



# ***Multilateral Assessment European Union***

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# EU commitments

- ❑ Pledge under the Convention for EU and its Member States:

Unconditional quantified economy wide emission reduction target of **20% by 2020, compared to 1990 levels**

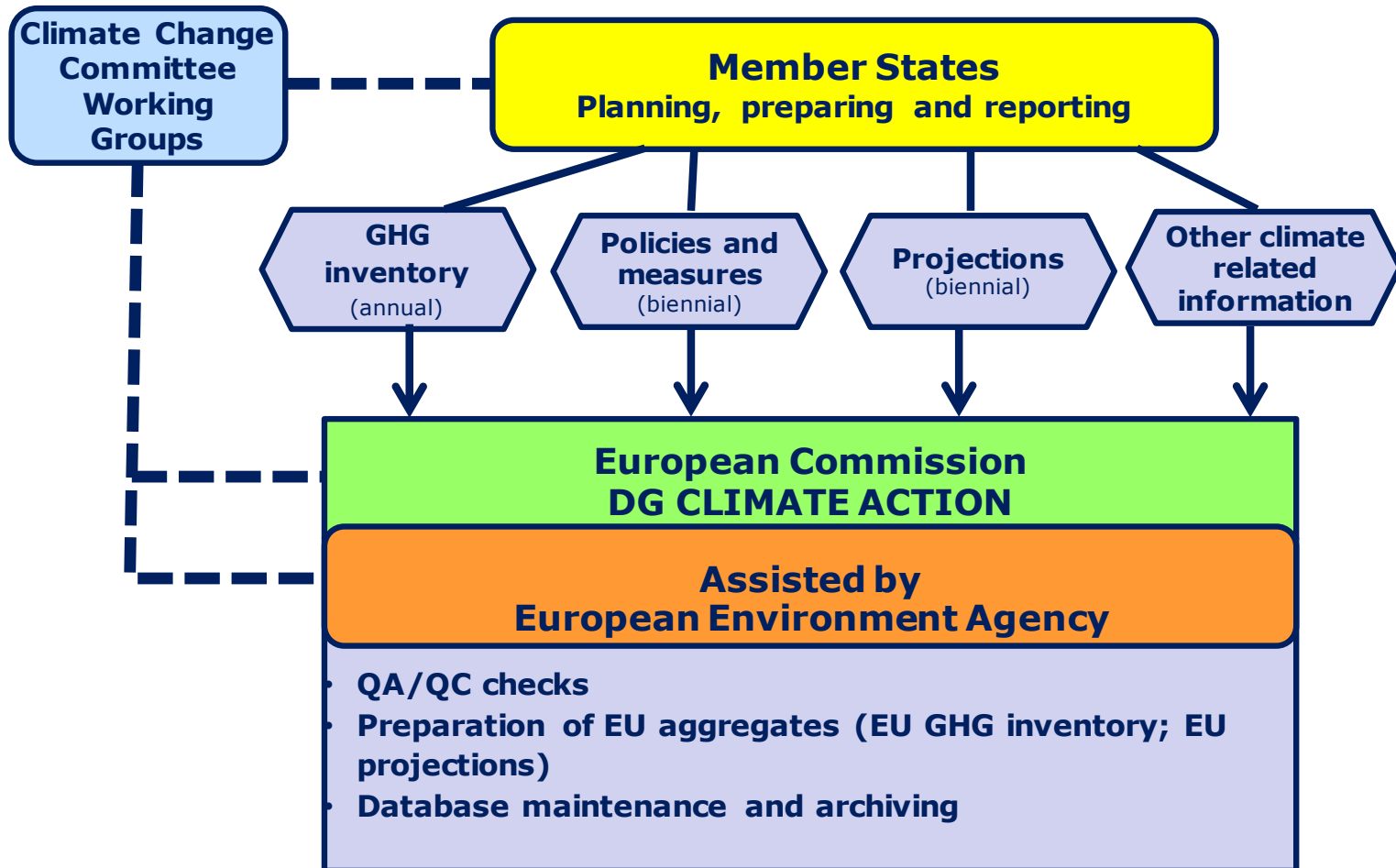
- ❑ Binding commitment under **Kyoto Protocol** (implementing CP2 since 1 January 2013, EU ratification instrument deposited 21 December 2017)

Second Commitment Period: joint commitment of the **EU, its 27 Member States, Iceland, and the UK** to reduce average annual emissions during **2013-2020 by 20%** compared to base year

- ❑ **NDC** under the Paris Agreement – The EU and its Member States are committed to a binding target of an **at least 40% domestic reduction in greenhouse gas emissions by 2030 compared to 1990**



# EU reporting arrangements



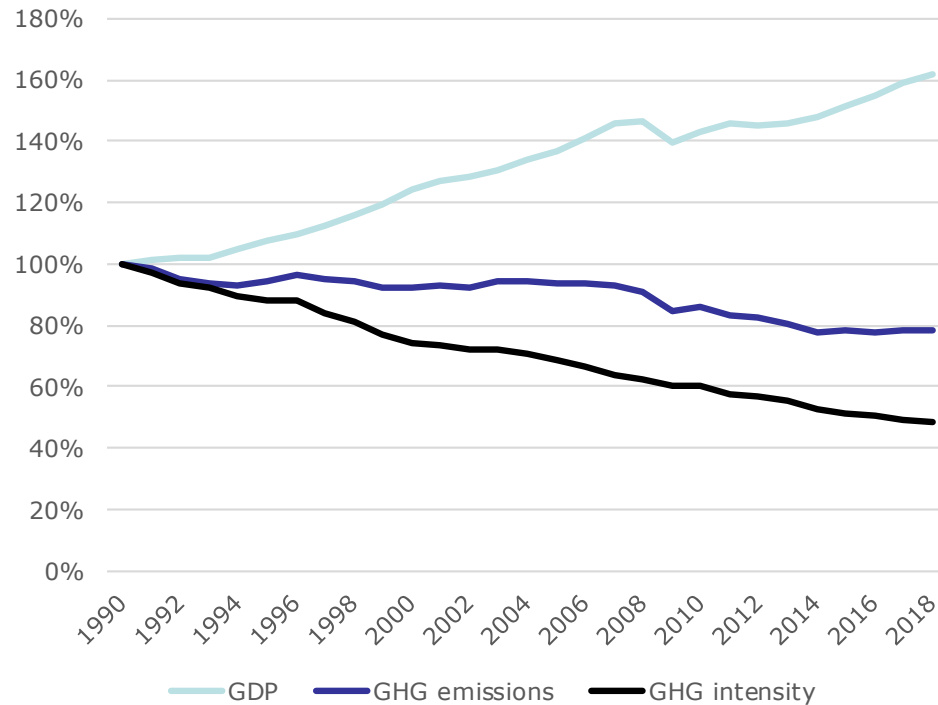


## Architecture of the EU 2020 climate and energy policies

- ❑ Binding EU 20% GHG emission reduction by **2020** compared to 1990
  - EU Emissions Trading System, ETS (around 45% of total emissions): EU wide cap based on harmonized rules: -21 % compared to 2005.
  - Individual Member States 2020 targets for non-ETS sectors (MS policies together with EU legislation such as on CO2 standards from cars and vans, F-Gas, energy efficiency in buildings): -10 % compared to 2005.
- ❑ Binding 20% share of renewable energies in EU gross total final energy consumption combined with national binding targets
- ❑ Non-binding 20% energy saving through more efficient energy use, from transformation to distribution to the final consumer



# Growing EU-28 economy while reducing GHG emissions



**Decoupling** between economic growth and GHG emissions:

- ✓ EU GDP growth 1990-2018: **61%**
- ✓ Emissions decreased by **23%** during the same period
- ✓ GHG emission intensity reduced by half over the period

Source: GDP: EEA based on Ameco / ED DG ECFIN / Worldbank

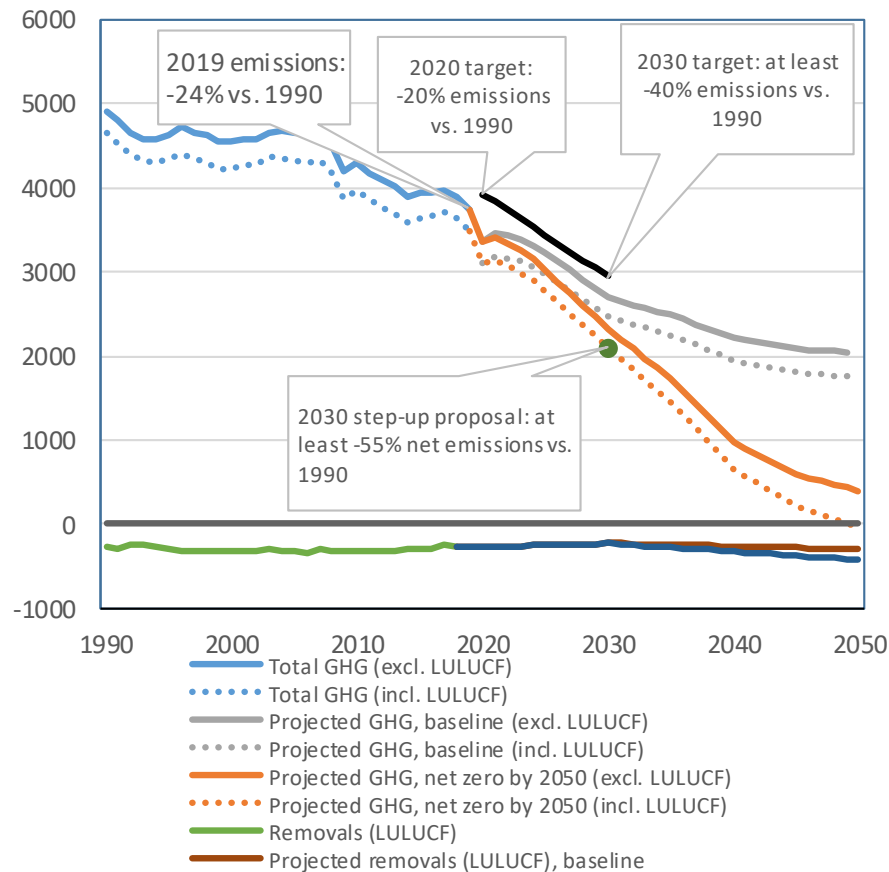


## The Ambition of the EU's current NDC: at least 40 % domestic reduction in GHG emissions by 2030 compared to 1990

- ❑ Total EU emissions in 2030 (WEM) estimated at –30 % compared to 1990 levels ➡ **already halfway.**
- ❑ Key EU **policies and targets for 2030** to achieve at least -40%:
  - EU Emissions Trading System (ETS): **–43%** compared to 2005 levels
  - Effort sharing targets for Member States for non-ETS sectors: collectively **–30%** compared to 2005 levels
  - Land Use, Land Use Change and Forestry (LULUCF): **“no debit”**
- ❑ **At least 32%** share of renewable energies in EU gross total final energy consumption by 2030
- ❑ **At least 32.5%** energy saving by 2030 with more efficient energy use



# EU-27 towards climate neutrality in 2050





# Concluding remarks

- ❑ Successful policies at EU and national levels to cut emissions and meet 2020 targets
- ❑ Significant benefits (decoupling, energy savings, green growth, air quality, jobs)
- ❑ Legislative framework agreed for 2030 and implementation started – EU Member States have finalised their 2021-2030 integrated National Energy and Climate Plans (NECPs)
- ❑ Objective of a climate-neutral EU by 2050
- ❑ New European Climate Law to establish climate neutrality through binding legislation - EU Member States and European Parliament are discussing its approval
- ❑ NDC update under development





**Thank you very much  
for your attention**