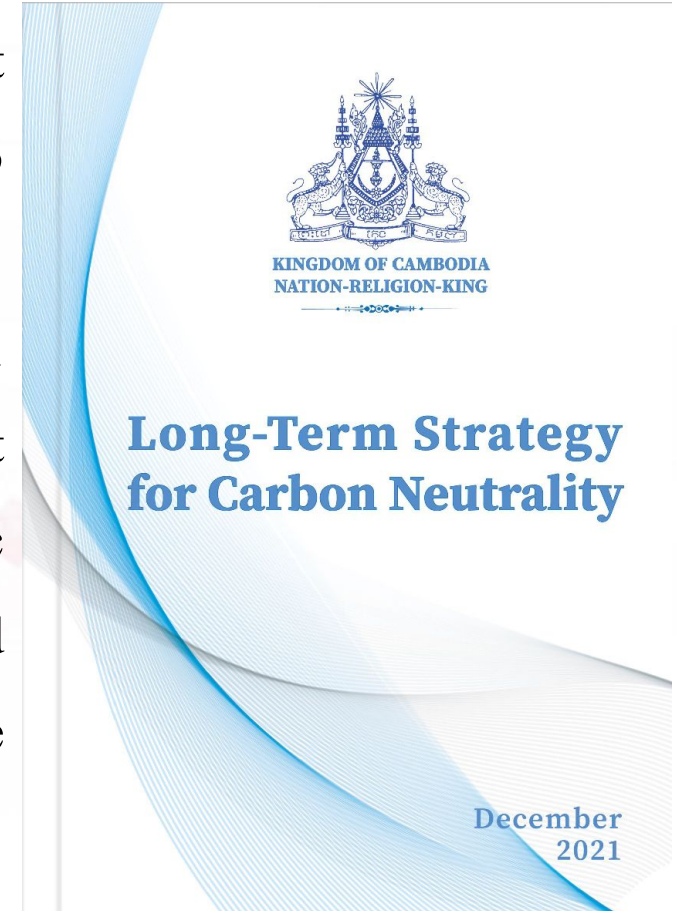
- PP Bus Authority (300+ buses and 13 lines)
- City Bus Mobile App allows passenger to see the bus route as well as real time location of the bus.



III. Cambodia Carbon Neutrality Strategy



- Updated NDC is the key document that set the target for Cambodia to reduce 41.7% of CO₂ by 2030.
- Long-Term Strategy for Carbon Neutrality is the guiding document that aim to introduce 70% of electric motorcycles, 40% of electric cars and urban buses in Cambodia vehicle fleet by 2050.



III. Cambodia Carbon Neutrality Strategy

Car Import Duties

ICE Car	EV Car
Custom Duties: 35%	Custom Duties: 35%
Special Duties: 50%	Special Duties: 10%
VAT: 10%	VAT: 10%
Total: 122.79%	Total: 63.38%

- The introduction of the sub-decree 18 was enacted on 09 Feb 2021: aimed to reduce the Special Duty on EVs from 30% to 10%.
- Revision of Road Traffic Law which enable EV to be legally registered.



III. Cambodia Carbon Neutrality Strategy

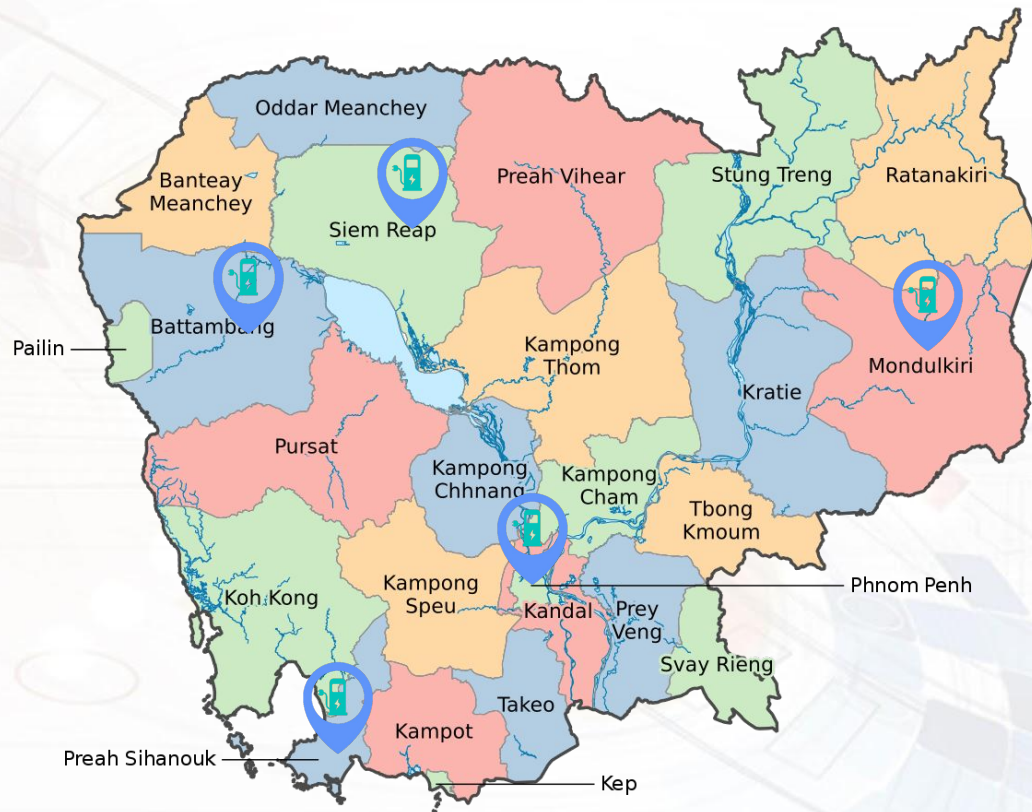
Truck Import Duties

ICE Truck	EV Truck
Custom Duties: 15%	Custom Duties: 15%
Special Duties: 30%	Special Duties: 10%
VAT: 10%	VAT: 10%
Total: 64.45%	Total: 39.15%

□ The introduction of the sub-decree 122 was enacted on 06 June 2023: aimed to reduce the Special Duty on PHEV, Truck and EV Truck.



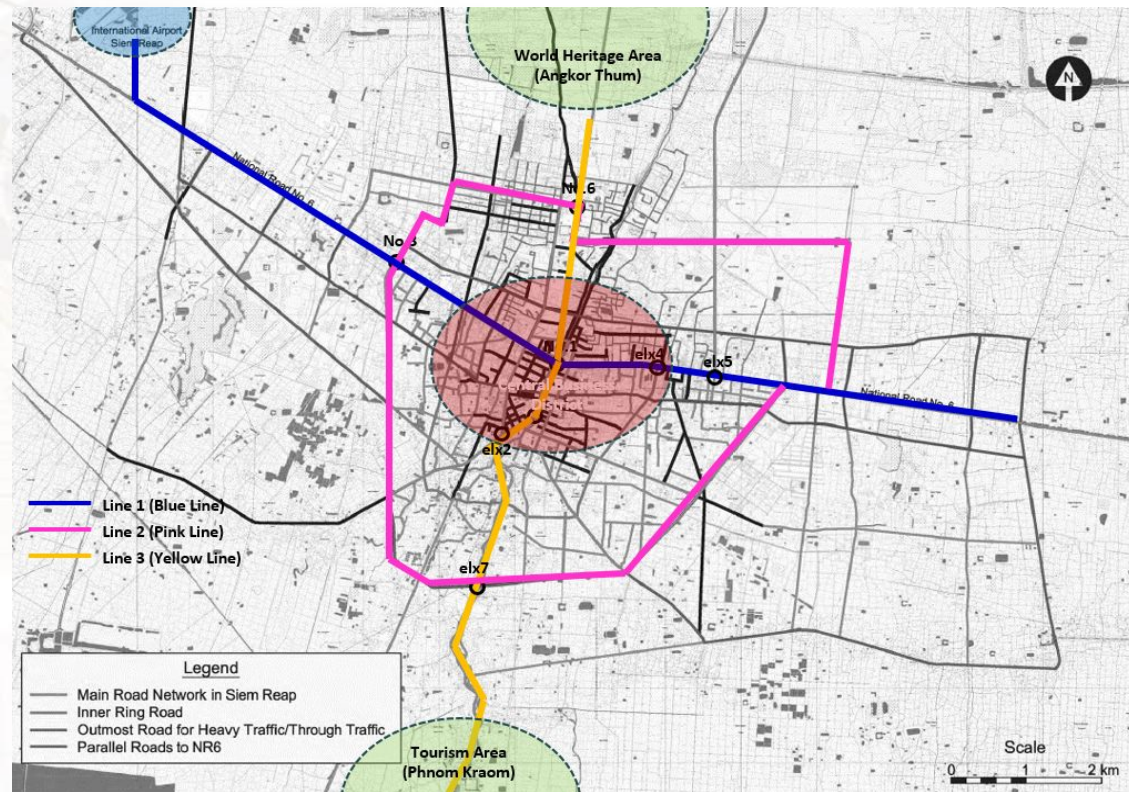
III. Cambodia Carbon Neutrality Strategy



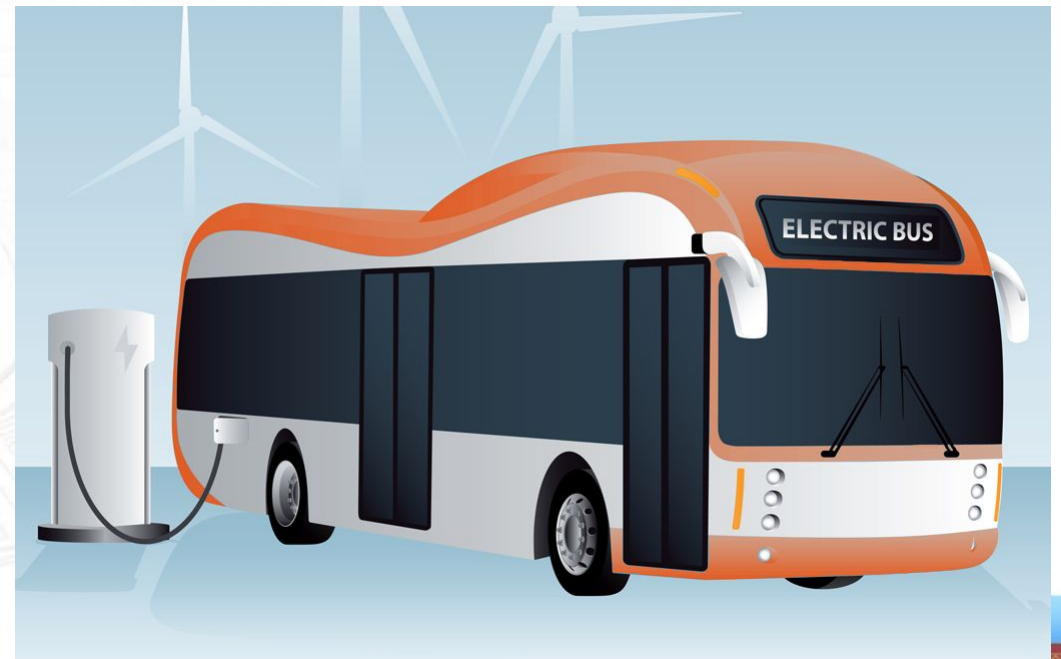
- To create more public EV charging station at strategic location all over Cambodia.
- To encourage private sector to invest in EV charging infrastructure.
- Adopted UNR100 and UNR136 as the national standard



III. Cambodia Carbon Neutrality Strategy



- E-Bus for Siem Reap Province Project
- In the feasibility study stage
- Aims to introduce 3 bus lines in Siem Reap
- CDIA support the feasibility study of this project



IV. Cambodia Road Safety Action Plan



NUMBER OF VEHICLE REGISTRATION

Total: 5,850,427

Motorcycle : 4,974,486

Light vehicle : 615,133

Heavy Vehicle : 260,808

85%



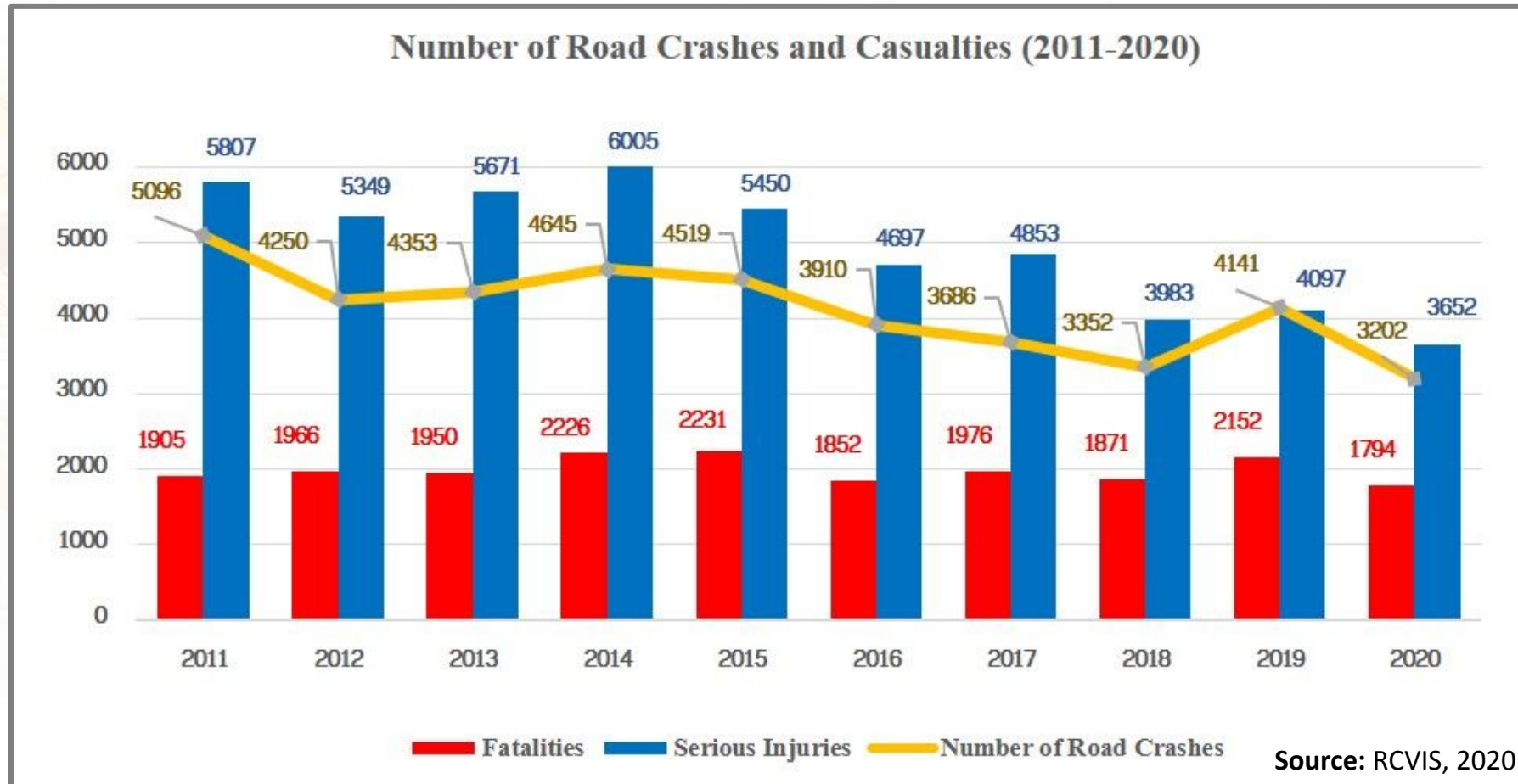
Over **2 million** motorcycles registered in Phnom Penh city.

Source: Land Transport Department, 1990-2022.



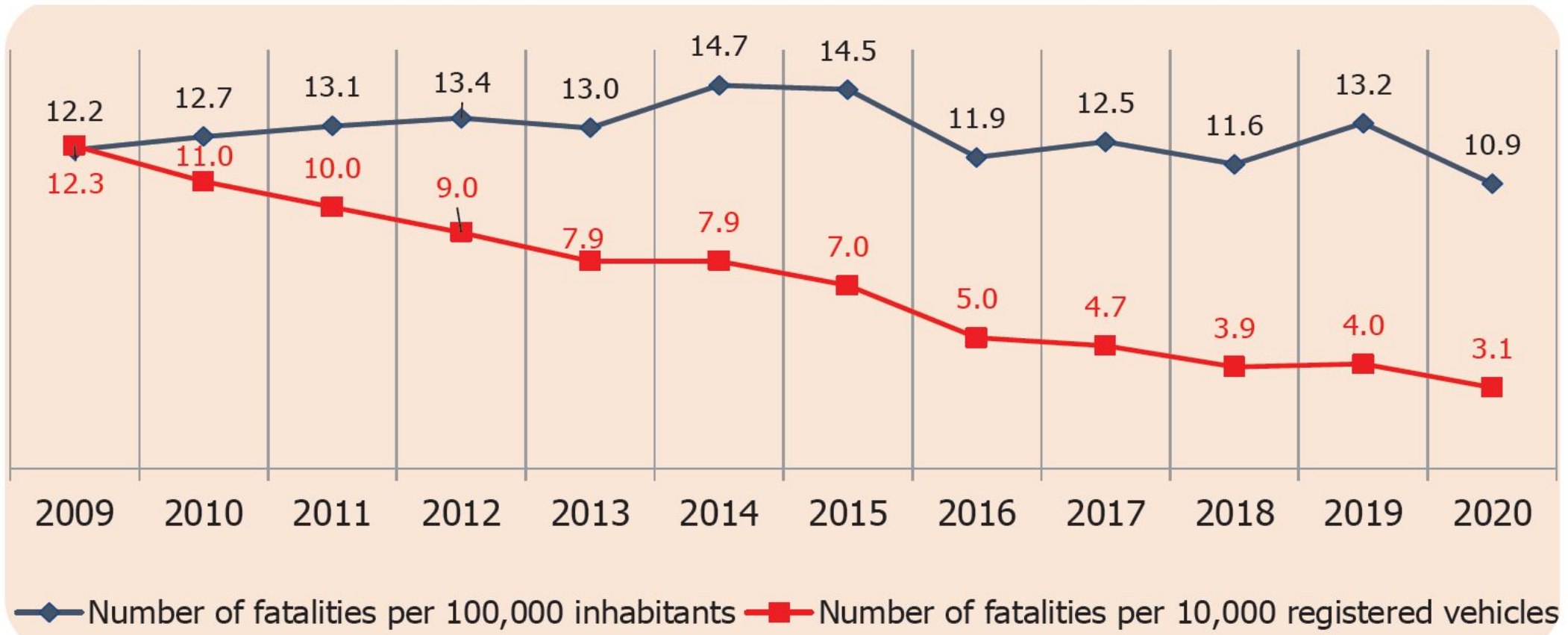
IV. Cambodia Road Safety Action Plan

- Road crashes data in first decade (2011-2020)



IV. Cambodia Road Safety Action Plan

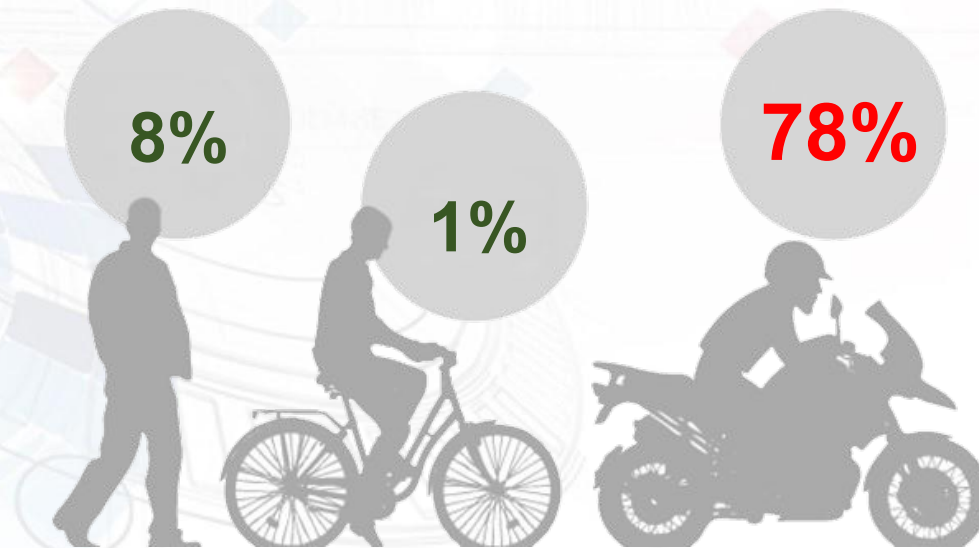
- Fatality rates compared to population and registered vehicles



Source: RCVIS, 2020.

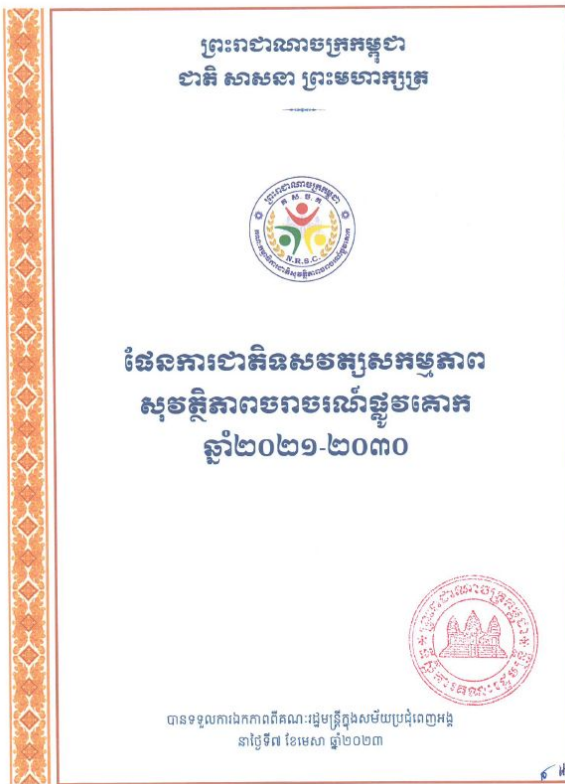
IV. Cambodia Road Safety Action Plan

- The road crash cost around 379 million US dollars in 2020;
- Speeding was the leading cause of fatalities (43%), followed by dangerous overtaking (12%), and not respect right of way (12%);
- The result of regression analysis shows that the strengthening of first aid at scene; helmets/seat belts or ambulance are found to decrease the probability of being involved in a fatal accident.



Source: RCVIS, 2020.

IV. Cambodia Road Safety Action Plan



National Plan for the Decade of Action for Road Safety



reduce road traffic deaths & injuries
BY AT LEAST **50%**




- High risk Provinces;
- High risk factors of road crash.




IV. Cambodia Road Safety Action Plan

ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ



ផែនការជាតិឧសវត្សសុវត្ថិភាព
សុវត្ថិភាពចរាចរណ៍ដីគោក
ឆ្នាំ២០២១-២០៣០



បានទទួលការអនុញ្ញាតពីគណៈរដ្ឋមន្ត្រីក្នុងសម័យប្រជុំពេញអង្គ
នៅថ្ងៃទី៧ ខែមេសា ឆ្នាំ២០២៣

- Pillar 1** Strengthening Road Safety Management and Leadership Mechanism
- Pillar 2** Strengthening Law Enforcement and Related Regulations
- Pillar 3** Strengthening Road Safety Education and Awareness
- Pillar 4** Strengthening Safety Road Infrastructure
- Pillar 5** Strengthening Effectiveness of First Aid and Emergency Medical Services
- Pillar 6** Strengthening Safe Vehicle



V. Cambodia Vehicle Regulation

- The adaption of 19 UNRs as national standard by Ministerial Decree no.266 MISTI dated 09 October 2020
- The adaption of standards for electric vehicle:
 - ✓ UNR100 for passenger vehicle/ commercial vehicle safety
 - ✓ UNR136 for electric motorcycle
- The adaption of EV conductive charging safety standard:
 - ✓ IEC 62196-1:2022 (IDT/ED 2014), IEC 62196-2:2022 (IDT/ED 2016), IEC 62196-3:2022 (IDT/ED 2014), IEC 61851-1:2022 (IDT/ED 2017), IEC 61851-21-1:2022 (IDT/ED 2017), IEC 62893-1:2022 (IDT/ED 2020), IEC 62893-2:2022 (IDT/ED 2017), IEC 62752:2022 (IDT/ED 2016)
 - ✓ ISO 17409:2022 (IDT/ED 2020)
- Road Vehicle VIN and WMI standard:
 - ✓ ISO 3779:2022 (IDT/ED 2009), ISO 3780:2022 (IDT/ED 2009)



V. Cambodia Vehicle Regulation

- Government circular no.01 on the measure to prevent and reduce air pollution (January 2nd 2020)

Standard	Type of fuel	Permissible pollutants	Date of implementation
Euro 4	Gasoline	CO ≤1.0g/km HC ≤0.1g/km NOx ≤0.08g/km	From 01 January 2022
Euro 4	Diesel	CO ≤0.5g/km HC+NOx ≤0.3g/km NOx ≤0.25g/km PM ≤ 0.025g/km	From 01 January 2022
Euro 5	Gasoline	CO ≤1.0g/km HC ≤0.1g/km NOx ≤0.06g/km PM ≤ 0.005g/km	From 01 January 2027
Euro 5	Diesel	CO ≤0.5g/km HC+NOx ≤0.23g/km NOx ≤0.18g/km PM ≤ 0.005g/km	From 01 January 2027

ឧបសម្ព័ន្ធទី២នៃសវនាមរណ៍ ០១/២០២០ ចុះថ្ងៃទី ២១ ខែ មករា ឆ្នាំ ២០២០
ស្តីពីការបញ្ជាក់ប្រភេទបរិស្ថានស្របច្បាប់សម្រាប់យានយន្ត

ប្រភេទស្ថិតិ	ប្រភេទឥន្ធនៈ	កម្រិតសារធាតុបំពុលខ្យល់អនុញ្ញាតឱ្យបញ្ចេញពីរថយន្ត	កាលបរិច្ឆេទអនុវត្ត
ប្រភេទ ៤ (EURO IV)	សាំង	- CO ≤ ១,០ ក្រាមក្នុងមួយម៉ែត្រ (≤ 1.0 g/km) - HC ≤ ០,១ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.1 g/km) - NOx ≤ ០,០៨ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.08 g/km)	ចាប់ពីថ្ងៃទី១ ខែមករា ឆ្នាំ២០២២
	ម៉ាស៊ូត	- CO ≤ ០,៥ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.5 g/km) - HC + NOx ≤ ០,៣ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.3 g/km) - NOx ≤ ០,២៥ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.25 g/km) - PM ≤ ០,០២៥ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.025 g/km)	
ប្រភេទ ៥ (EURO V)	សាំង	- CO ≤ ១,០ ក្រាមក្នុងមួយម៉ែត្រ (≤ 1.0 g/km) - HC ≤ ០,១ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.1 g/km) - NOx ≤ ០,០៦ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.06 g/km) - PM ≤ ០,០០៥ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.005 g/km)	ចាប់ពីថ្ងៃទី១ ខែមករា ឆ្នាំ២០២៧
	ម៉ាស៊ូត	- CO ≤ ០,៥ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.5 g/km) - HC + NOx ≤ ០,២៣ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.23 g/km) - NOx ≤ ០,១៨ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.18 g/km) - PM ≤ ០,០០៥ ក្រាមក្នុងមួយម៉ែត្រ (≤ 0.005 g/km)	

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VI. Accession to the 1958 Agreement

- The translation of the text of the agreement was completed
- The government has agreed in principle for the accession of this agreement
- The translated text was submitted to ECOSOC of Cambodia for review and inputs
- The next step:
 - Conduct another round of review by relevant ministries/authorities
 - Submission of the agreement to the Council of the Ministers, Parliament and His Majesty the King's approval before sending the instrument of ratification to the UN
 - The process of ratification is expected to be completed by 2025.



សូមអរគុណ!

THANK YOU!