



Ministry of Public Works and Transport
General Department of Land Transport

Cambodia EV Roadmap

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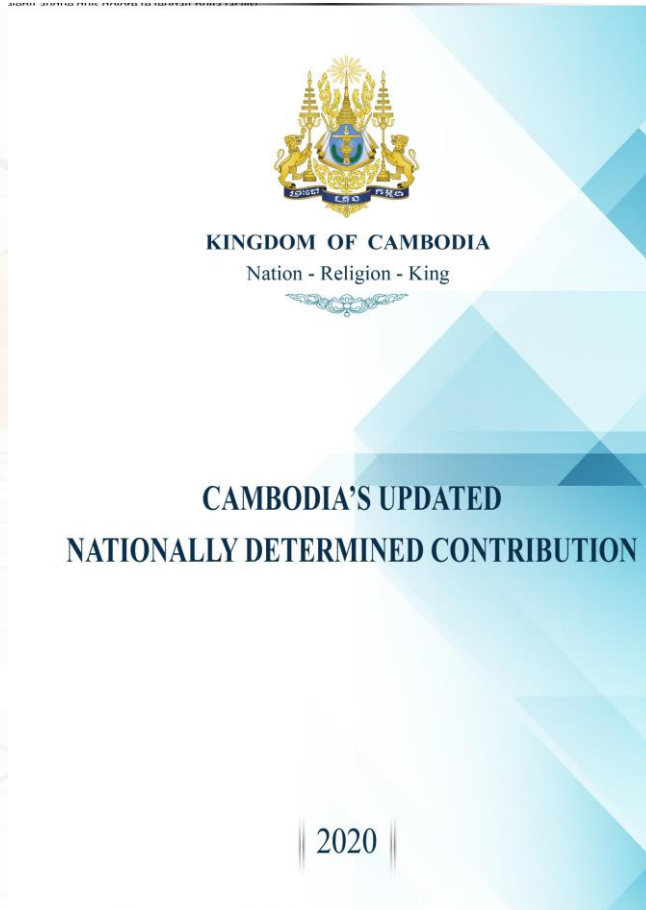
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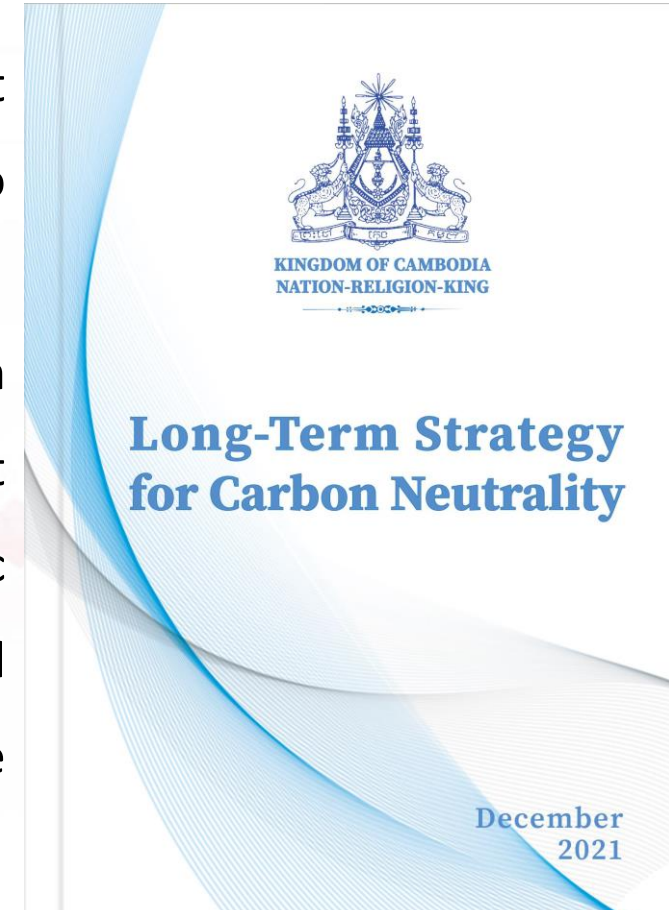
- I. Cambodia commitment for EV**
- II. Government intervention to boost EV adoption**
- III. Plans for EV**
- IV. EV: Opportunities and Challenges in Cambodia**
- V. Conclusion**



I. Cambodia commitment for EV



- 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.



II. Government intervention to boost EV adoption

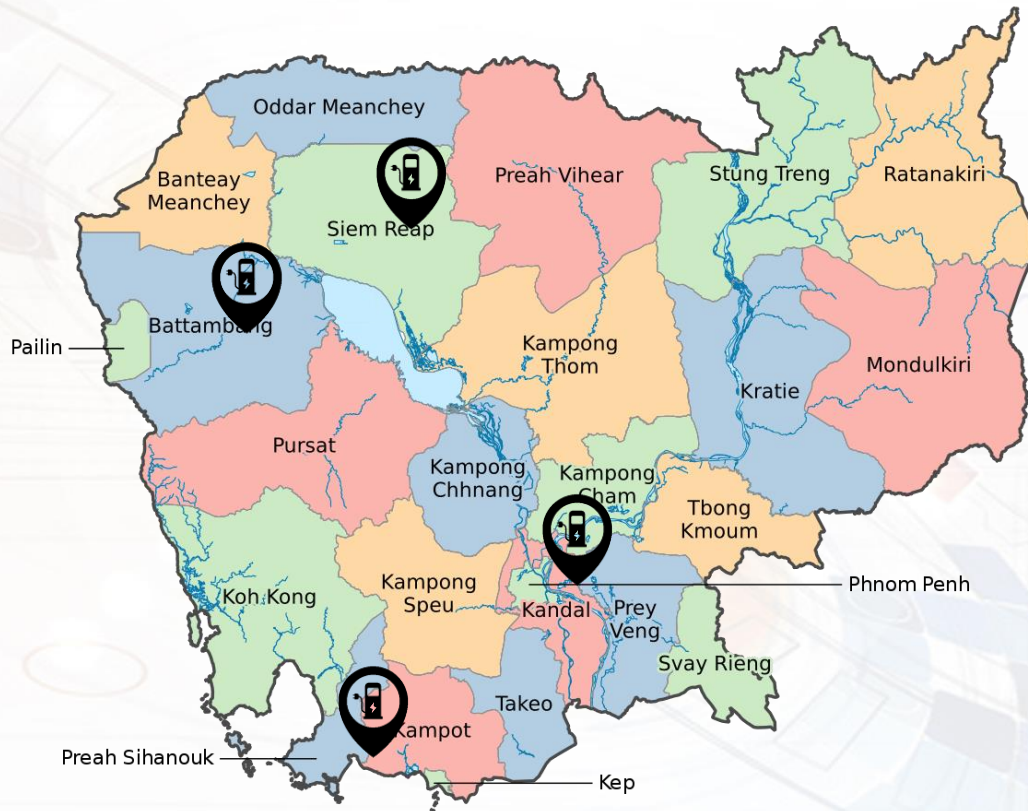
Car Import Duties

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.



II. Government intervention to boost EV adoption



- 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. Plans for EV

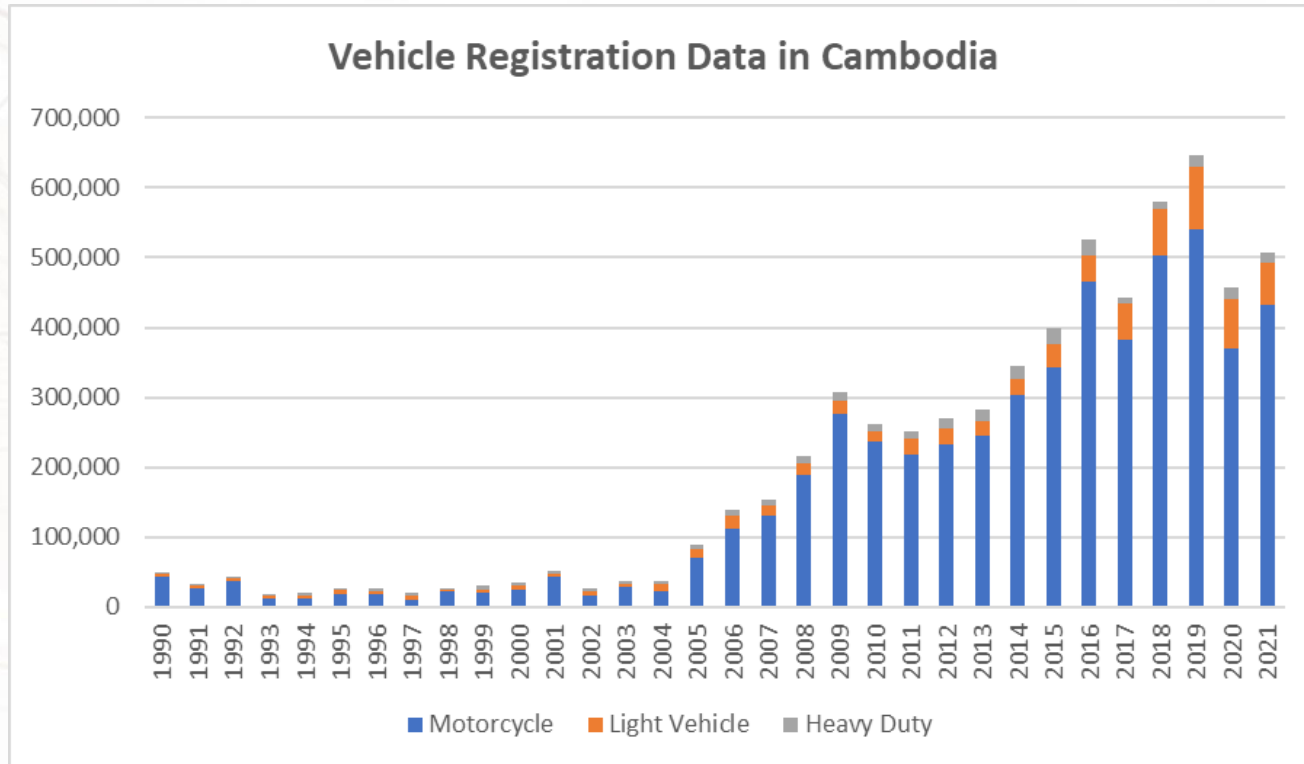


- Drafting the National Transport Policy which also emphasized the importance of EV and mechanism to boost EV adoption and EV manufacturing.
- Currently Drafting the Cambodia Automotive Roadmap
- Currently Drafting the EV Roadmap and EV charging Infrastructure Roadmap.
- To adopt more EV and EV battery safety standards



IV. EV: Opportunities and Challenges in Cambodia

A. Opportunities



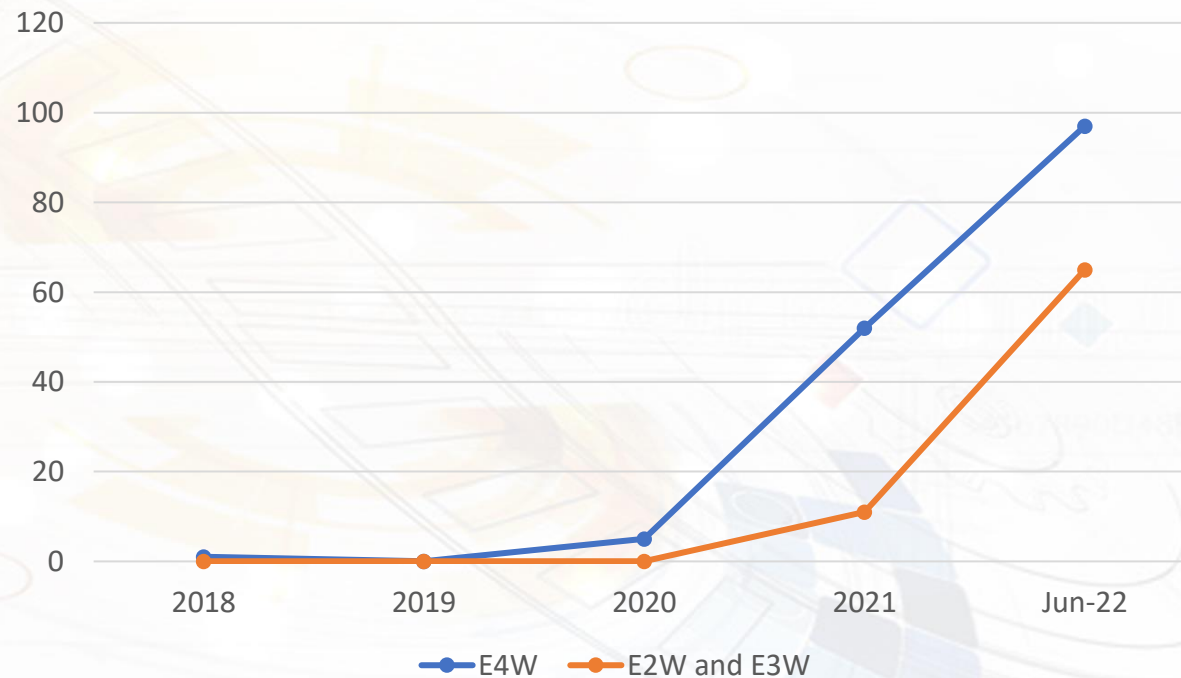
- Young Population
- Highly Motorized Society
- High Economic Growth
- High Fossil Fuel Price
- Majority of electricity supply by renewable energy



IV. EV: Challenges and Opportunities in Cambodia

A. Opportunities

EV registration Data



- High interest among new vehicle owner
- Need of energy efficient vehicle
- Ease of use
- Lower operational cost
- Trendy











IV. EV: Challenges and Opportunities in Cambodia

B. Challenges

Used ICE Cost	New ICE Cost	New EV Cost
Approx. 6,500 USD	Approx. 16,000 USD	Approx. 29,000 USD

Gas Station	EV Fast Charging Station
Approx. 3000	7 Charging Stations

Current type and plug name	Region			
	Japon	China	America	Europe
AC				
Plug name	Type 1 - J1772	GB/T	Type 1 - J1772	Type 2
DC				
Plug name	CHAdeMO	GB/T	CCS - Type 1	CCS - Type 2



- High Vehicle Cost
- Driving Range
- Safety of the vehicle and the battery
- Reliability
- After Sale Service
- Longer Charging Time
- Availability of the Charging Infrastructure
- Charging Port Standardization



V. Conclusion

Thank You!

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