

2050

EU: 0%*

Net greenhouse gas emissions

PARIS AGREEMENT: climate neutrality

2040

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Forecasts of CO₂ emissions reduction:
-60% vs 2005**

Forecasts of CO₂ emissions reduction:
-40% vs 2005**

PARIS AGREEMENT: objective to be determined

2030

EU: 32%

Share of energy from RES
in final gross energy consumption

EU: -43% vs 2005

Reduction of CO₂ emissions

EU: -30% vs 2005

Reduction of CO₂ emissions

EU: 32.5%

Improvement of efficiency
Maximum energy primary
consumption: 1273 Mtoe
final: 956 Mtoe

PARIS AGREEMENT: the second period of the Kyoto Protocol. EU objective: -40% vs 1990 reduction of GHG emissions in all sectors

- determination of national contributions to the EU objective (part of the National energy & climate plan)
- the target level of electricity interconnections: 15%
- 14% share of RES in final energy consumption in transport until 2030
- increasing the share of RES in the heating and cooling sectors (1.3%/1.1% annually)

- Linear Reduction Factor (LRF): 2.2% annually
- Market Stability Reserve (MSR)
- maximum emissions of 550gr CO₂/kWh for generating units on the capacity market

- reduction objective for Poland: 7% vs 2005

- determination of indicative national contributions to the EU objective (part of the National energy & climate plan) and the manner of calculating the amount of energy savings
- Saving of 0.8% of annual final energy consumption every year until 2030 and beyond 2030 in 10-year periods

25% of the EU budget for 2021-2027 to support the implementation of climate objectives
Reduction or elimination of support for high-emission projects

2020

EU: 20%
PL: 15%

Share of energy from RES
in final gross energy consumption

EU: -21% vs 2005

Reduction of CO₂ emissions

EU: -10% vs 2005
PL: +14% vs 2005

Reduction of CO₂ emissions

EU: 20%

Improvement of efficiency
Maximum energy primary
consumption: 1483 Mtoe
final: 1086 Mtoe

PARIS AGREEMENT: the second period of the Kyoto Protocol. EU objective: -20% vs 1990 reduction of GHG emissions in all sectors

RES

ETS SECTOR

Non-ETS SECTOR

ENERGY EFFICIENCY



Energy and climate targets until 2050

WINTER PACKAGE AND THE PARIS AGREEMENT

2049
Review***
- Non-ETS regulation
- National long-term strategy

2048
Review***
- RES directive
- EU ETS directive
- EE directive
- National energy & climate plan

2044
Review***
- Non-ETS regulation
Update:
- National long-term strategy

2043
Review***
- EU ETS directive
- EE directive
Update:
- National energy & climate plan

2039
Review***
- Non-ETS regulation
- National long-term strategy

2038
Review***
- RES directive
- EU ETS directive
- EE directive
- National energy & climate plan

2034
Review***
- Non-ETS regulation
Update:
- National long-term strategy

2033
Review***
- EU ETS directive
- EE directive
Update:
- National energy & climate plan

2029
Review***
- Non-ETS regulation
- National long-term strategy

2028
Review***
- RES directive
- EU ETS directive
- EE directive
- National energy & climate plan

2024
Review***
- Non-ETS regulation

2023
Review***
- RES directive
- EU ETS directive
- EE directive
Update:
- National energy & climate plan

* European Commission proposal of 28 November 2018.

** European Commission analyses for the needs of the "Pure planet for everyone" strategy.

*** Review - detailed assessment of the functioning of current provisions. It may lead to an amendment and raising of previously accepted objectives.