



# ***Multilateral Assessment European Union***

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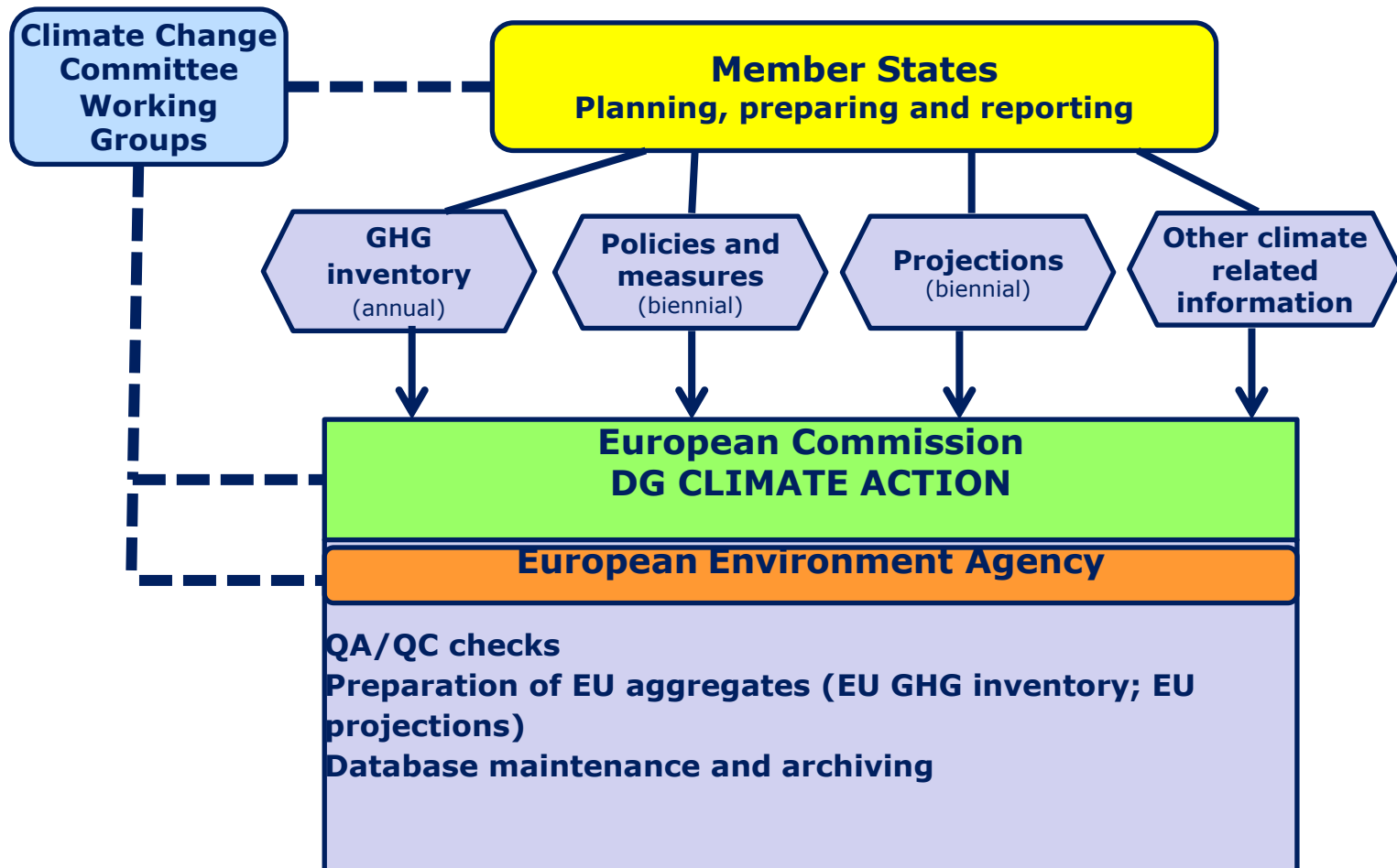


# EU commitments

- ❑ 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 1.01.2013)
  - CP2: joint commitment of the EU, its MS and Iceland to reduce average annual emissions during 2013-2020 by 20% compared to base year
  
- ❑ The EU will continue to deliver on its international obligations through the EU Climate and Energy Package
  
- ❑ (I)NDC communicated 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

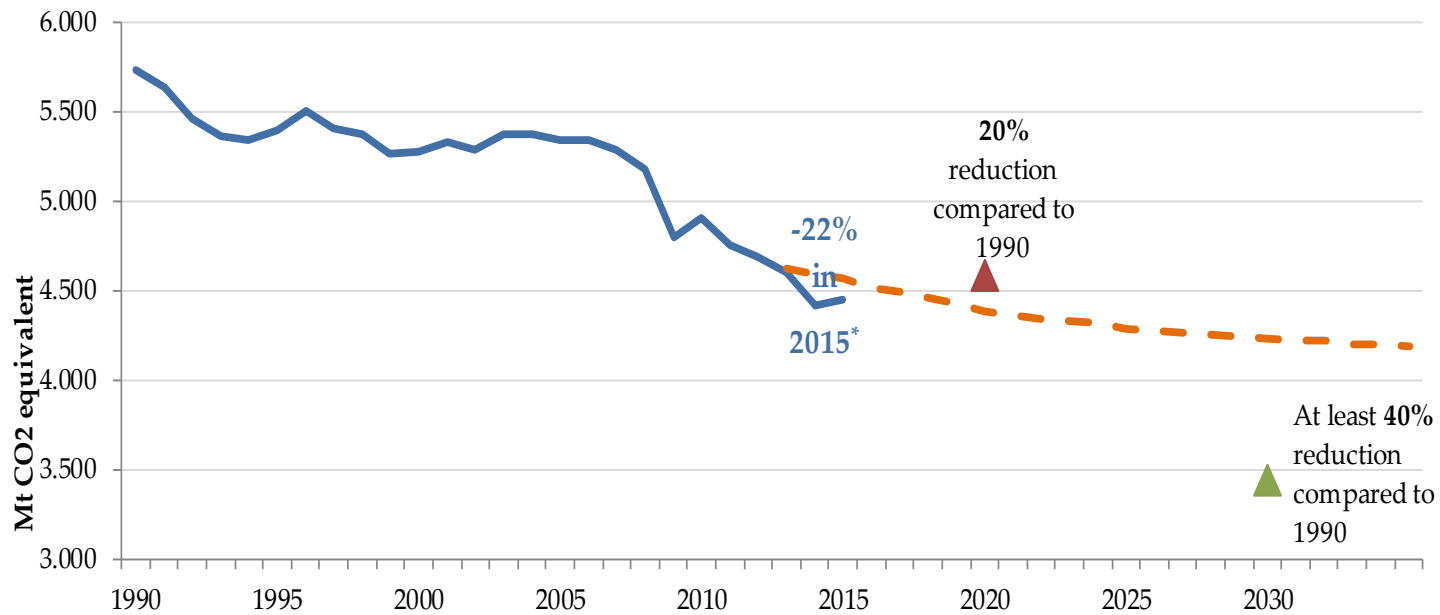


# EU national system





# EU on track to meet its 2020 targets



EU 2020 target	
vs 1990	vs 2005
-20%	-14%

EU 2030 target
vs 1990
-40%

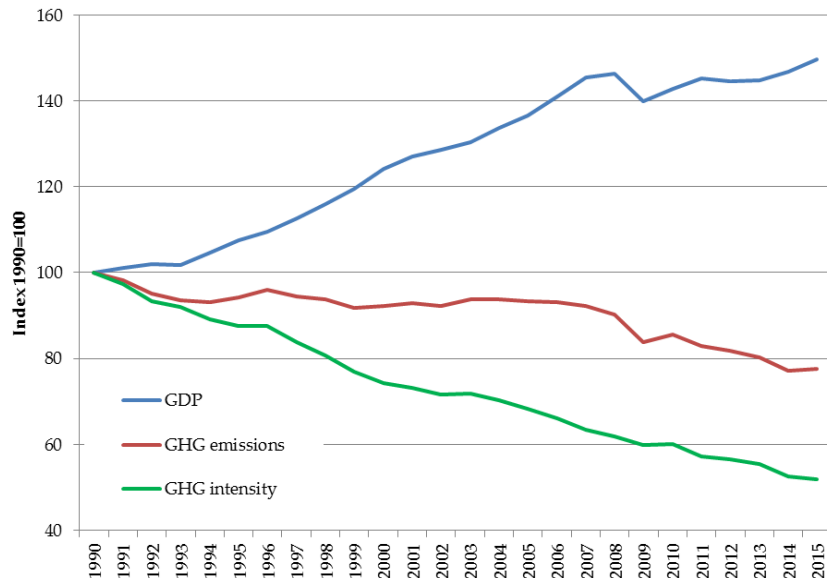
EU current situation	
2015*/2014	2015*/1990
0,7%	-22%

— Historic emissions    - - - Projections with existing measures -WEM- (based on MS submissions)

\*proxy 2015



# Growing EU economy while reducing GHG emissions



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

- ✓ EU GDP growth 1990-2015: **50%**
- ✓ Emission decreased by **22%** during the same period
- ✓ GHG emission intensity reduced by almost half over the period

EU is one of the most **energy efficient economies** in the world

Reduction GHG emissions per capita: from 12 to less than 9 tonnes/capita



## Architecture of the EU policies: Climate and Energy Package

- ❑ Binding EU 20% GHG emission reduction by 2020 compared to 1990
  - EU Emission Trading System (around 40% of total emissions): EU wide cap based on harmonized rules
  - Individual Member States 2020 targets for non-ETS sectors (MS policies together with EU legislation such as on CO<sub>2</sub> standards from cars and vans, F-Gas, energy efficiency in buildings)
- ❑ 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



# Energy Union

## *A Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy:*

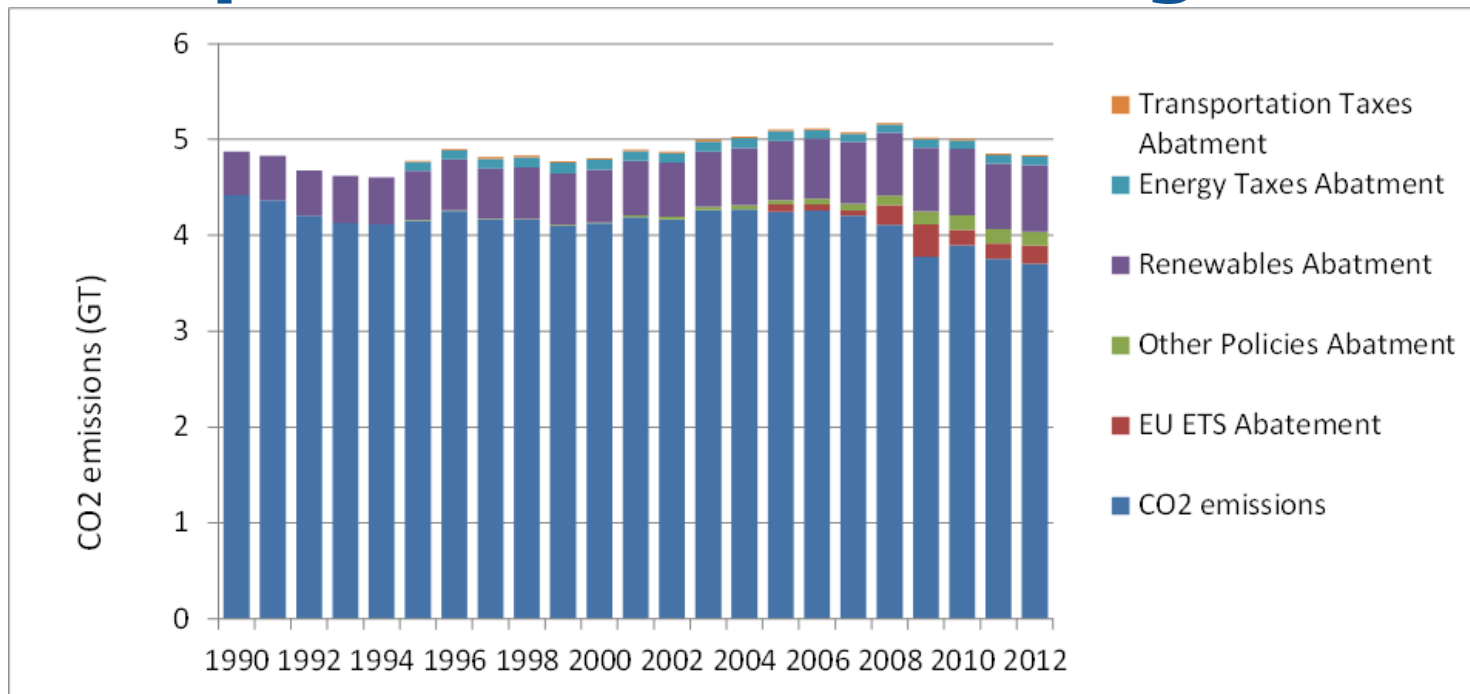
*To ensure that Europe has secure, affordable and climate-friendly energy. Wiser energy use while fighting climate change is both a spur for new jobs and growth and an investment in Europe's future.*

### *5 closely related and mutually reinforcing dimensions:*

- **Security, solidarity and trust**
- **A fully-integrated internal energy market**
- **Energy efficiency**
- **Reducing greenhouse gas emissions and promotion of RES**
- **Research, innovation and competitiveness**



# EU policies are delivering results



- without the climate policies, in 2012, CO<sub>2</sub> emissions would have been 30 % higher than what has been observed.
- renewable development is a decisive factor in reducing emissions
- taxation and the ETS also have an impact on emissions
- climate policy works as it reduces emissions and stimulates the uptake of clean technologies.





# Towards at least 40 % domestic reduction in GHG emissions by 2030

*+ at least a 27% share of renewable energy consumption and at least 27% energy savings compared with the business-as-usual scenario*

*Total EU emissions in 2030 (WEM) estimated at 26 % below 1990 levels*

*New mitigation policies are needed and are being put in place*

- **Proposal for EU ETS phase 4**
- **Proposal for an Effort Sharing Regulation**
- **Proposal on integrating LULUCF within the 2030 framework**
- **Upcoming proposals on revising legislation on energy efficiency and renewable energy**
- **European strategy for low-emission mobility**
- **F-gas regulation (already adopted)**



# 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)
- ❑ EU gears up for 2030



**Implementing the Paris Agreement  
Progress of the EU towards  
the at least -40% target**



**Thank you very much  
for your attention**