1st National Consultation Meeting

NDC 2.0 Implementation and road to NDC 3.0

4th March, 2025
Hilton Hotel, Port Moresby

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MRV and National Communications Division

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Background



Paris Agreement Goal

Keep global temperature rise well below 2 ^{o}C above pre-industrial temperature while pursuing efforts to limit it to 1.5 ^{o}C

- PNG has been a member of the UNFCCC since 1993
- PNG ratified the Paris Agreement in 2016
- PNG also passed the United Nations Paris Agreement (Implementation) Act in Parliament in 2016
- Article 4 of the Paris Agreement requires Parties to submit Nationally Determined Contributions (NDC)*
- PNG submitted its First NDC in 2016
- PNG submitted its Enhanced NDC in 2020

**Note:Article 4.4. Developed country Parties should continue taking the lead by undertaking economywide absolute emission reduction targets. Developing country Parties should continue enhancing their mitigation efforts, and are encouraged to move over time towards economy-wide emission reduction or limitation targets in the light of different national circumstances.*

Overview of NDC 2.0

1. Mitigation Contributions

a. Energy Sector (incl. Transport)

b. Agriculture, Forestry, and Other Land Use Sector

2. Adaptation Priorities (targets)

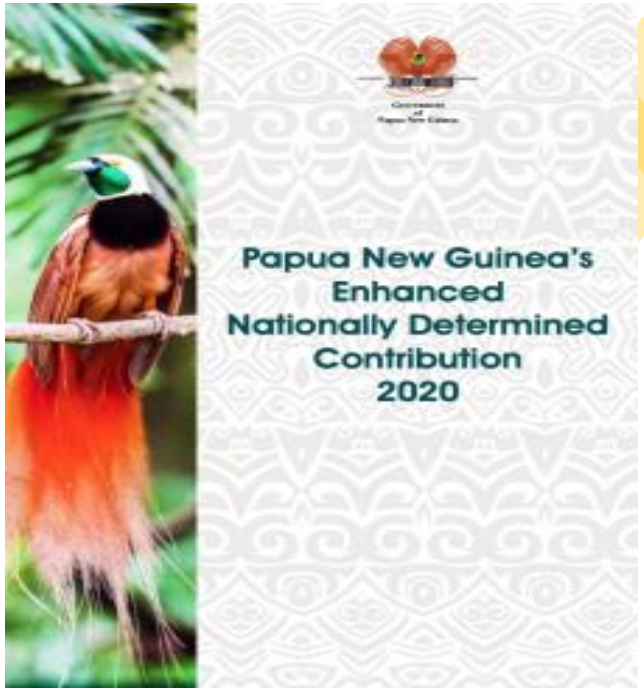
a. Health

b. Infrastructure

c. Agriculture

d. Transport

Note: Targets are fully (100%) conditional to support (finance, technology etc.)





Energy Sector Targets in Enhanced NDC 2020

Energy sector headline target

Carbon neutrality within the energy industries sub-sector

1. Non-GHG quantitative target

Enhancing the level of renewables in the energy mix from 30% (2015) to 78 % by 2030 for on-grid connection

2. Non-GHG Action based

2.1. Reduce energy demand through the adoption and implementation of Minimum Energy Performance Standards and Labelling (MEPSL);

2.2. Establish a framework for fossil fuel emissions offsetting; and

2.3. Enhance data collection capabilities.

Energy Sector Targets in NDC 2.0

Enhance levels of renewables in the energy mix from **30% (2015) to 78% (2030)** for on-grid connection

Boundary

- Installed capacity for on-grid connection (only)

Implementation Period

- 2021-2030

Number of Projects

- Planned Projects - 15

- Proposed Project - 21

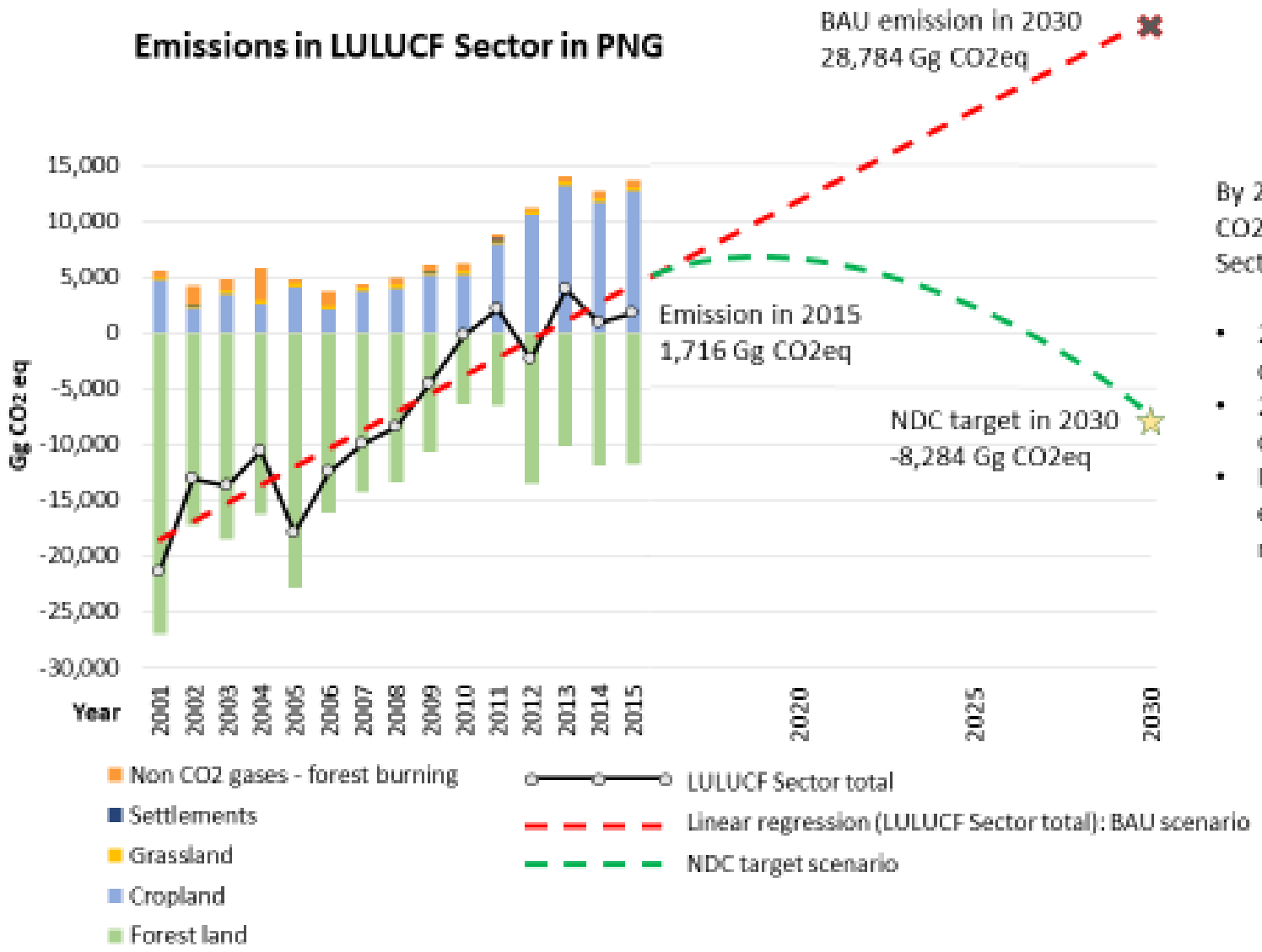
RE Technology

- Biomass (2), Solar (12), Hydro (22)





LULUCF Targets in PNG's NDC 2.0



By 2030, PNG will reduce 10,000 Gg CO2e emissions of the LULUCF Sector against 2015 level by;

- 25% reduction of annual deforestation;
- 25% reduction of annual forest degradation;
- Increase of forest plantation and enhancement of ecosystem restoration.

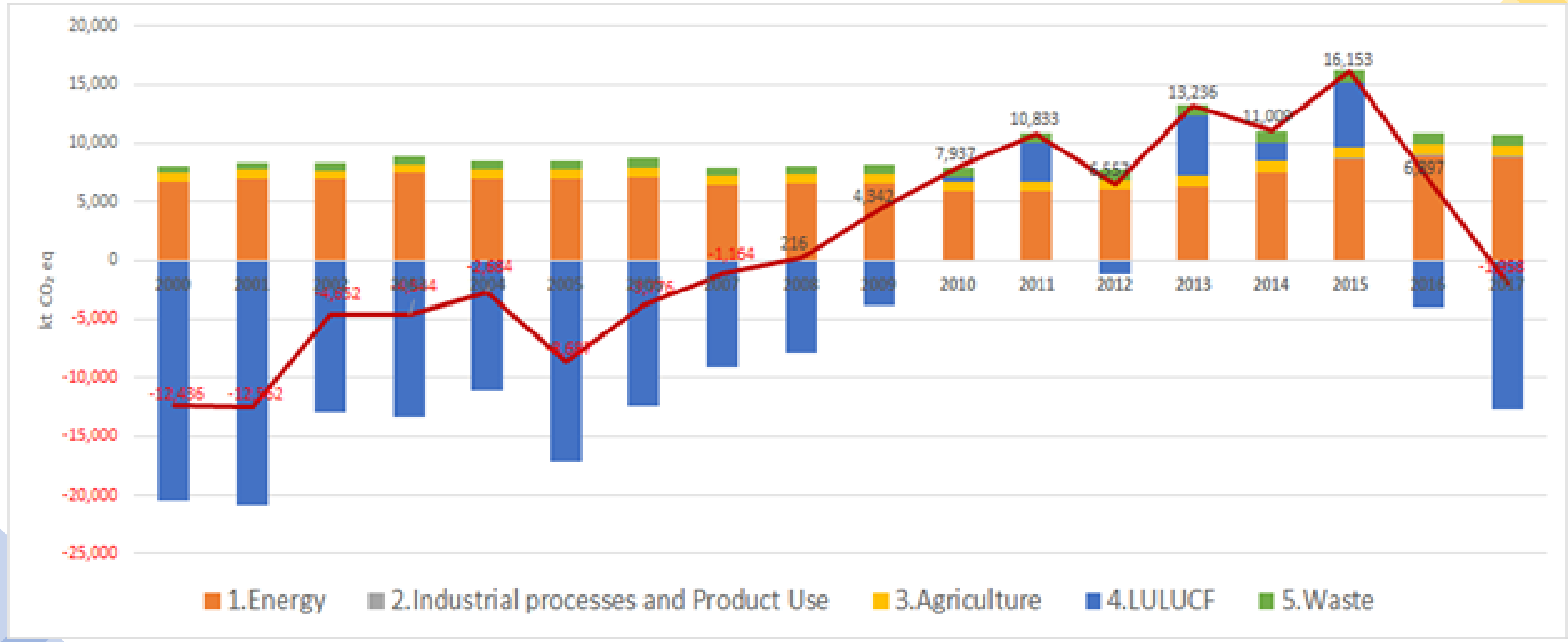
Regulatory and Enabling Famework

- ✓Developed NDC Regulation
- ✓Developed a Carbon Markets Regulation (in final endorsement stage)
- ✓Signed a Memorandum of Cooperation with the Government of Japan (Article 6 of Paris Agreement)
- ✓Signed a Implementation Agreement with the Government of Singapore (Article 6 of Paris Agreement)

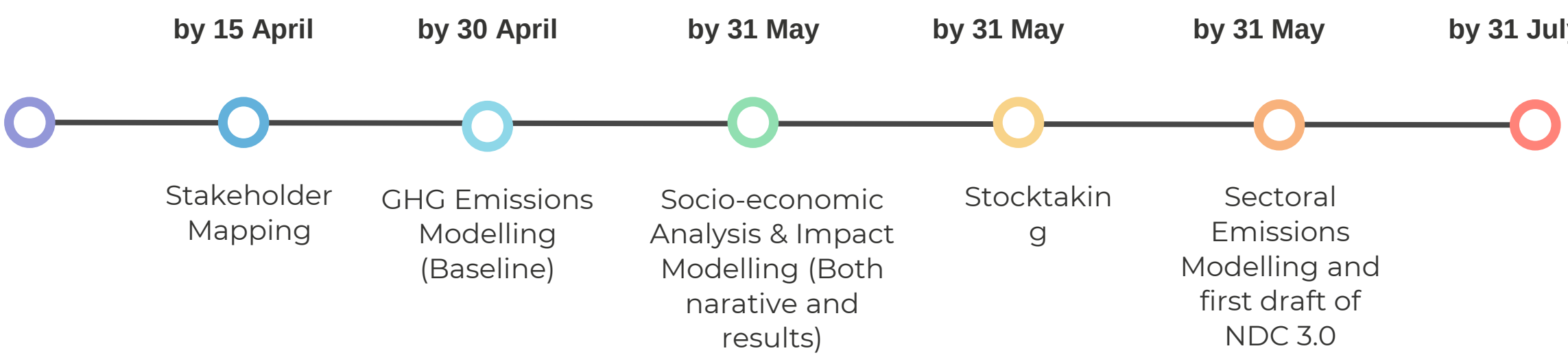
Progress of NDC 2.0 Implementation Plan

- ✓ Energy Sector (4 actions and 36 projects)
  - ✓ Non-GHG action based – 2 ongoing efforts, 1 not yet started
  - ✓ RE target – 14 project not yet started, 16 projects ongoing construction, 6 projects have been commissioned (currently generating electricity)
- ✓ AFOLU Sector (15 actions)
  - ✓ 13 actions ongoing efforts; 2 actions not yet started
- ✓ Adaptation Priorities(16 actions)
  - ✓ 16 actions ongoing efforts

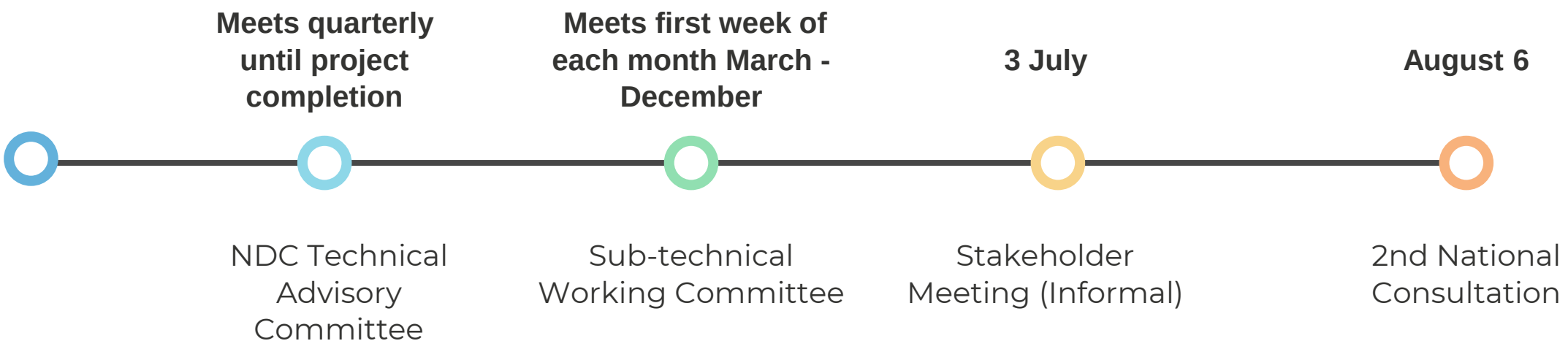
BUR2 GHG Inventory



Proposed Timeline 2025 – NDC 3.0



Consultation Timeline 2025



Capacity Building Timeline 2024-2025



Thank you!

