

Overview and priorities of the NDC 3.0 of Mongolia

High-Level Forum on Mongolia's Nationally
Determined Contribution (NDC) 3.0

NDC/LT-LEDS Coordinator

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Current Climate Change in Mongolia

Over the past 85 years, the average air temperature



2.5°C increased



The annual total precipitation



10-40% decreased



The frequency and intensity of natural disasters



2 times increased



76.9% of the country's territory is affected by desertification



As of 2021, 655 springs and streams have dried up



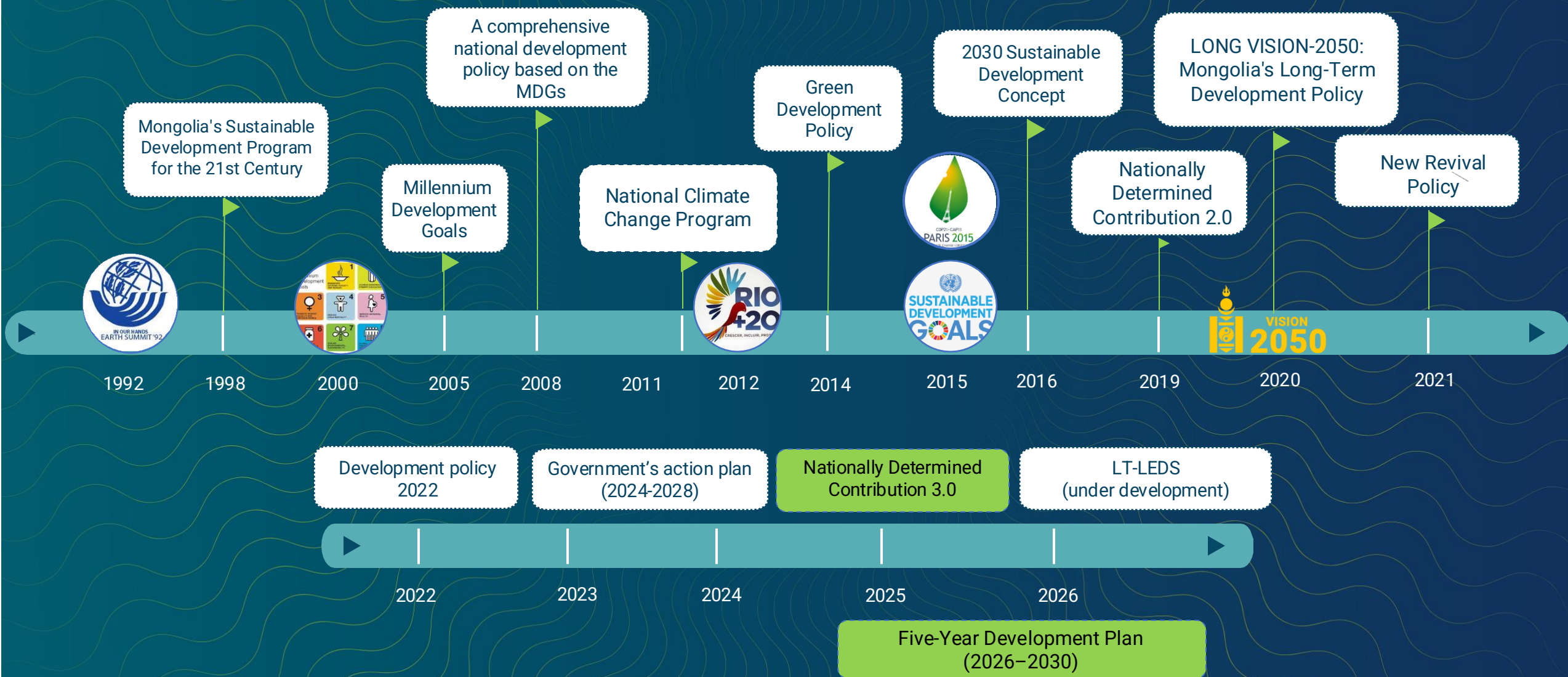
Glacier area has decreased by 50%



Pasture carrying capacity has significantly declined

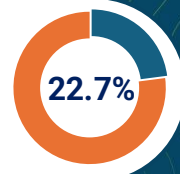


Key National Development Policy Frameworks Related to Climate Change

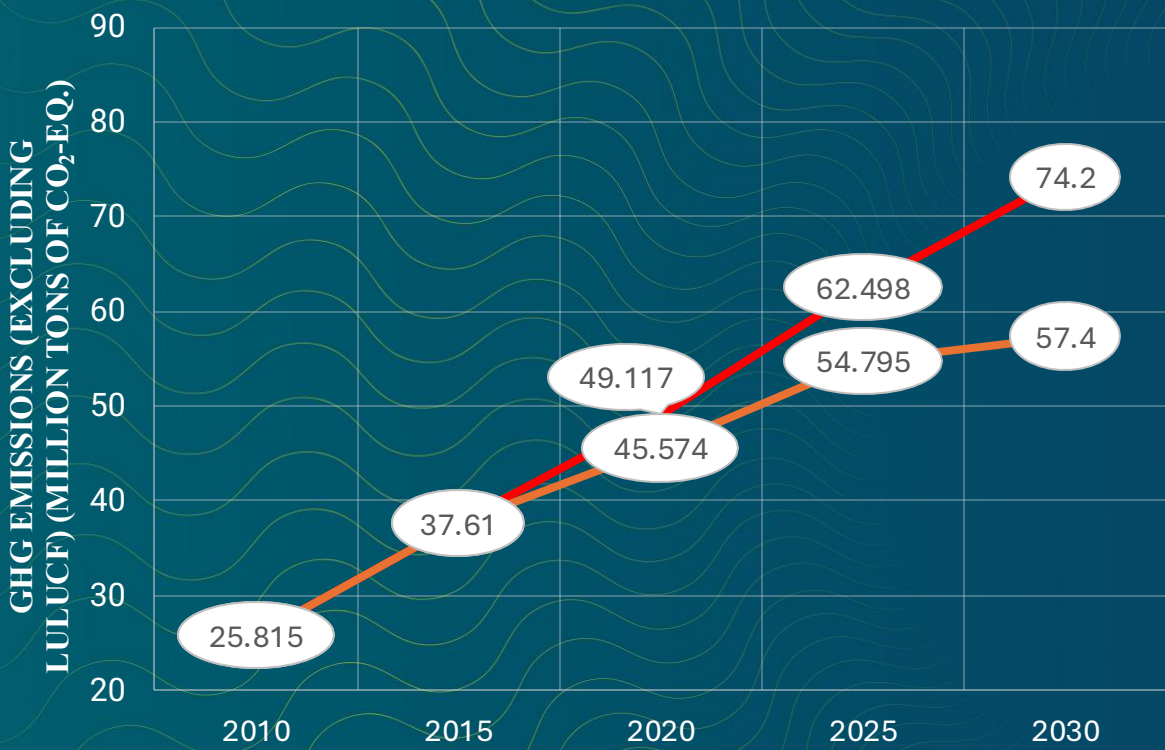
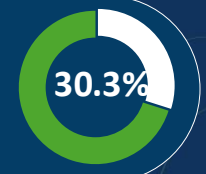




NDC 2.0 Target

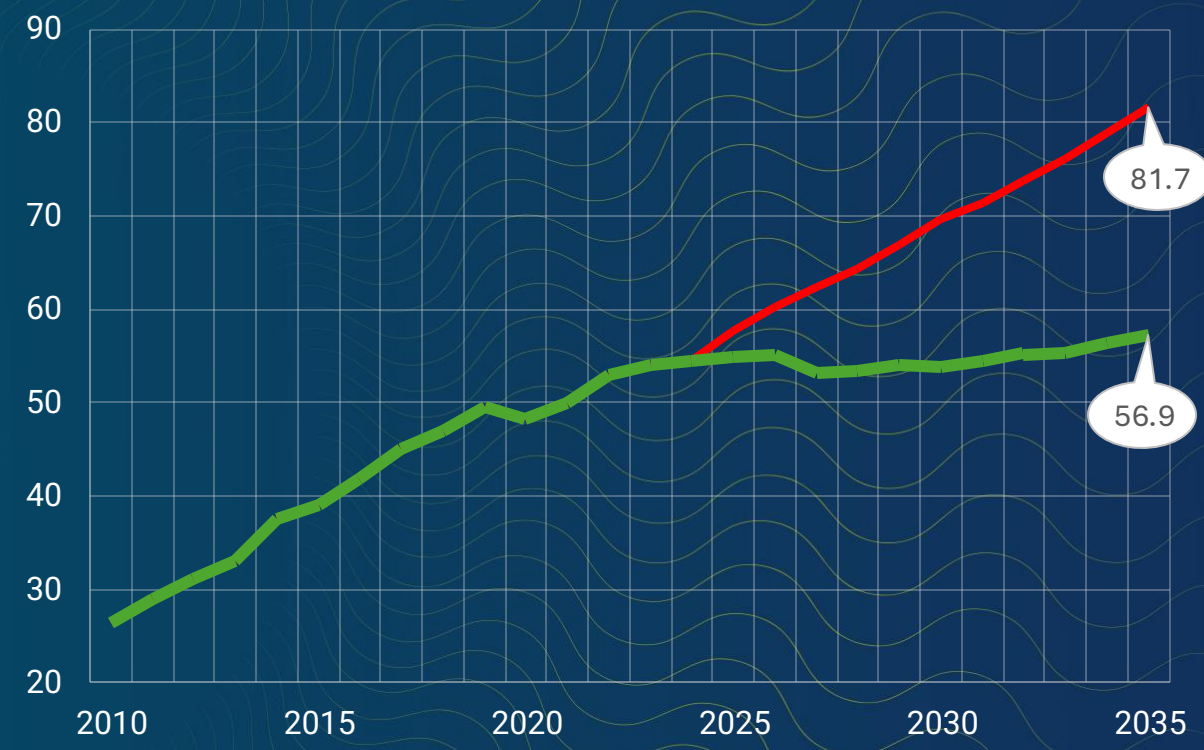


NDC 3.0 Target



- 8,341 - 830 - 1,279 - 1,049 - 5,283 - 106

-16.9 million-ton CO₂-eq.



- 8,265 - 1,066 - 1,313 - 3,466 - 9,781 - 844

-24.7 million-ton CO₂-eq.

NATIONALLY DETERMINED CONTRIBUTION 2.0

NATIONALLY DETERMINED CONTRIBUTION 3.0

Newly added



Education and Culture Sectors

- Enhance climate knowledge, awareness, and capacity, and support the participation and leadership of children and youth;
- Protect tangible and intangible cultural heritage, traditional culture, and knowledge, and establish systems for adaptation to climate change.

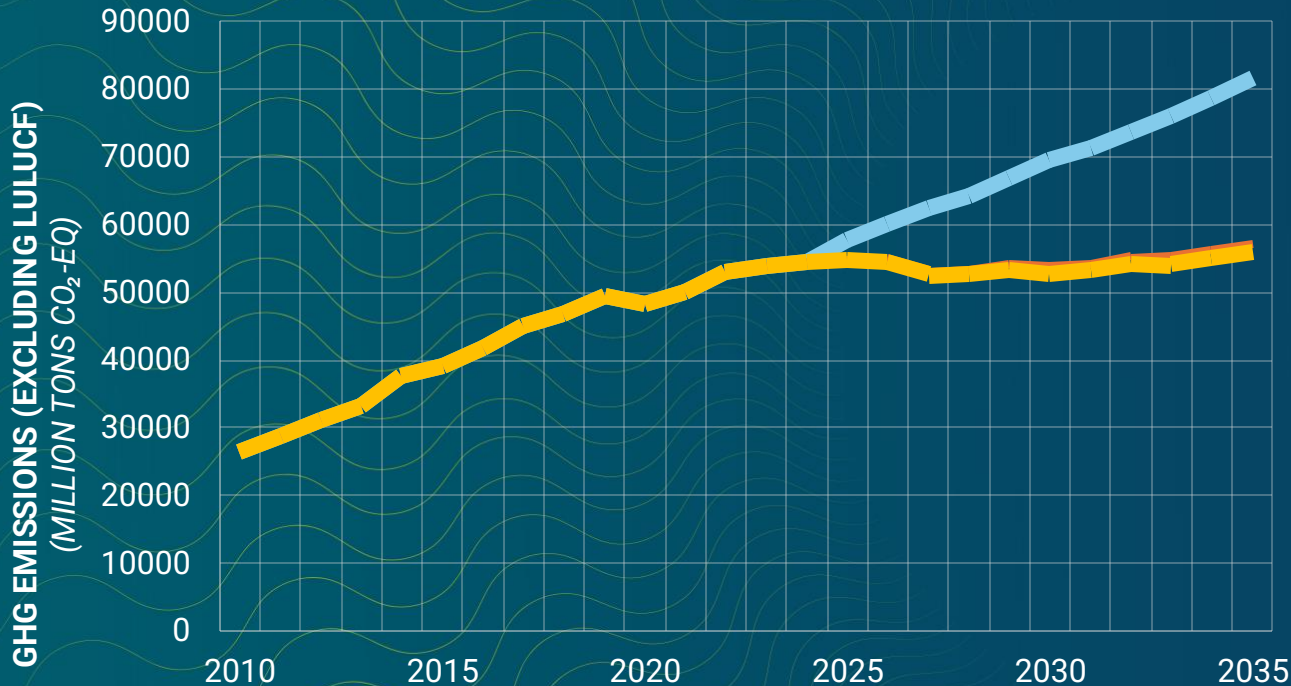
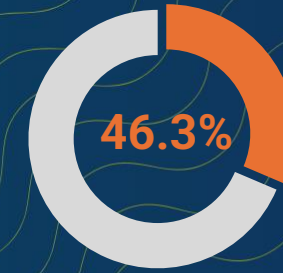
Cross-Sectoral Coordination and Integration

- Improve the legal framework and institutional capacity;
- Establish sustainable financing mechanisms;
- Ensure gender equality and balanced social inclusion;
- Support research and evidence-based decision-making.



NDC 3.0 TARGETS

(Unconditional + Conditional Measures)



- Baseline Scenario
- GHG Reduction Scenario (Unconditional)
- GHG Reduction Scenario (Conditional)

**Total GHG Emission Reduction
(Including Conditional Measures)**

- 25,689.7 thou. tons CO₂-eq.

Total GHG Emission Reduction (Unconditional)

- 24,400.8 thou. tons CO₂-eq.

Total GHG Emission Reduction (Conditional)

- 25,689.7 thou. tons CO₂-eq.

Industrial Processes and Product

Use Sector

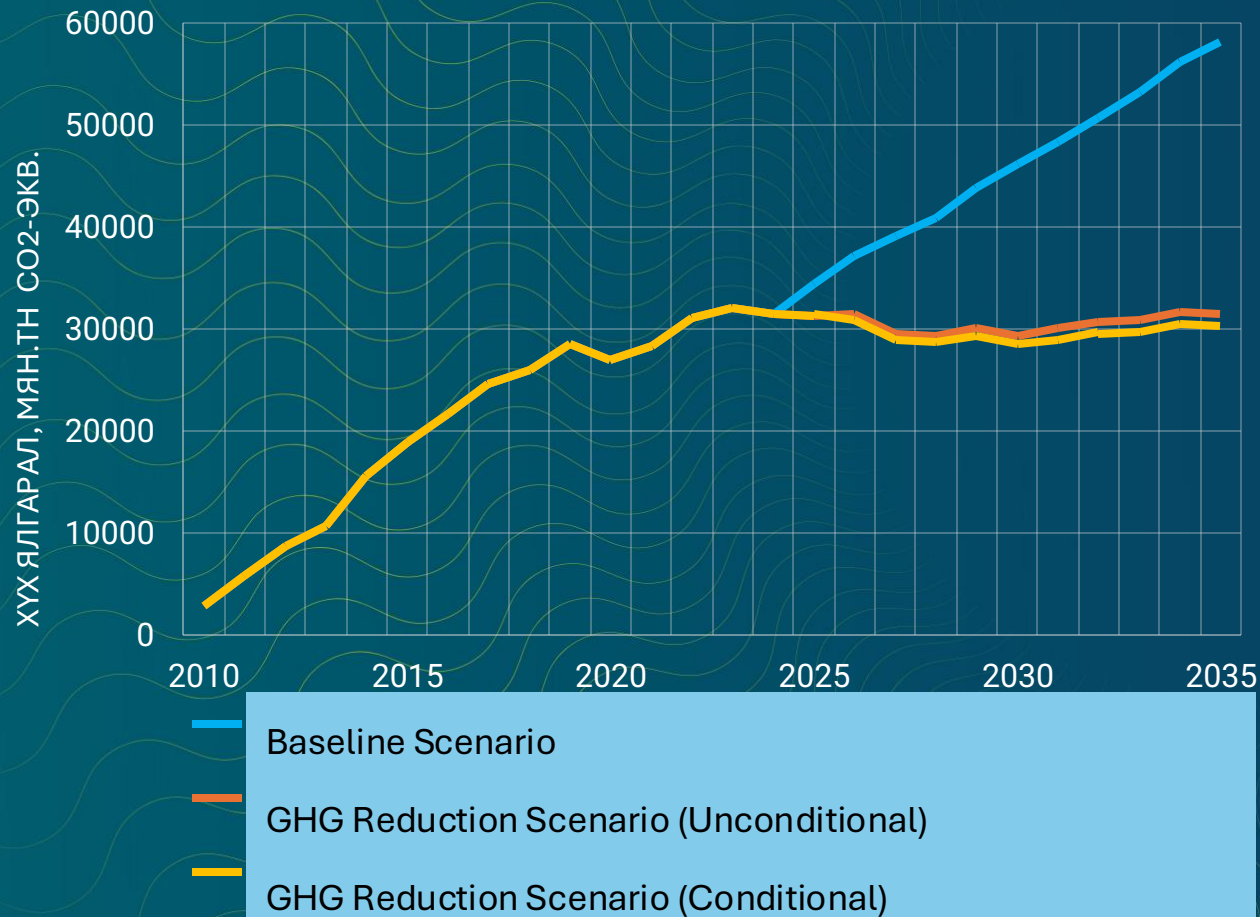
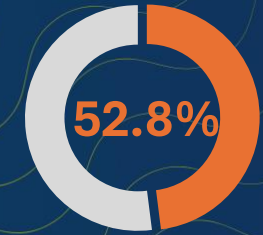
- 25,689.7 thou. tons CO₂-eq.

Waste Sector

- 933.2 thou. tons CO₂-eq.

NDC 3.0 TARGETS

(Unconditional + Conditional Measures + Forestry Sink)



Total GHG Emission Reduction
(Unconditional + Forest Sink + Conditional Measures)

– 31,878.1 thou. tons CO₂-eq.

Total GHG Emission Reduction (Unconditional)

– 24,735.5 thou. tons CO₂-eq.

Increase in Forest Carbon Sink

– 3,285.2 thou. tons CO₂-eq.

Total GHG Emission Reduction (Conditional)

– 3,942.1 thou. tons CO₂-eq.

Needs, Requirements, and Next Steps

Comprehensive Version of the “Updated Nationally Determined Contribution” **(NDC 3.0 Comprehensive version)**

Action Plan and Investment Plan of the “Updated Nationally Determined Contribution” **(NDC 3.0 Action Plan & Investment Plan)**

Carbon Market Regulation **(Carbon market development regulation)**

Law on Climate Change **(Draft Law on Climate Change)**

Long-Term Low-Emission Development Strategy **(LT-LEDS)**



Needs, Requirements, and Next Steps

Role of the Government

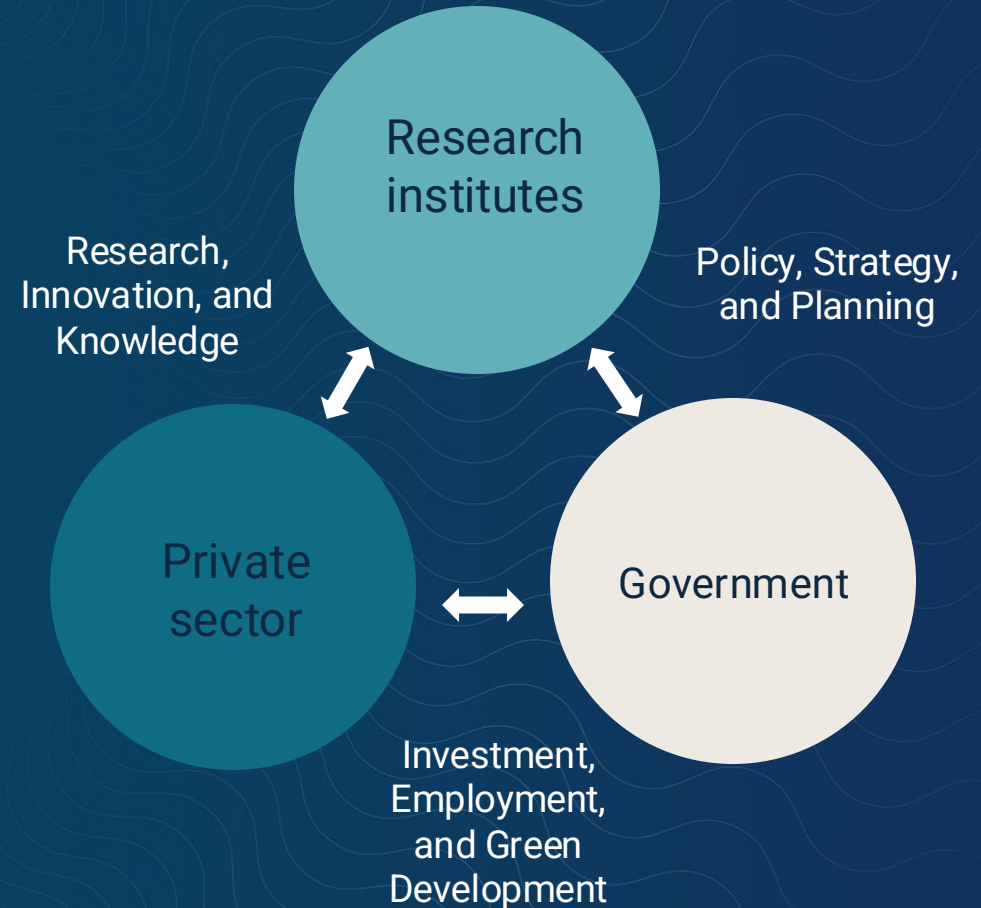
- ✔ Establish a Stable Policy and Legal Environment
- ✔ Support the Private Sector through Transparency, Tax Incentives, and Benefits
- ✔ Strengthen the Measurement, Reporting, and Verification (MRV) System

Role of the Private Sector

- ✔ Implement Innovative and Responsible Investments
- ✔ Develop Green Bonds, Loans, and New Financial Products
- ✔ Participate as an active Carbon Market engagement

Research and Science

- ✔ Propose Science-Based and Innovation-Driven Solutions
- ✔ Develop Digital Monitoring and Data Analysis



Technology

Carbon Capture Storage


Waste to Energy (EV)

MRV system for NDC and GHG Inventory

Integrated Data Management System



Thank you for your kind attention

 *Investing in Green Technology is Investing in the Future*

