

INDONESIA'S CARBON EMISSION REDUCTION PROGRESS

Global annual emissions of CO₂ has reached > 36 billion tonnes.

1990

Indonesia's GHG emissions had increased by 90% (1990-2016).

2000

2010

2016

2020

Indonesia was the top 10th CO₂ emitter in the world in 2016. (1.3% share of global CO₂ emissions)

INDONESIA'S COMMITMENT ACCORDING TO THE PARIS AGREEMENT (COP21)

Indonesia has pledged to cut emissions by **29% (CM1)*** - **41% (CM2)*** by 2030. This target is known as nationally determined contribution (NDC).

2030

CM1: Counter Measure 1, unconditional target

CM2: Counter Measure 2, conditional target (with international aid)

TARGET

(2030)

834 Mton CO₂e (CM1)

1,081 Mton CO₂e (CM2)

ACHIEVEMENT

(2017)

709 Mton CO₂e (24.7%)

SOURCES OF GHG EMISSIONS



Agriculture, Forestry and Other Land Use

- Livestock
- Land
- Aggregate sources and non-CO₂ emissions sources on land



Energy

- Fuel combustion
- Fugitive emission from fuel emissions



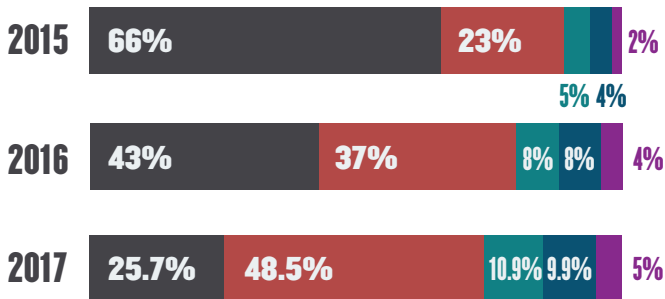
Waste

- Domestic solid waste
- Domestic wastewater
- Industrial wastewater
- Industrial solid waste



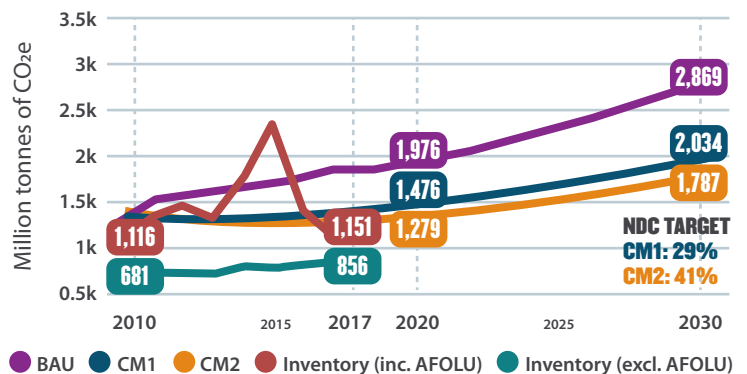
Industrial Processes and Product Use

- Mineral industry
- Chemical industry
- Metal industry
- Non-energy products from fuels
- Others (pulp paper, F/B, etc.)



Between 2015 and 2017, there was a shift of dominant carbon emitter from forestry and other land use (AFOLU) sector (66%) to the energy sector (49%).

National Emission Level (2010 - 2017) and Targets



SOME POLICIES CONTRIBUTING TO CARBON EMISSION REDUCTION

- 2019**
 - Presidential Regulation No. 55/2019 on Acceleration of Battery Electric Vehicles Program for Road Transportation
 - Minister of Environment and Forestry Regulation No. P.73/MENLHK/SETJEN/KUM.1/12/2017 on the Guidance for National GHG Inventory Implementation and Reporting
 - Law No. 16/2016 on Paris Agreement Ratification to the UNFCCC
 - Presidential Regulation No. 71/2011 on Conducting National GHG Inventory
- 2011**
 - Presidential Regulation No. 61/2011 on National Action Plan for Reducing Emission (RAN-GRK)

Compiled from various sources by PYC Research Team. Data can be accessed through the PYC data center.

