

2021 NDC progress report: Ministry of Public Works and Transport

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National Council for Sustainable Development



Ministry of Environment



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Progress report 2021

➤ Sectoral indicators:

- Infrastructure - Roads:
 - Length of climate proofed roads (672 km as baseline in 2020 and 356 km as of 2021)

➤ NDC actions:

- 3 actions under implementation:
 - **Action #29. Promote integrated public transport systems in main cities**
 - 235 buses (baseline): 100 buses (diesel) and 135 buses (LPG)
 - 400 buses by 2030 (target) : Result of 2021 still 235 buses
 - Number of line: 17 lines
 - Number of beneficiaries: Approx. 8 millions of passengers (2019), staffs (718), and driver (470)
 - **Action #30. Enhance maintenance and inspection of vehicle (Piloting maintenance and emission inspections of vehicles)**
 - 15 vehicle inspection centers (baseline)
 - 30 vehicle inspection centers by 2030 (target): Results of 2021, 23 centers, 8 new centers (located in Phnom Penh)
 - Locations: Phnom Penh, Banteay Meanchey, Siemreap, Preah Vihear, Ratanak Kiri, Battambang, Kampong Thom, Kratie, Kampong Cham, Kampong Chhnang, Kampong Speu, Svay Rieng
 - **Action #31. E-mobility**
 - 9 (Electric Vehicle (EV))
 - 72 in 2021 (Both E-motorbike and EV)



Progress report 2021 (Cont.)

➤ Financial Aspect:

- **Action #29. Promote integrated public transport systems in main cities**
 - Royal Government of Cambodia (RGC)
 - JICA
 - China

- **Action #30. Enhance maintenance and inspection of vehicle (Piloting maintenance and emission inspections of vehicles)**
 - Operating by the private sectors:
 - CMVIC
 - HK Car Inspection
 - Future Automobile Inspection (FAI)
 - Auto Check Expert (not yet operated)

- **Action #31. E-mobility**
(The number of e-mobility depends on the import and registration process)



Cross-cutting issues: 2021

➤ Technology transfer:

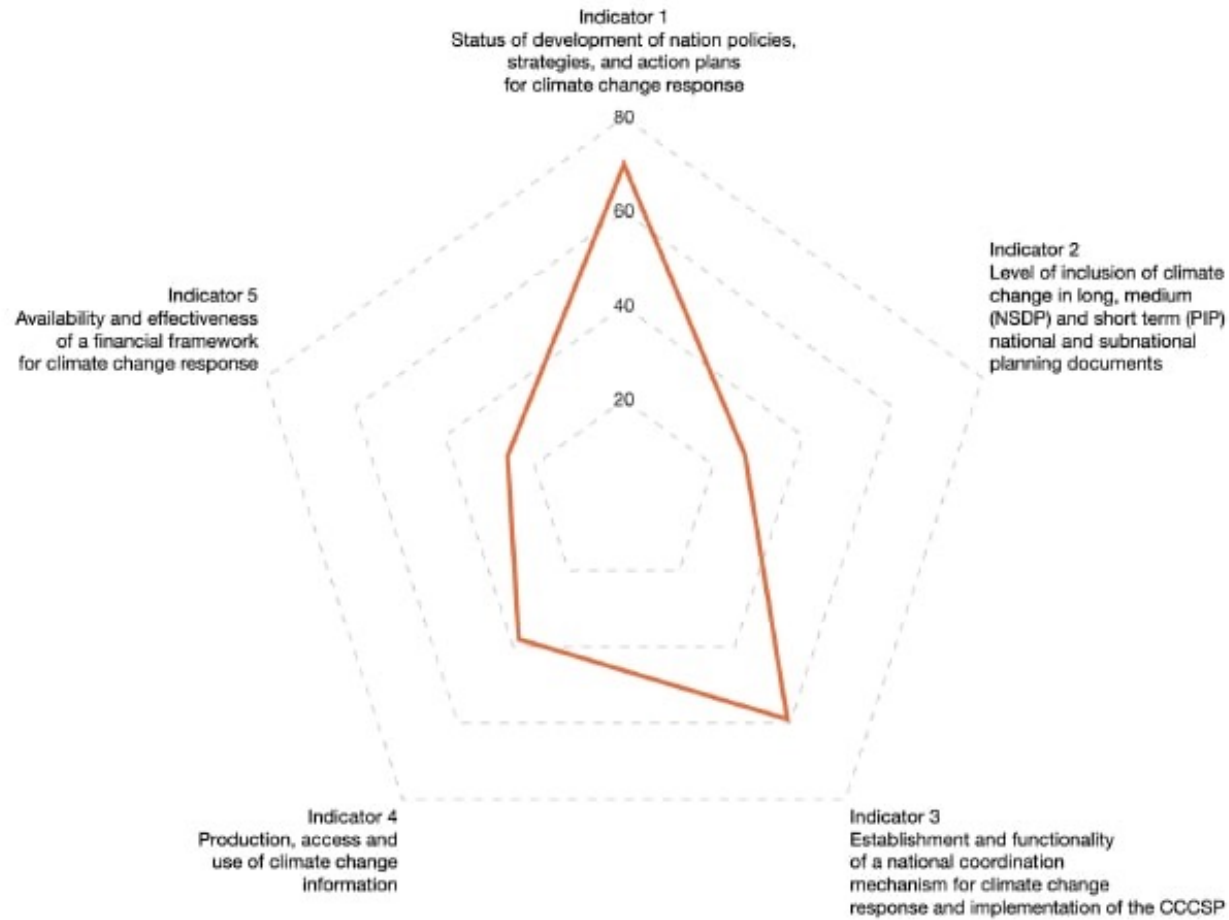
- **Action #29. Promote integrated public transport systems in main cities**
 - Liquefied Petroleum Gas (LPG)
 - Considering on CNG and E-Bus
- **Action #30 Enhance maintenance and inspection of vehicle**
 - Diversity of devices (Break tester , Carbon Monoxide (CO), hydrocarbon (HC) emission tester, diesel smoke tester or opacimeter, sound level meter)

➤ Gender:

- **Action#29. Promote integrated public transport systems in main cities**
 - 10 % women government officials involved
- **Action #30 Enhance maintenance and inspection of vehicle**
 - 37% women government officials involved



Readiness indicator



Next steps in 2022

➤ Four actions to be initiated:

- Establish green belts along major roads for climate change mitigation
- Shift long distance freight movement from trucks to train
- Develop national road construction and maintenance design standards for national and provincial roads, considering climate change impact including M&E framework develop for climate proofing and low-carbon technology roads
- Repair and rehabilitate existing road infrastructure and ensure effective operation and maintenance systems, considering climate change impact

➤ Challenges and opportunities:

- Human resources and budgets to implement the actions;
- Limited coordination between MPWT and concerned units;
- Limited of supporting information and data;
- Process and procedure of data collection, verification, validation, and analysis;
- Knowledge and familiarization of focal person on NDC tracking system;
- IT Challenges: the tracking system and internet connection.





Thank you!

