



Multilateral Assessment European Union

**First multilateral assessment working group session of the fifth
cycle of the international assessment and review SB59
Dubai 5 Dec 2023**

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EU commitments

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

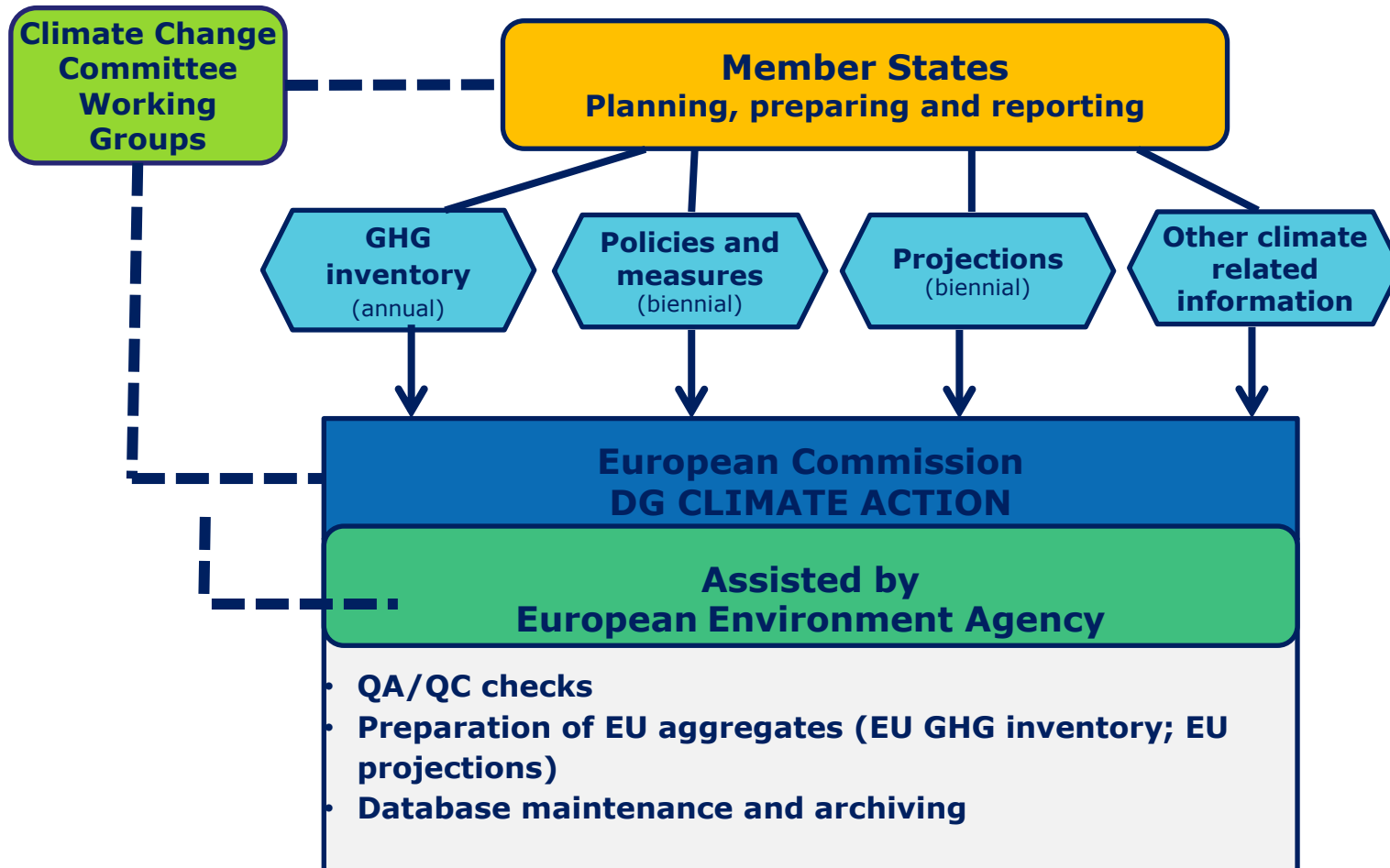
Unconditional quantified economy wide emission reduction target of **20% by 2020, compared to 1990 levels**

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

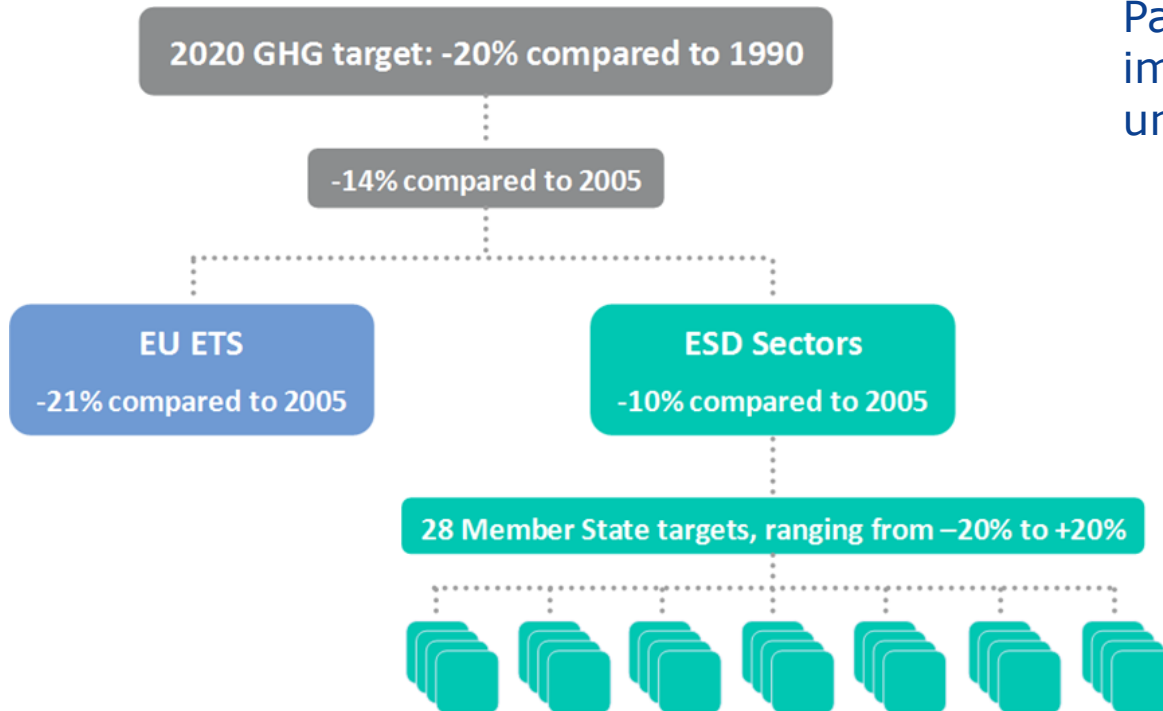
Second Commitment Period: joint commitment of the **EU, its Member States Iceland, UK** to reduce average annual emissions during **2013-2020 by 20%** compared to base year

- ❑ **NDC** under the Paris Agreement – The EU and its Member States are committed to a binding target of an **at least 55% domestic reduction in greenhouse gas emissions by 2030 compared to 1990**

EU reporting arrangements



EU compliance architecture

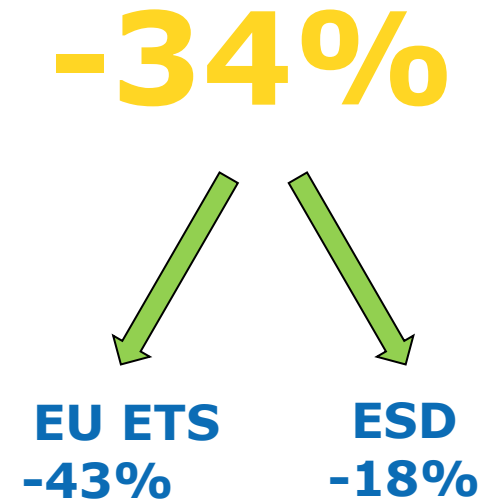
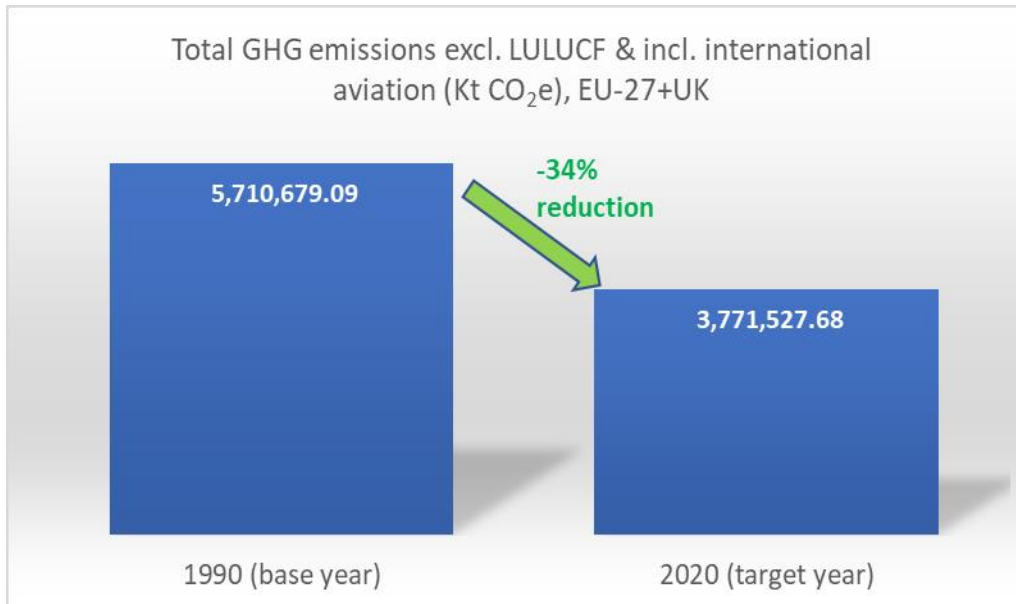


The 2020 Climate and Energy Package underpins the EU implementation of the target under the Convention.

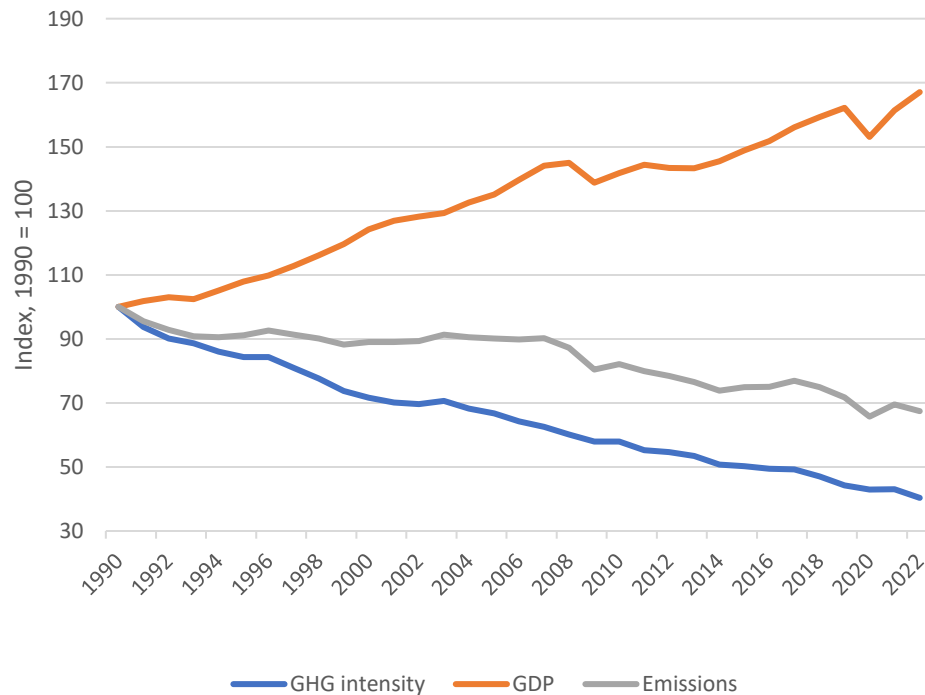
- 21 % reduction target compared to 2005 for emissions covered by the EU ETS (including outgoing flights);
- 10 % reduction target compared to 2005 for ESD sectors

EU 2020 achievement

Final reviewed GHG emissions & inventory-basis for 2020 target



Growing EU economy while reducing GHG emissions



Decoupling between economic growth and GHG emissions:

- ✓ EU GDP growth 1990-2020: **54%**
- ✓ Emission decreased by **34%** during the same period
- ✓ GHG emission intensity reduced by half over the period

Source: European Commission

Note: GDP in 2015 constant prices. GDP of the years 1990-1994 estimated by using EU GDP from World bank database

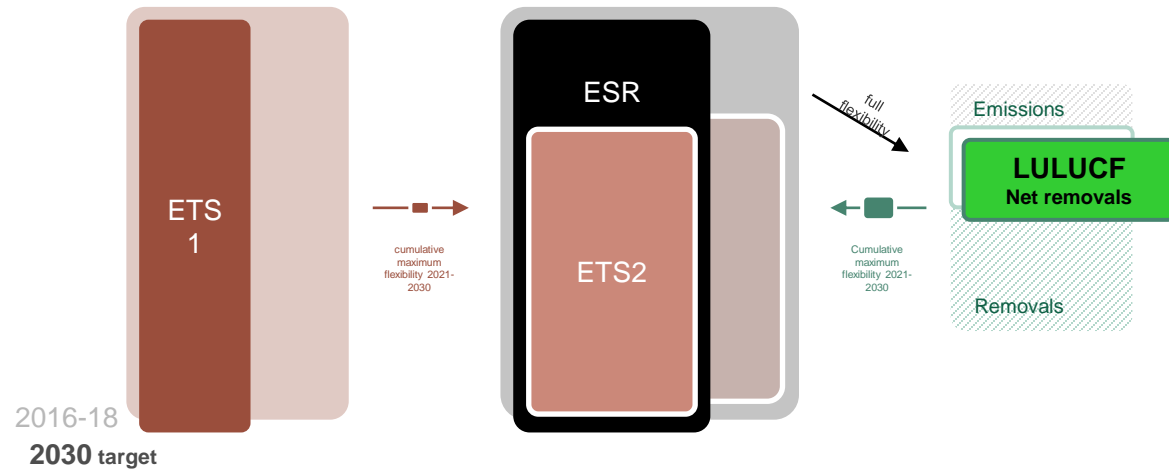
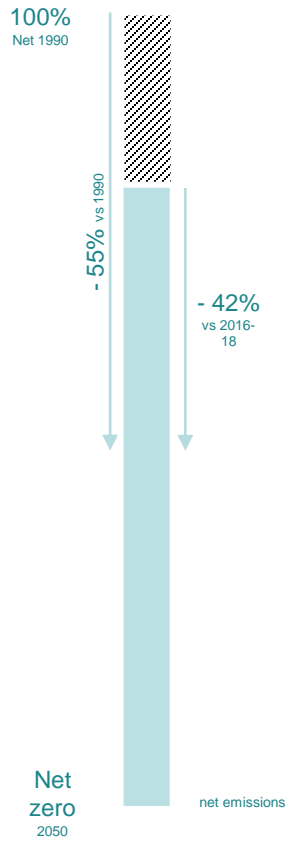
Progress towards EU and its Member States updated NDC at least **55 %** domestic reduction in GHG emissions by 2030 compared to 1990

- ❑ Key EU **policies and targets for 2030** to achieve EU NDC:
 - EU Emissions Trading System (ETS): **-62%** compared to 2005
 - EU ETS for road transport, buildings and others (ETS2): - 42% compared to 2005
 - Effort sharing targets for Member States for non-ETS sectors: collectively **-40%** compared to 2005
 - LULUCF target: **310 MtCO₂eq**
- ❑ **At least 42,5%** share of renewable energies in EU gross total final energy consumption by 2030



European Commission

ETS, ESR and LULUCF in 2030 – a dynamic relationship

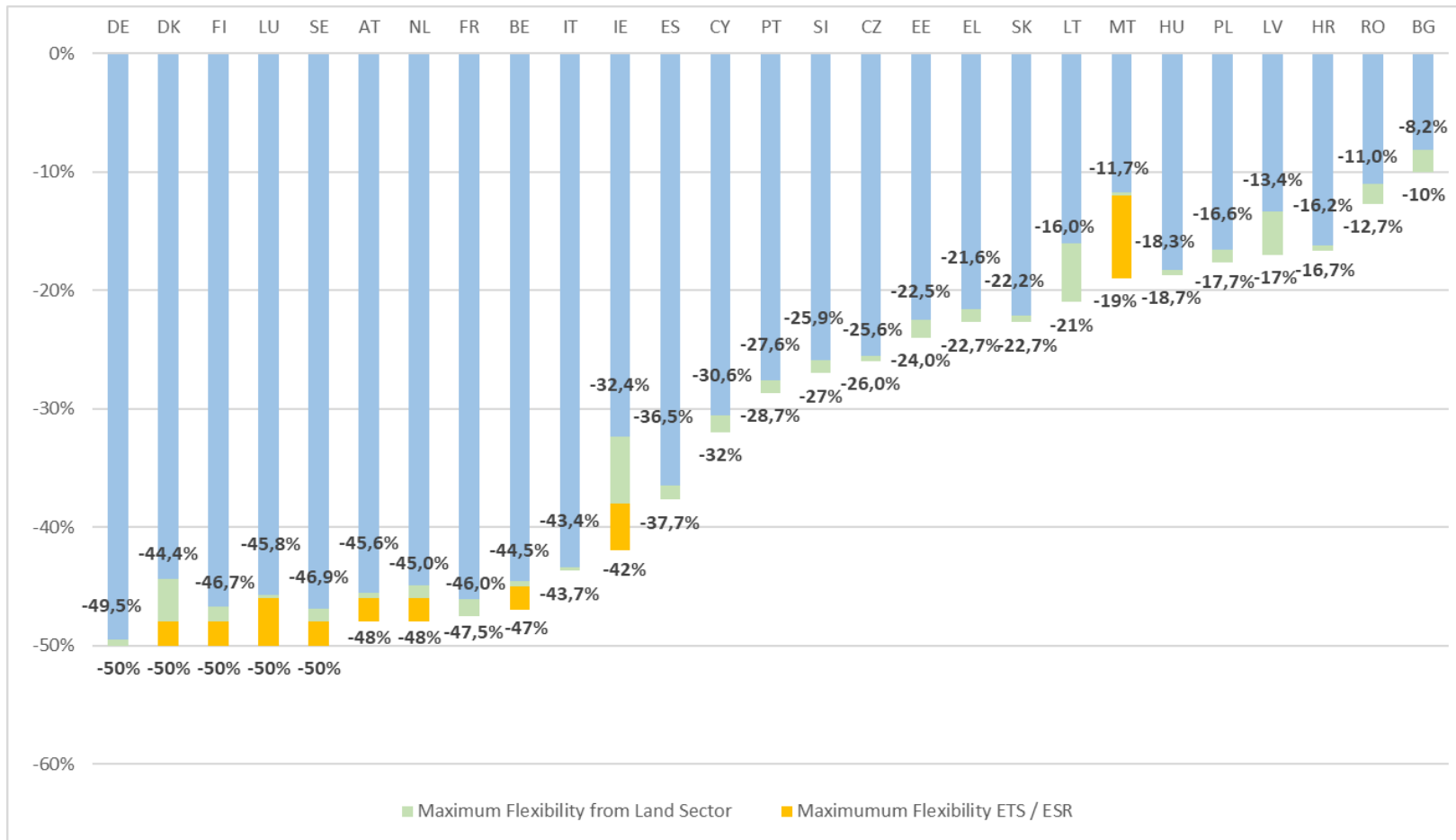


Scale

100 Mt CO₂e

The size of the translucent rectangles indicate the share of EU emissions/removals covered by the respective framework, based on 2016-18 data
The opaque rectangles represent the targets for 2030

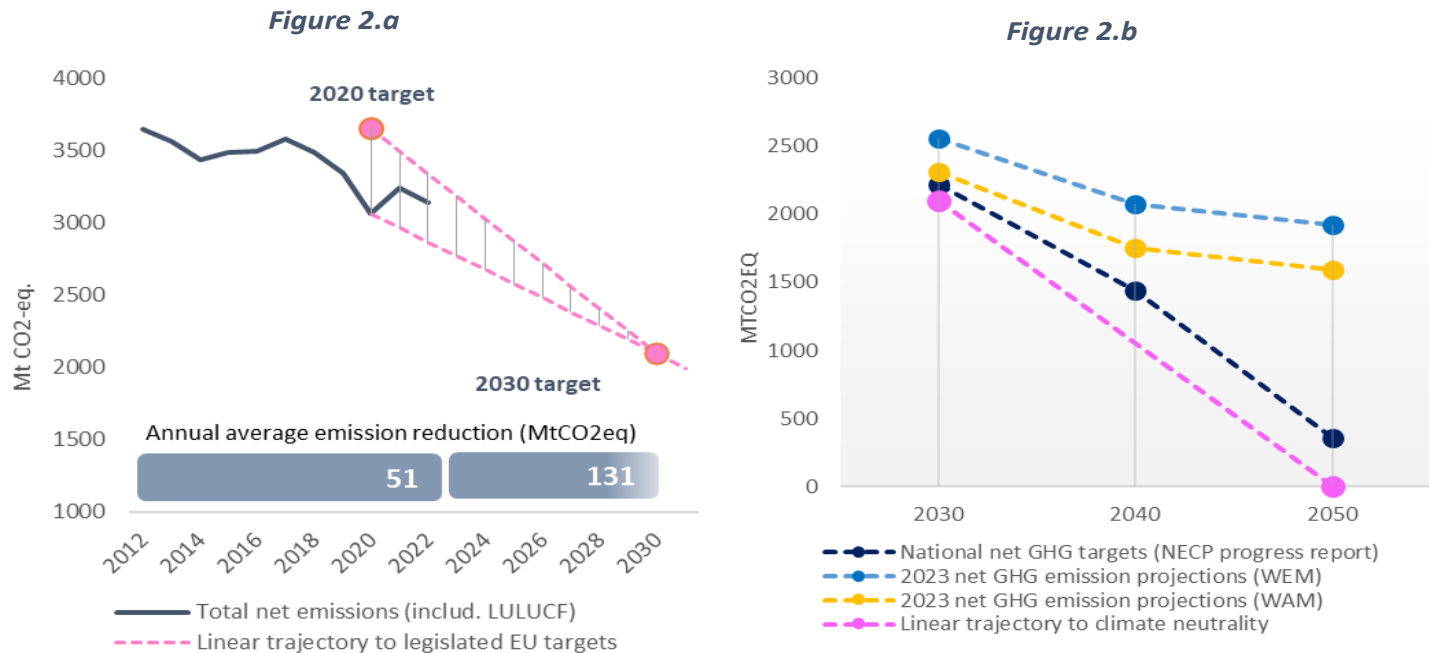
EU Effort Sharing targets



Source: European Commission

Towards the climate neutrality objective 2050

EU GHG net emissions, targets and aggregated Member States' projections



Source: European Commission

Concluding remarks

- ❑ Efficient policies at EU and national levels allowed to cut emissions and meet 2020 targets

- ❑ Significant benefits (decoupling, energy savings, green growth, air quality)

- ❑ EU gears up for 2030
 - Fit for 55 and Climate Law
 - Member States have finalised their 2030 National Energy and Climate Plans (NECPs)

- ❑ ... and towards 2050 – **EU long term strategy**



**Thank you very much
for your attention**