



Cambodia Vehicle Safety and Environmental Protection



Ministry of Public Works and Transport
General Department of Land Transport



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1.About Cambodia



Cambodia	
Area	181,035km ²
Population	15,552,211 (2019)
Phnom Penh	
Area	678.47km ²
Density	2,213 people/km ²



2. Introduction to Vehicle registration system

- The automated vehicle registration system has been put in use since 2016
- You can register your vehicle through the Ministry's automated online registration system at <https://vehicle.mpwt.gov.kh>.
- Service user can select his or her preferred license number and fill the registration information online.
- Motorcycles and tricycles registration can be done:
 - ✓ at Motor Dealer
 - ✓ at Provincial Department of Public Works and Transport
 - ✓ at the One Window Service Offices located at every District in Phnom Penh and in all provinces.
- Pay registration fee through Bank, MFI and other partners.



Vehicle registered as of June 2021

Motorcycle	Light vehicle	Heavy vehicle & Prime mover	Semi-trailer & Trailer	Motorized Equipment	Total registered vehicle
<u>5,163,016</u>	<u>636,619</u>	<u>191,877</u>	<u>57,182</u>	<u>17,547</u>	<u>6,066,240</u>



3- Challenges

- Traffic fatality is still relatively high especially for Motorcycle user
- Majority of traffic accident caused by human error rather than vehicle technical error or road infrastructure
- Air quality in urban area is relatively low due to high density of motor-vehicles (eps Phnom Penh Area)
- Don't have a clear fuel standard





4- NATIONAL STRATEGIES AND MEASURES

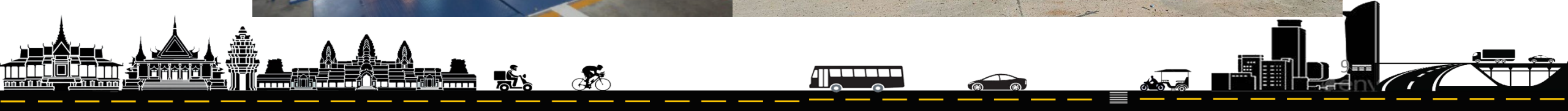
The National Road Safety Action Plan 2021-2030 has 6 pillars as follow:

Pillar 1	RS MANAGEMENT
Pillar 2	INFRASTRUCTURE
Pillar 3	SAFE VEHICLES
Pillar 4	ROAD USER BEHAVIOR
Pillar 5	EMERGENCY MEDICAL SYSTEM
Pillar 6	LAW AMENDMENT AND ENFORCEMENT



Pillar 3 SAFE VEHICLES

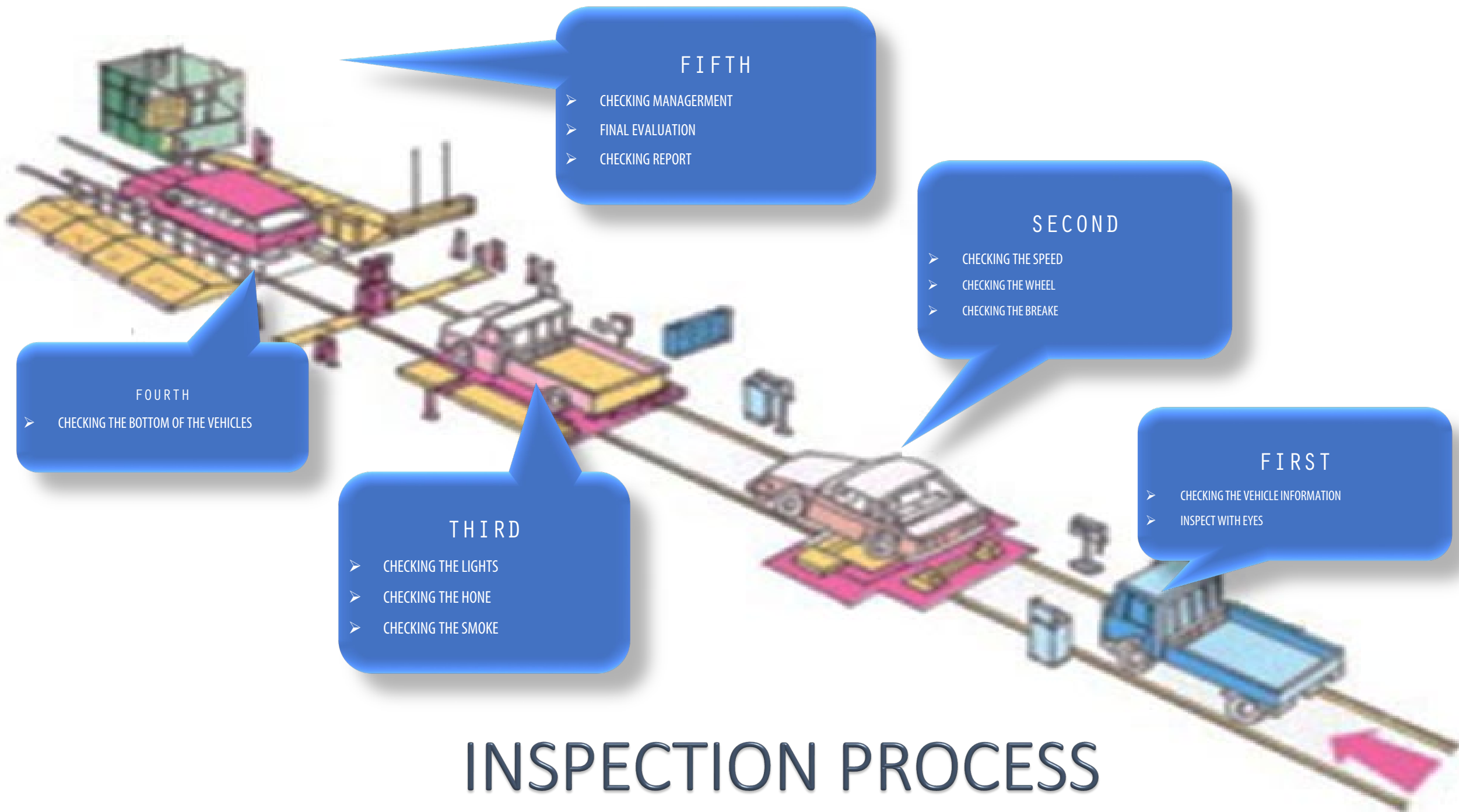
- Continue to setup more vehicle inspection centers and strengthen the inspection service;
- Cooperate with local automobile enterprises to improve vehicle safety;
- Manage the garages (Processing, assembly and repair vehicles);
- Manage vehicle dealers.



4.1- Safe Vehicle

- **Periodical technical inspection on vehicles (Cars, Light duty vehicles, trucks and trailers)**: the objective of technical inspection is to guarantee that vehicles operating on public road must be road worthy (vehicle safety) , follow strict technical standard, to prolong the longevity of road infrastructure and protect the environment (reduce the emission).





INSPECTION PROCESS



Negative Camber



Positive Camber



Toe In



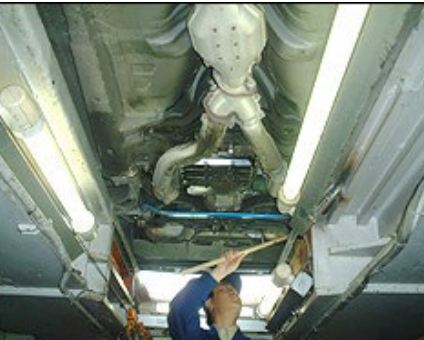
Toe Out



Negative Caster



Positive Caster



4.2- Adoption of Clean Vehicle

- Cambodia has been a member of UNFCCC (United Nations Framework Convention on Climate Change) since 6 February 2017 and each member needs to formulate its own NDC. Through the membership, Cambodia plans to reduce 27% of CO₂ by 2030.
- MPWT is responsible for the mitigation actions and adaptation actions. The introduction of E-mobility is also a key priority action in NDC, which contributes to SDGs 4: Goal 3 (Good health and well-being), 5 (Gender Equality), 8 (Decent Work and Economic Growth) and 9 (Industry Innovation and Infrastructure).
- The sub-decree 18 was enacted on 09 Feb 2021: it is aimed to reduce the Special Duty on EVs from 30% to 10%.
- At present, there is one charging station for electric vehicle located at Aeon Mall 2.
- According to GIZ (2014), total CO₂ emissions from transport sector in Phnom Penh in 2014 was 2,000 kt/year in which the highest emissions were cars (59%), followed by motorcycles (20%), while other vehicles accounted for 21%.
- Two EV standards have been adopted as the national standard namely UNR100 and UNR136





➤ Long-Term Strategy for Carbon Neutrality for Cambodia:

- More use of public transport – 30% modal share in urban areas by 2050
- Moderate penetration of electric vehicles – 70% for motorcycles, 40% for cars and urban buses by 2050
- Increased fuel efficiency for ICE vehicles
- Rail for freight and passengers
- CNG penetration 80% for inter-regional buses and 80% for trucks until 2050





5. Conclusion

- Royal Government of Cambodia adhere to the commitment on the climate change and to pursue a cleaner transport sector
- Traffic safety is still the main priority
- RGC is working together with DPs and International Organization on policy and way to reduce carbon emission while maintain safety of the road user



Thank you

