



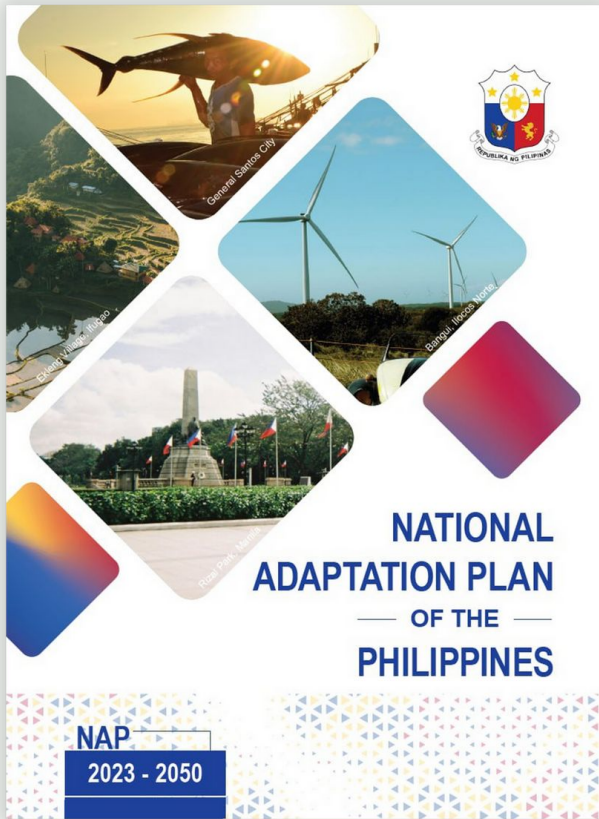
Asia Clean Energy Forum 2025

Towards a Resilient Energy Sector: The Philippines National Adaptation Plan 2023–2050

Rachel Anne Herrera

Commissioner, Climate Change Commission





First NAP focused on a national level, with localization at sectoral and local level required

National Adaptation Plan (NAP) 2023-2050

Elements:

- Macro-level climate risk & impact assessment, including priority regions
- Key priority sectors and adaptation strategies
- High-level implementation roadmap and key enablers

Principles:

- Compliant with UNFCCC guidelines
- Data-driven
- Fit-for-purpose
- Builds on existing mechanisms
- Whole-of-Government, Whole-of-Society approach

With support from:



UK International
Development



UK Government
Centres of Expertise



GLOBAL PROSPERITY THROUGH
TRADE & INVESTMENT

Delivered by: **BCG** BOSTON
CONSULTING
GROUP



Four climatic impact drivers

identified in consultation with national climate experts



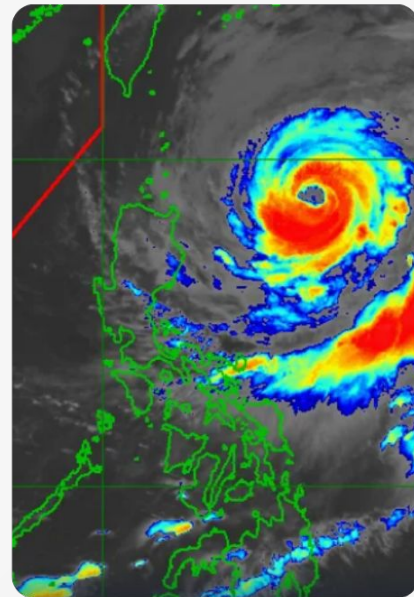
**Increased
Temperature
and Drought**



**Sea Level Rise and
Extreme Sea Levels**



**Extreme
Precipitation**

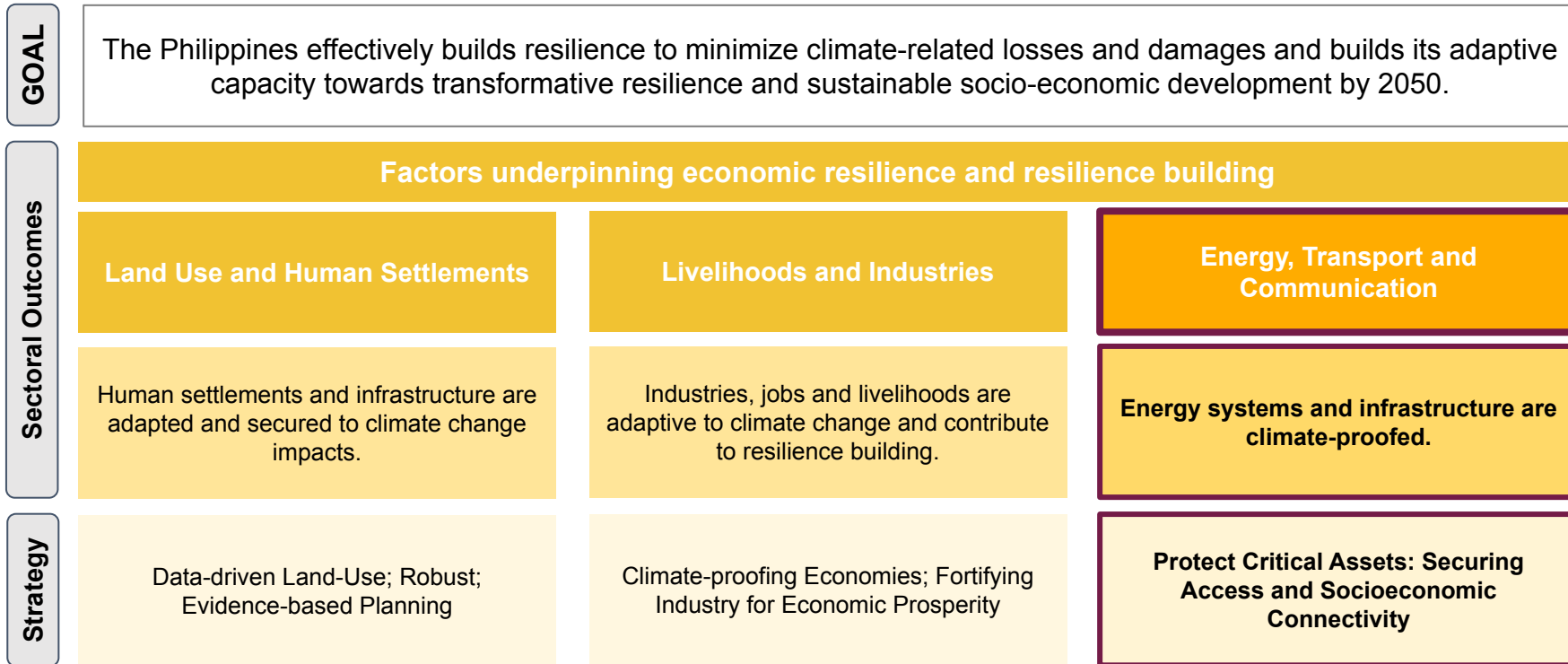


**Wind patterns and
Tropical cyclones**

NAP Strategic Framework

GOAL	The Philippines effectively builds resilience to minimize climate-related losses and damages and builds its adaptive capacity towards transformative resilience and sustainable socio-economic development by 2050.				
Sectoral Outcomes	Pillars for well-being and stability				
	Agriculture and Fisheries and Food Security	Water Resources	Health	Ecosystems and Biodiversity	Cultural Heritage and Population Displacement and Migration
	Availability, stability, access, affordability, safe and nutritious food is ensured amidst climate change.	Water resources are sustainably managed amidst climate change, and equitable access is ensured.	Climate change risks to population health and health systems are reduced/avoided.	Resilience and stability of different ecosystems and other natural systems are ensured.	Cultural heritage and well-being of persons and communities displaced by conflicts & disasters caused by climate change are protected.
Strategy	Securing Food Supply; Nurture Nature, Sustain Livelihoods	Safeguard Water Security; Secure and Sanitary Water for All	Climate-Adaptive Healthcare for All; Protecting Health and Well-Being of Filipinos	Safeguard Biodiversity; Restore Natural Assets	Safeguarding Communities and Culture; Durable Solutions for Climate-Induced Mobility

NAP Strategic Framework



Priority sectors for adaptation



**Agriculture,
Fisheries, and
Food Security**



**Water
Resources**



Health



**Ecosystems and
Biodiversity**



**Cultural Heritage,
Population
Displacement and
Migration**



**Land Use
and Human
Settlements**



**Livelihoods
and Industries**



**Energy, Transport,
and Communications**

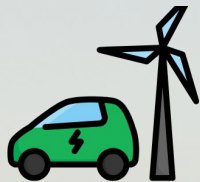


Energy, Transport, and Communications



8%

of the energy infrastructure will be exposed to extreme climate events, resulting in over **PHP 3 billion in direct damages annually throughout the 2030s.**



Comprehensive planning and response mechanisms must be established across energy, transport, and communication infrastructure systems



Sufficient capacity of energy, transport, and communication infrastructure systems to provide goods and services is required to meet evolving demand induced by climate change



Adaptation Strategies for the Energy Sector



Integrate energy infrastructure planning and site selection



Perform R&D to understand energy flow accounts



Install infrastructure to ensure continuous energy supply to remote and vulnerable areas



Enforce policies to encourage alternative energy sources and energy efficiency



Encourage and facilitate investment in smart grids



Cross-cutting key enablers in implementing NAP



Governance & institutions



Stakeholder engagement



Skills & capacity building



Data & knowledge infrastructure



Technology & innovation



Adaptation financing



NAP Roadmap

Key initiatives

National

- 1 Define governance structure and institutional arrangements to mainstream NAP in national agenda
- 2 Amplify NAP awareness and understanding through stakeholder engagement
- 3 Localize climate analytics and enhance adaptation data management and application
- 4 Translate adaptation strategies into a sectoral-level program/project portfolio
- 5 Develop adaptation investment plan to mobilize resources needed for adaptation programs

National
and Local

- 6 Translate adaptation strategies into a provincial-level program/project portfolio
- 7 Enhance capability building, research, and innovation on climate change adaptation
- 8 Develop effective MEAL system for climate change adaptation

International

- 9 Align NAP with the Glasgow-Sharm El-Sheikh Work Programme on the Global Goal on Adaptation

**National Adaptation Plan
(NAP) of the Philippines
2023-2050**

Thank you!



Scan me!