



An EU perspective

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DG CLIMA

Overcome existential threat to Europe and the world

The European Green Deal is our roadmap for **making the EU's economy sustainable**. This can only happen if we turn climate and environmental challenges into opportunities across all policy areas and making the transition just and inclusive for all.



#EUGreenDeal

EU Climate & Energy policy

2008

2011

2014

2015

2016-2017

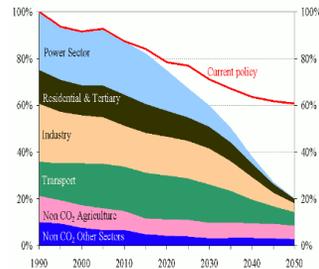
2018

2020

2021

2020 EU Climate and Energy Package

2050 Energy & Low Carbon Roadmaps



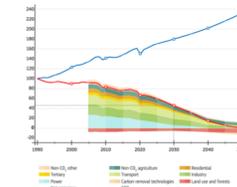
COP21 • CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE

Clean Energy Package

Effort Sharing
ETS review
LULUCF
Mobility Packages
CO2 and cars
Energy Efficiency
Renewable Energy
Electricity Market
Governance



2030 Climate Target Plan



Fit for 55 package

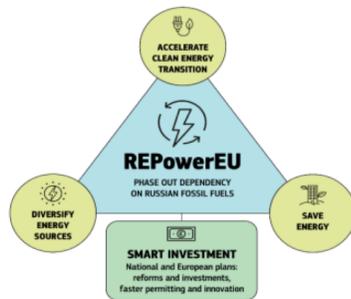
EU Climate & Energy policy

2022

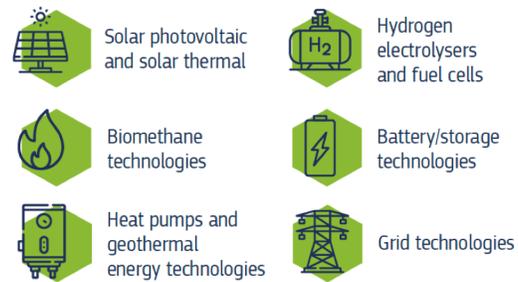
2023

2024

REPower EU Plan



Green Deal Industrial Plan



2040 Climate Target

Fit for 55 package

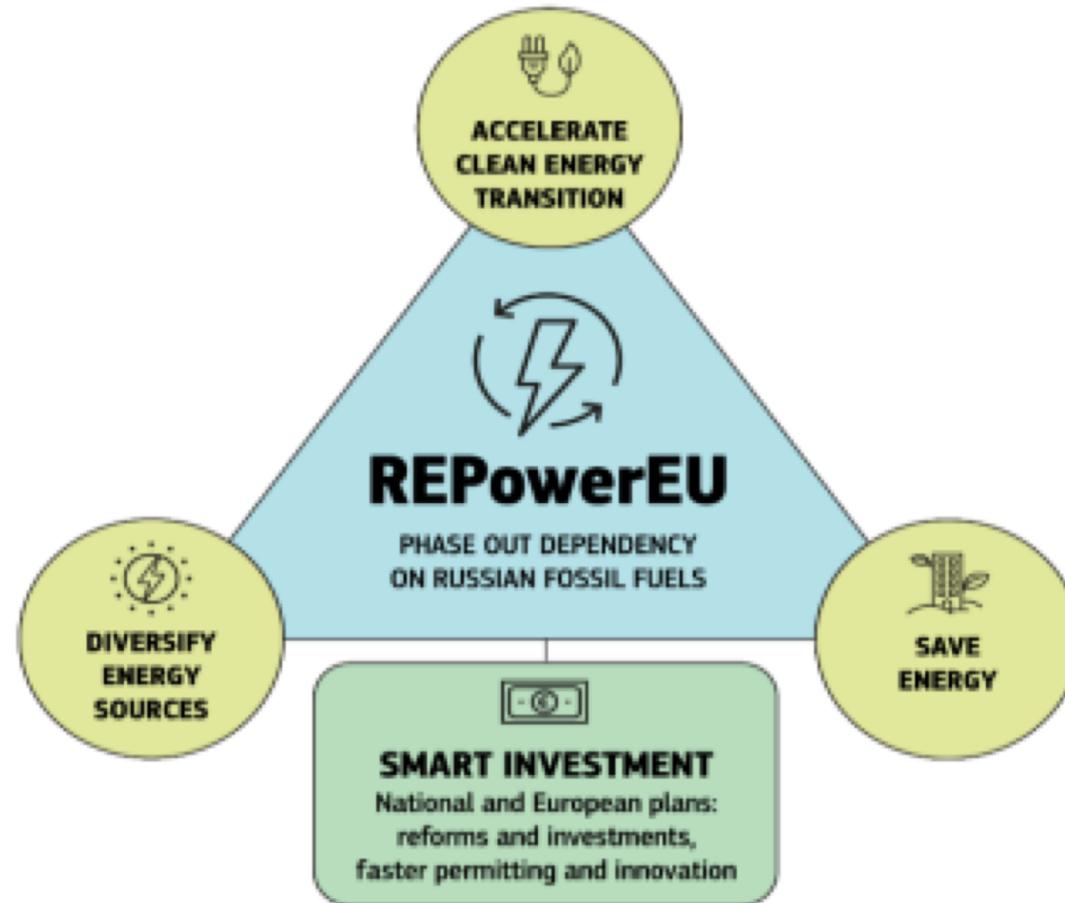
Delivering the 2030 climate mitigation ambition

13 inter-connected proposals that strike a careful balance between pricing, targets, standards and support measures.

Pricing	Targets	Rules
<ul style="list-style-type: none">• Stronger ETS including in aviation• Extending the ETS to maritime, road transport, and buildings• Updated Energy Taxation Directive• Carbon Border Adjustment Mechanism	<ul style="list-style-type: none">• Updated Effort Sharing Regulation• Updated LULUCF Regulation• Updated Renewable Energy Directive• Updated Energy Efficiency Directive	<ul style="list-style-type: none">• Stricter CO₂ performance for cars & vans• New infrastructure for alternative fuels• ReFuelEU: More sustainable aviation fuels• FuelEU: Cleaner maritime fuels
Support measures		
Using revenues and regulations to promote innovation, build solidarity and mitigate impacts for the vulnerable, notably through the new Social Climate Fund and enhanced Modernisation and Innovation Funds		

REPowerEU Plan

Tackling Russian fossil fuel import dependency while meeting our climate ambition



The EU's Green Deal Industrial Plan

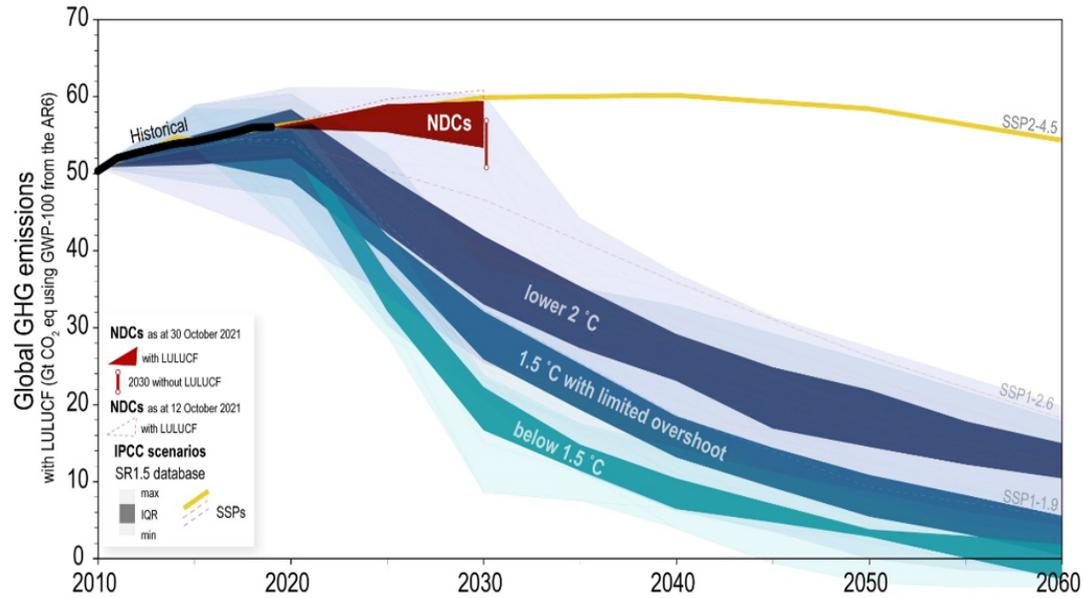
Regulatory certainty

- Net-Zero Industry Act
- Critical Raw Materials Regulation
- Communication on the European Hydrogen Bank
- Reform of Electricity Market Design

Skills

Open and fair trade

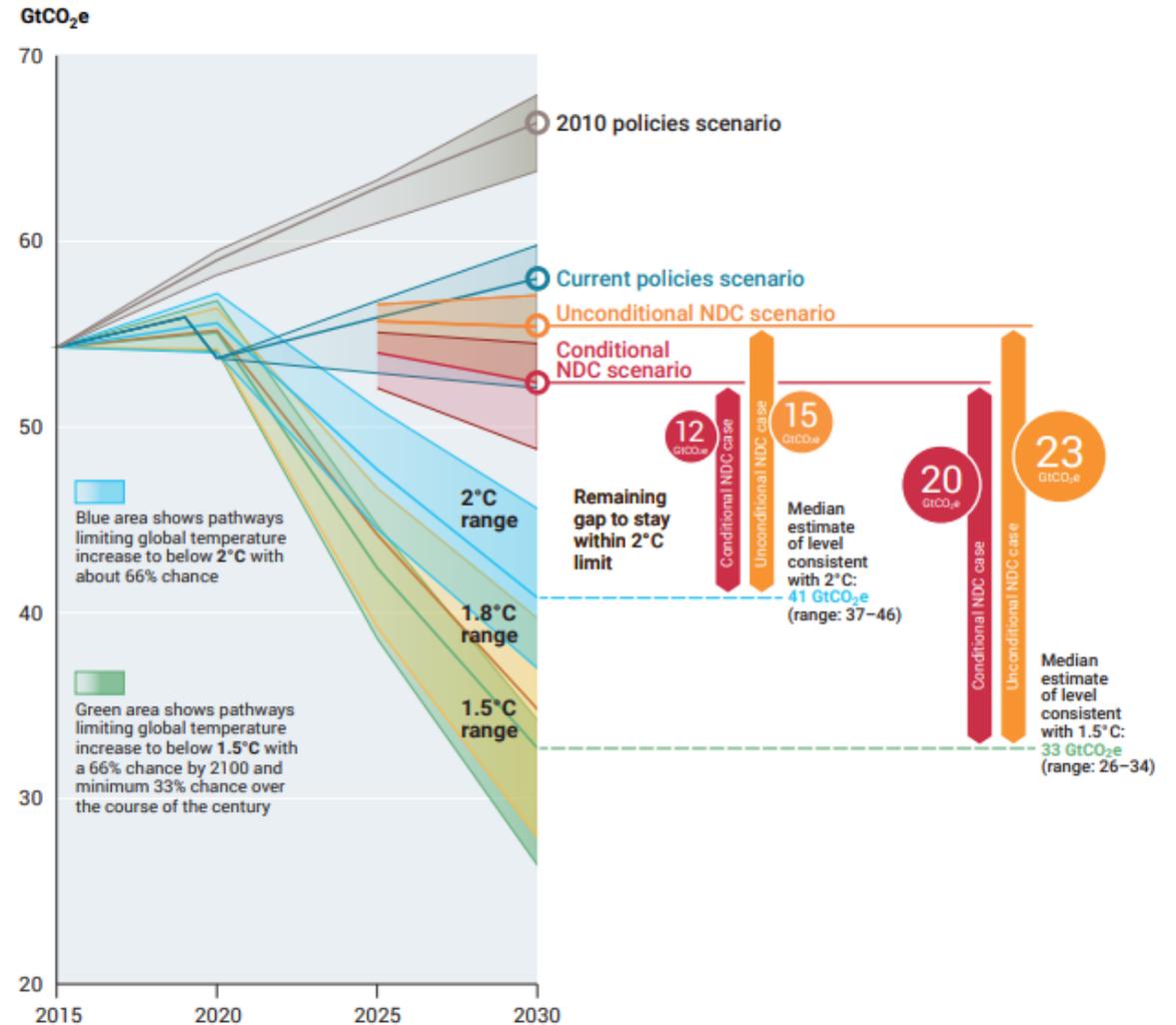
Limited progress in reducing the mitigation ambition gap



Latest updated comparison of global emissions under IPCC SR1.5 scenarios with total global emissions according to NDCs (UNFCCC SR)

COP28: The first Global Stocktake

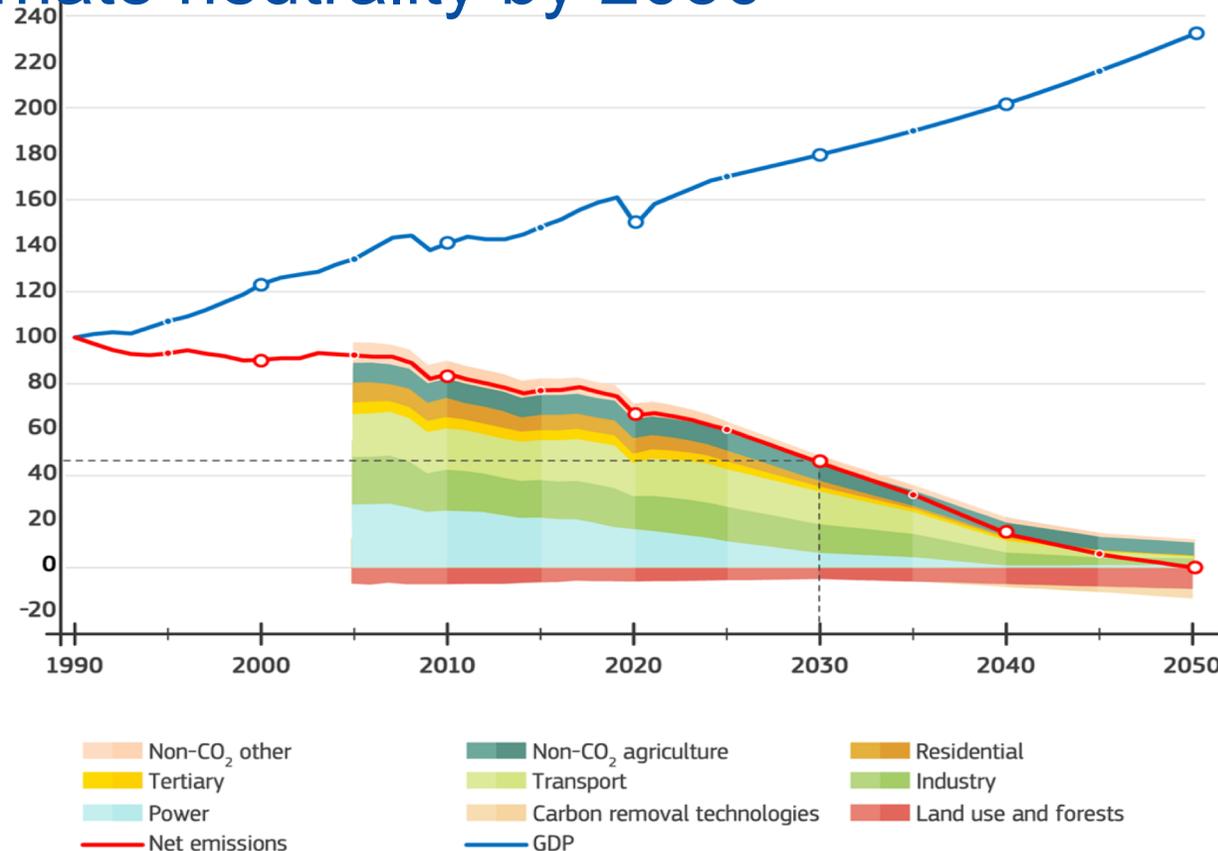
COP30 in 2025: New Nationally Determined Contributions



Global GHG emissions under different scenarios and the emissions gap in 2030 (median estimate and tenth to ninetieth percentile range) (UNEP Gap Report 2022)

EU climate ambition- in European Climate Law

At least 55% net greenhouse gas reductions by 2030 compared to 1990 and climate neutrality by 2050



Setting a 2040 target (article 4)

Climate Law mandates the Commission to propose a **2040 climate target** at the latest **within 6 months after the first global stocktake**

- i.e. spring 2024
- considering Union and national measures, considering the outcomes of the global stocktake
- consistently with the publication of an indicative “GHG budget” over 2030-2050 not putting at risk EU’ s commitment under the Paris Agreement

Thank you!



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