



KEMENTERIAN
ESDM

DIRECTORATE GENERAL OF NEW, RENEWABLE
ENERGY AND ENERGY CONSERVATION

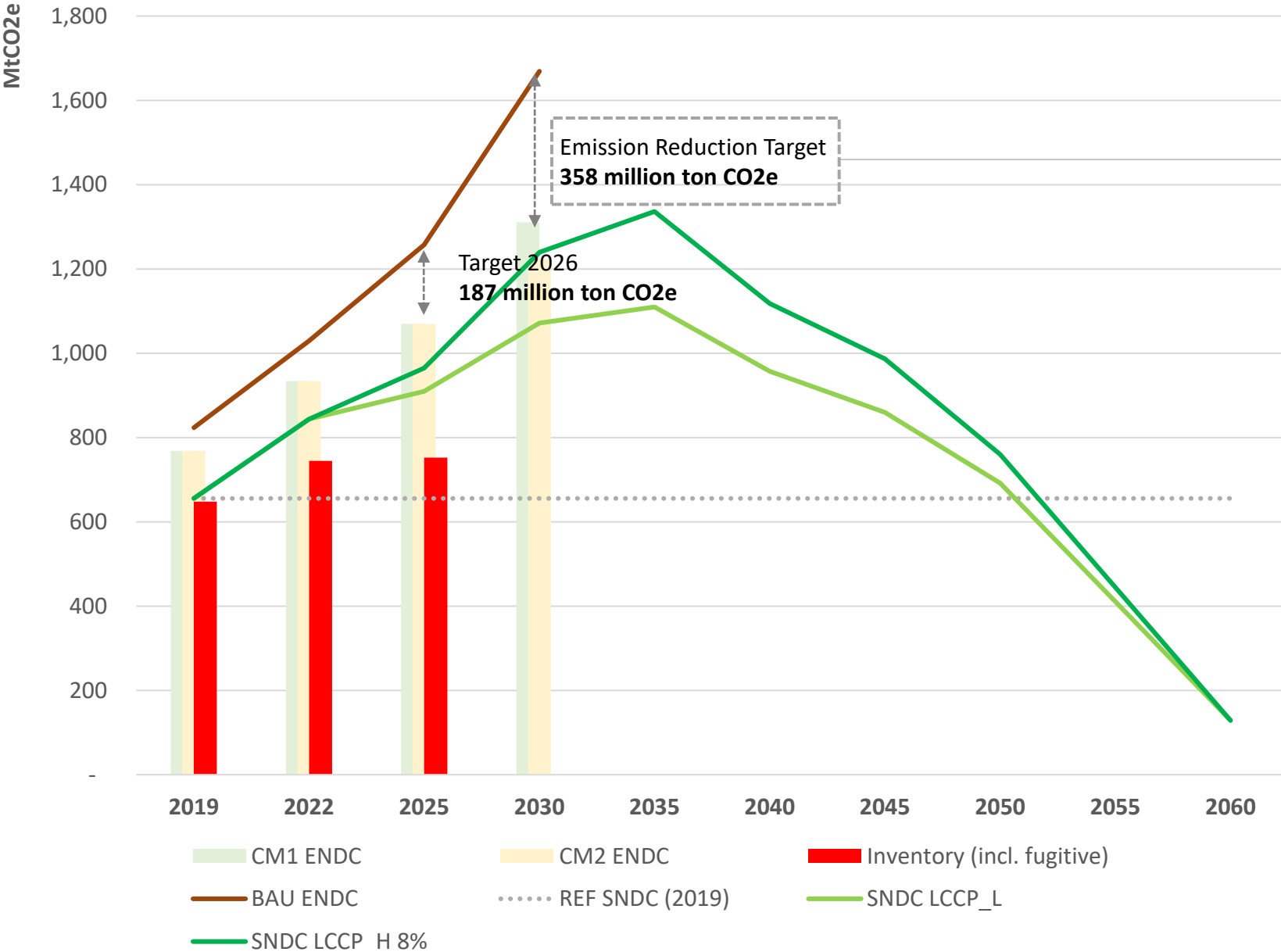
Indonesia's Pathway to Energy Transition

Directorate of Renewable Energy
as RE-SSN Focal Point

22 April 2026



INDONESIA'S COMMITMENT TO REDUCE GHG EMISSIONS AND ACHIEVING NET ZERO EMISSION



Emission Reduction Target (ENDC)

NRE

181

million-ton CO2

- NRE Power Plant
- Solar PV Rooftop
- CFPP Cofiring
- *Captive* NRE
- Biofuel
- Biomass
- Biogas

Energy Efficiency

133

million-ton CO2

- Energy Management Mandatory
- MEPS & Label
- Electric Vehicle

OTHER

44

million-ton CO2

- Fuel switching
- Ultrasupercritical CFPP
- Post Mining Reclamation

Efforts to Increase the Renewable Energy Mix

1. Regulatory Strengthening

- 100 GW Solar Power Plant Regulations
- Ministerial Regulation on Hybrid Systems and its Derived Ministerial Decrees
- Amendments to Presidential Regulation No. 112/2022
- Ministerial Decree on the Phased Implementation of Biofuels
- Revision of Government Regulation No. 7/2017

2. Implementation of the Biofuel Program

- Ministerial Decree on the E5 Mandate
- Review of Ministry of Energy and Mineral Resources Regulation No. 5/2021 on Business Licensing
- Bioethanol National Standards

3. Monitoring the Implementation of the RUPTL

- *Streamlining Licensing to Accelerate COD of Renewable Energy Power Plants*
- Internal Oversight Task Force at EBTKE

4. Implementation of Geothermal Area Auctions

5. Collaboration with the Ministry of Public Works for the Development of Floating Solar Power Plants and Hydropower Plants

6. Maximizing the Grid Integration of Geothermal Power Plant Electricity by PLN

- Implementation of ESDM Regulation No. 5/2025 on Guidelines for Renewable Energy Power Plant
- Review of *grid codes*

7. GE-based REBID clusters as renewable energy baseload to support the nickel downstream industry in Halmahera

8. North Sulawesi as a showcase for a geothermal economic center

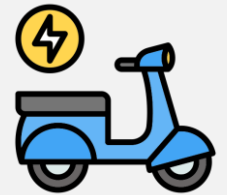


THE GOVERNMENT'S NEW STRATEGY

Addressing the Challenges of the Global Geopolitical Landscape



100 GW Solar PV



Conversion of ICE to Electric Vehicle



B50



Energy Efficiency

Supported by Energy Expert



UPDATES ON NEW REGULATIONS TO ACCELERATE ENERGY TRANSITION

MACRO/ PLANNING POLICY

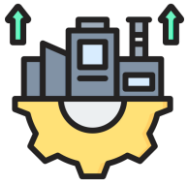


Government Regulation No.40/2025
National Energy Policy

MEMR Regulation No.10/2025
Energy Transition for the Electricity Sector

MEMR Decree 85.K/TL.01/MEM.L/2025
National Electricity General Plan (RUKN)

LOCAL CONTENT



MEMR Regulation No.11/2024
**Use of Domestic Products for Electricity
Infrastructure Development**

- MEMR Decree 191.K/2024 Minimum Threshold for Domestic Component Level (TKDN)
- Director General of EBTKE Decree 150.K/2024 Procedures for Calculating TKDN Compliance

BIOFUEL



MEMR Regulation No.4/2025
Business Activities and Utilization of Biofuels

MEMR Regulation No.3/2026
**Indonesian Sustainable Palm Oil Certification for
Palm Oil Bioenergy Businesses**

NRE PROGRAM



Presidential Regulation No.109/2025
**Urban Waste Management through Waste-to-Energy
Using Environmentally Friendly Technologies**

MEMR Regulation No.5/2025
**Guidelines for Power Purchase Agreements from
Renewable Energy Power Plants**

MEMR Regulation No.19/2025
Hybrid Power Plants

ENERGY EFFICIENCY



MEMR Regulation No.3/2025
**Energy Conservation by Central and Regional
Governments**

MEMR Regulation No.8/2025
Energy Management

MEMR Regulation No.1/2026
Energy Conservation Service Businesses

Regulations that in Process, including: Revision of Presidential Regulation 112/2022 on Acceleration of Renewable Energy for Electricity, Draft Government Regulation (RPP) on Geothermal for Indirect Utilization, (Draft) Presidential Decree on Acceleration of Development and Operation of Nuclear Power Plants (**NEPIO**), **Deregulation of Solar PV for Rooftop**, Own Use & Cooperation between Business Area Holder (Wilus)

Thank You



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