



Climate Change and Development Authority



Papua New Guinea's Progress Update- NDC 3.0 and BTR1 preparation

**The 7th Greenhouse Gas Inventory System Training
Workshop**

15th -18th July, 2025

Almaty, Kazakhstan

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Climate Change and Development Authority

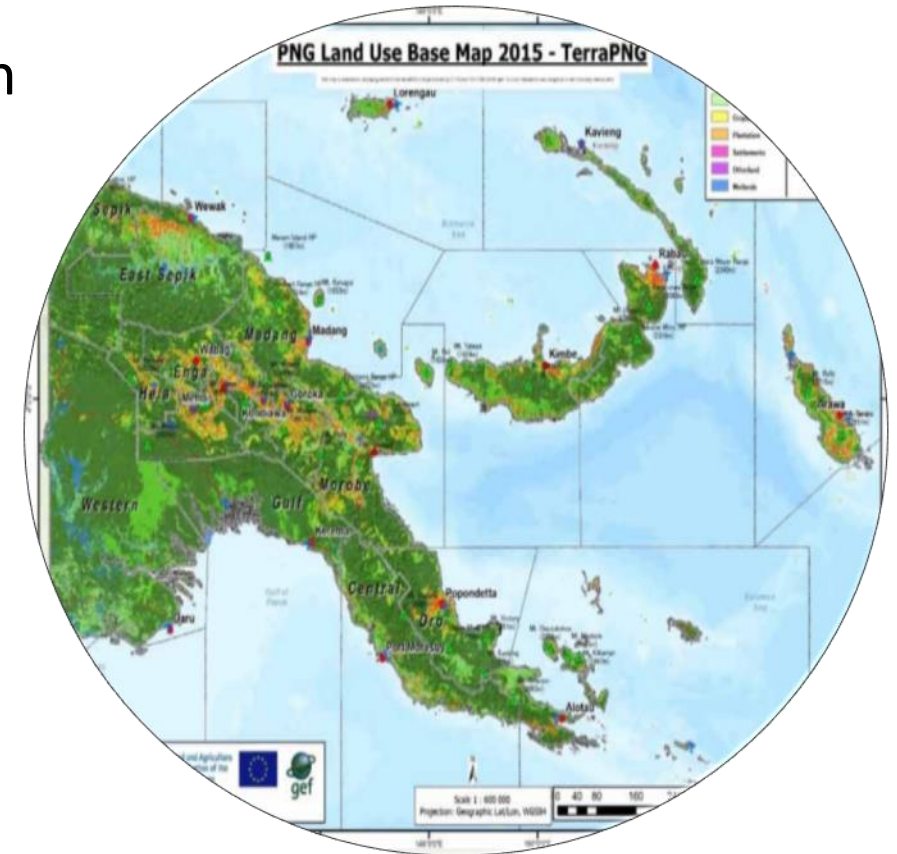
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NATIONAL CIRCUMSTANCES

- ❑ The third largest tropical rainforest after Amazon and Congo Basin.
- ❑ PNG forest is well known for biological and cultural diversification
- ❑ Estimated population: 21 million (2021)
- ❑ Economic activities: mineral recourses, agriculture, forestry and fishing



BACKGROUND



Paris Agreement Goal

Keep global temperature rise well below 2 °C above pre-industrial temperature while pursuing efforts to limit it to 1.5 °C

**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.*

- 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
- NDC 3.0 to be submitted at the end of 2025

BACKGROUND



Paris Agreement Goal

Keep global temperature rise well below 2 °C above pre-industrial temperature while pursuing efforts to limit it to 1.5 °C

- Article 13 of the Paris Agreement establishes an enhanced transparency framework (ETF) for action and support.
- Under this framework, Parties must prepare Biennial Transparency Reports every two years.
- First BTR is due by the end of year – 2024 – PNG will submit before the end of 2025

Overview of NDC 2.0

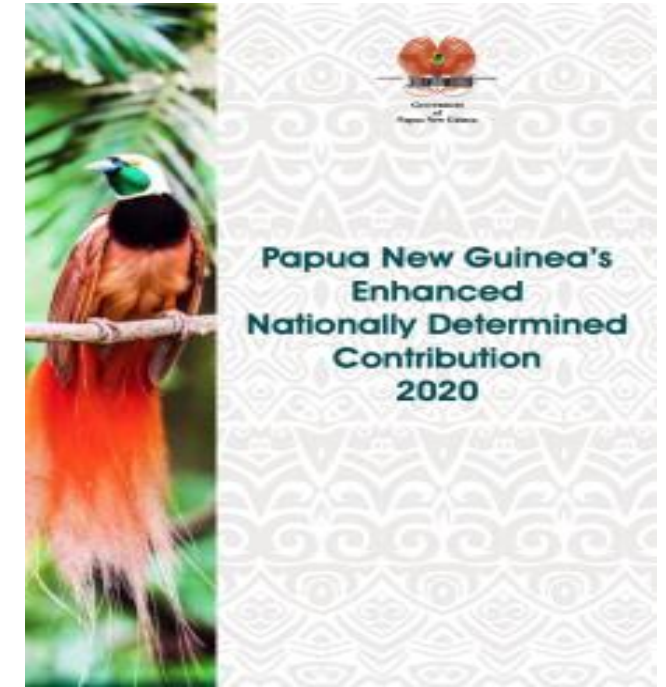
1. Mitigation Contributions

- a. Energy Sector (incl. Transport)
- b. Agriculture, Forestry, and Other Land Use Sector

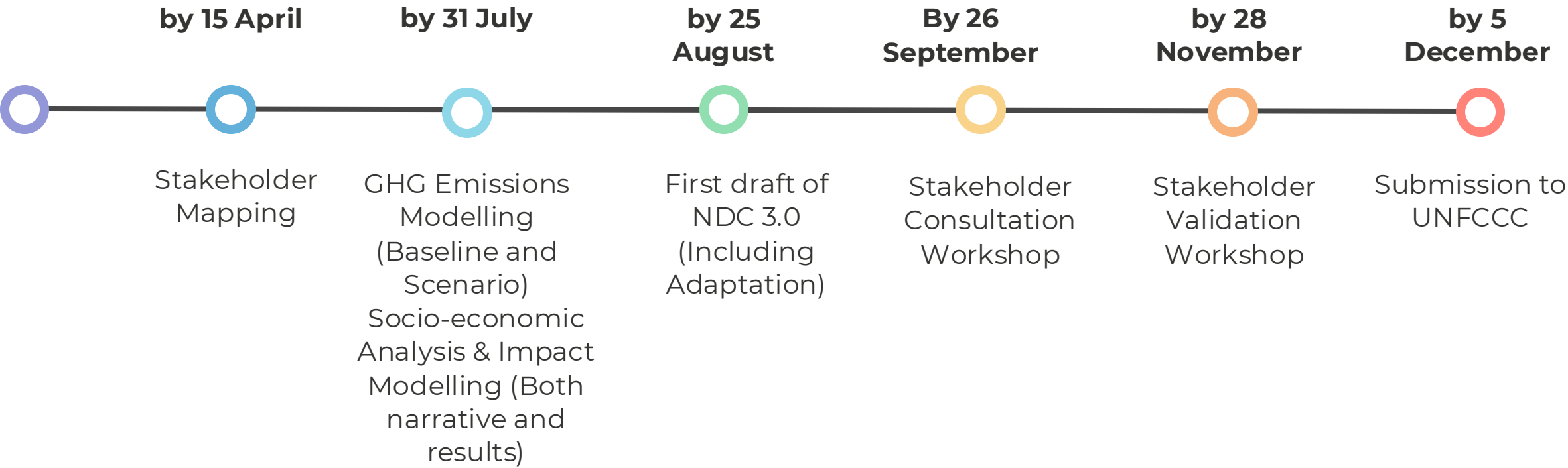
2. Adaptation Priorities (targets)

- a. Health
- b. Infrastructure
- c. Agriculture
- d. Transport

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

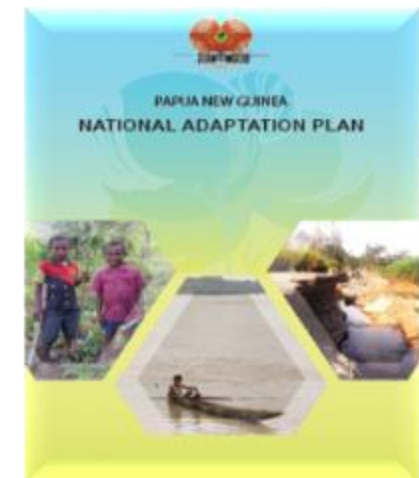


Proposed Timeline 2025 – NDC 3.0

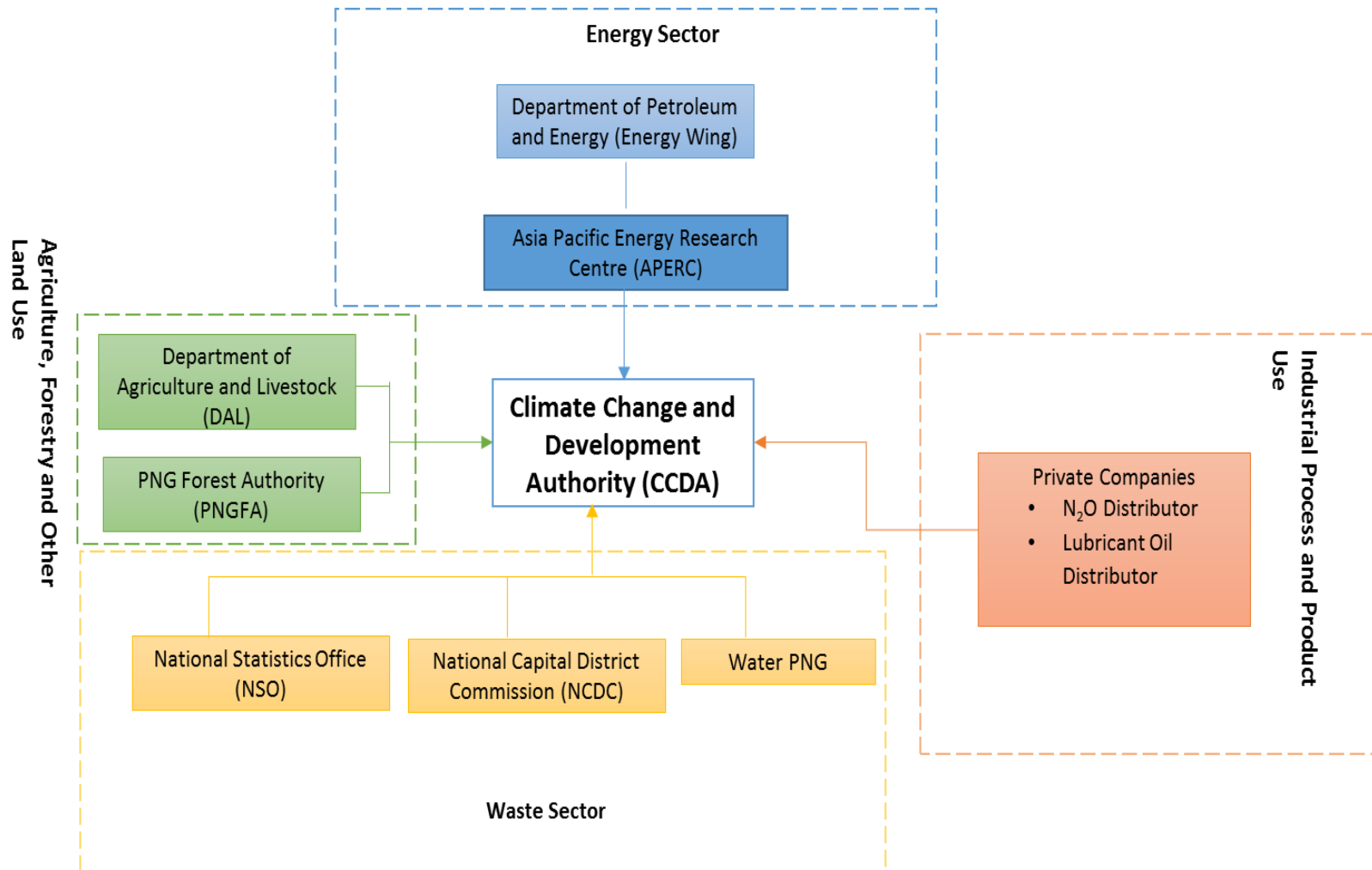


PNG's ETF TRANSITION AND IMPLEMENTATION

- Developed an ETF roadmap for the AFOLU sector- (2022 – 2025)
- Developed a National GHG Improvement Plan (2022 – 2025)
- Developed and launched the National Adaptation Plan which will be used as a guide to report adaptation actions. (April, 2023)
- PNG has enhanced its Institutional arrangements to implement the ETF
- PNG, technical officers have built their capacity through various ETF-relevant trainings and workshops to equip them with the knowledge and skills to implement the ETF

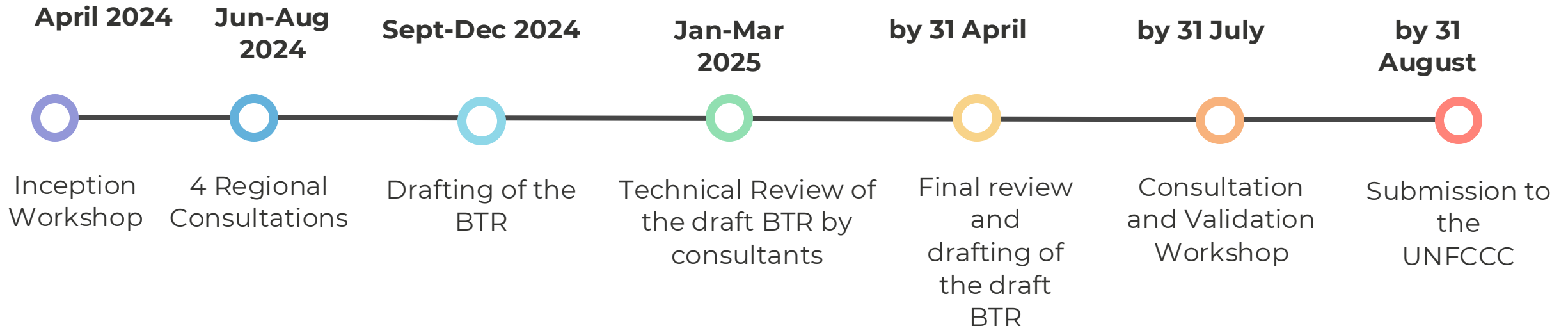


GHG Inventory- Institutional Arrangement



- CCDA collaborates with the designated sector-lead agencies to compile the GHG inventory.
- Through this collaboration CCDA received activity data and emission factors to enable estimation of GHG emissions.
- Private companies provide this data when sector lead agencies are unable.

Timeline of 1st Biennial Transparency Report



Lessons Learned and Challenges

- Partnerships were essential to building foundational MRV systems, strengthening institutional capacity, and preparing PNG to fully participate in the ETF

Challenges:

- Coordination among development partners at times resulted in overlapping priorities or duplicated efforts.

SUPPORT NEEDED

- Enhance understanding of the 2006 IPCC guidelines
- Enhance understanding of ETF reporting requirements
- Need more guidance on how to report on Loss and Damage in BTRs
- Need to establish a national framework for tracking support provided

Thank you!



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