



European
Commission



2030

FRAMEWORKfor**CLIMATE&ENERGY**

#EU2030

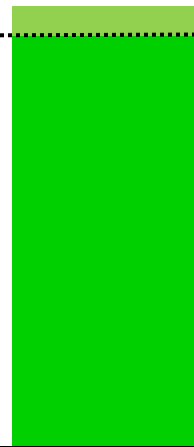
Europe is on its way to meeting its 2020 targets

Reduce greenhouse
gas levels by 20%



Estimate
in 2020:
-24%

Increase share of
renewables to 20%



Estimate
in 2020:
21%

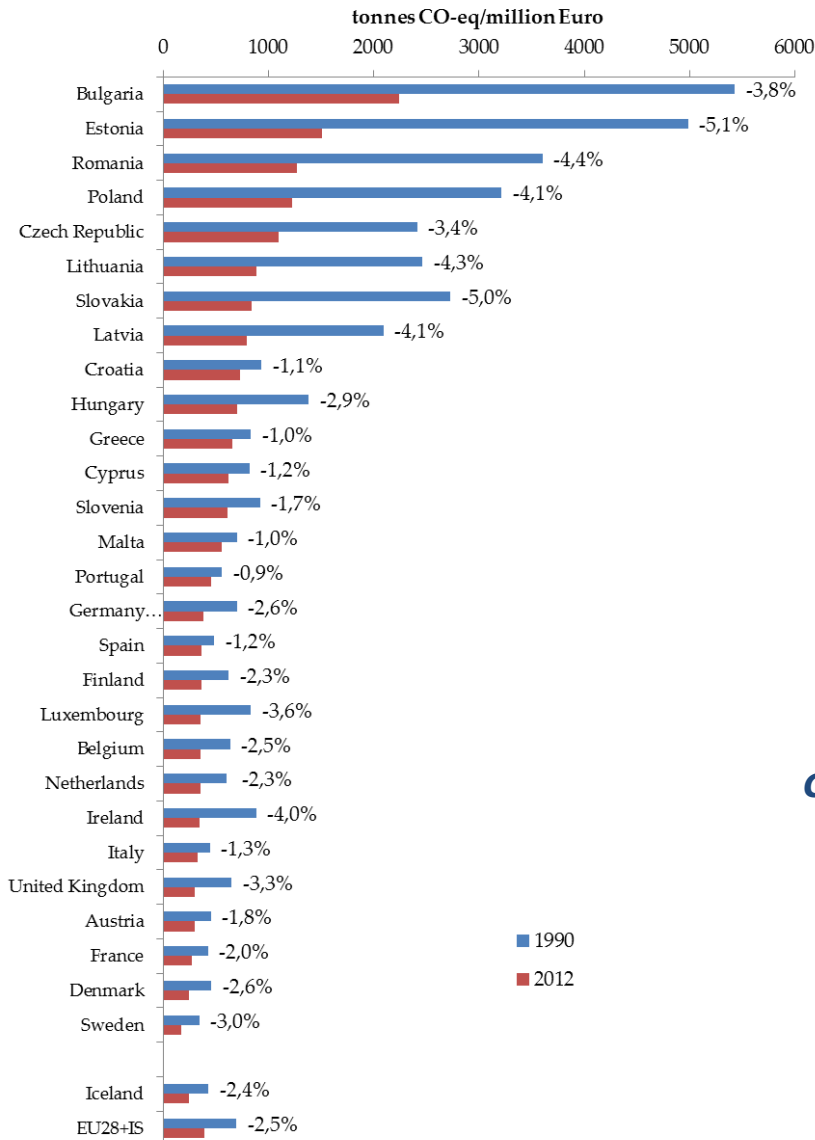
Reduce energy
consumption by 20%



Estimate
in 2020:
-17%



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State of play

**-18% GHG reductions 2012
Strongly decreasing GHG
emissions intensity 2012/1990**

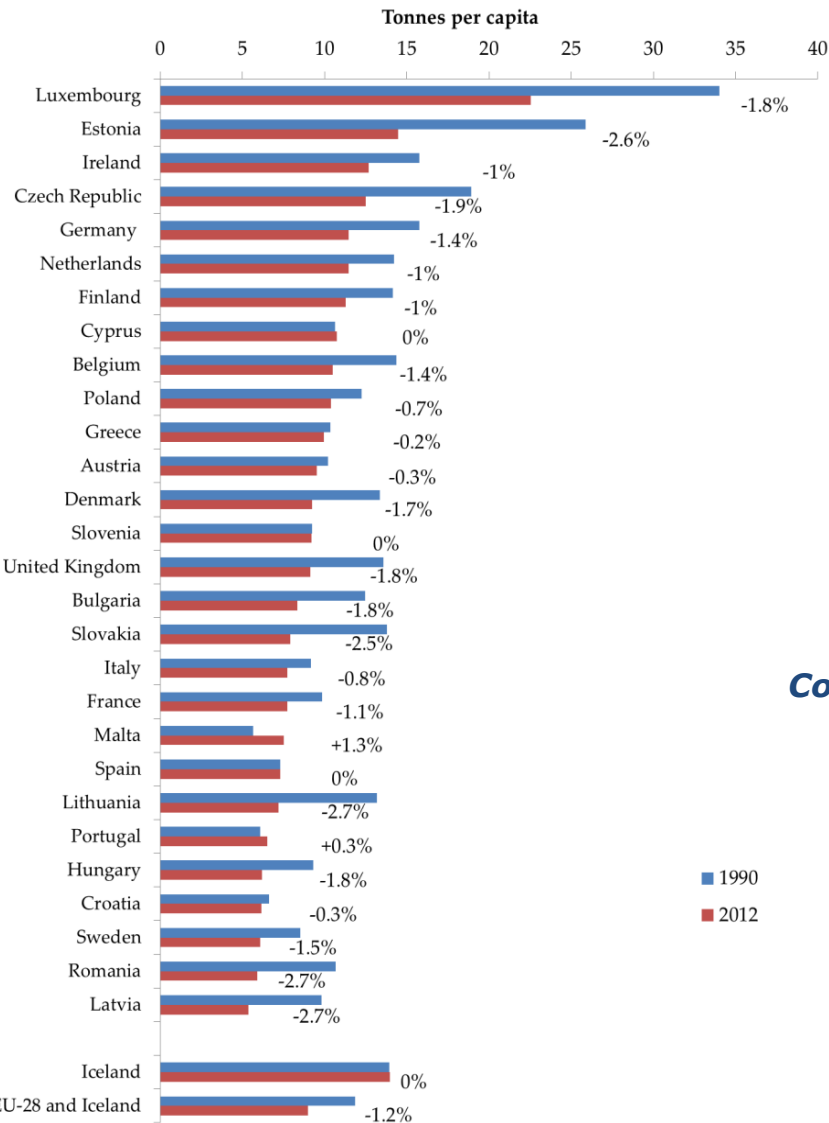
Percentages reflect annual average indicator improvements

Convergence between MS during period 1990-2012:

- **1990: range from [340 – 5400] tCO₂ eq/mil €**
- **2012: range from [170 – 2200] tCO₂ eq/mil €**



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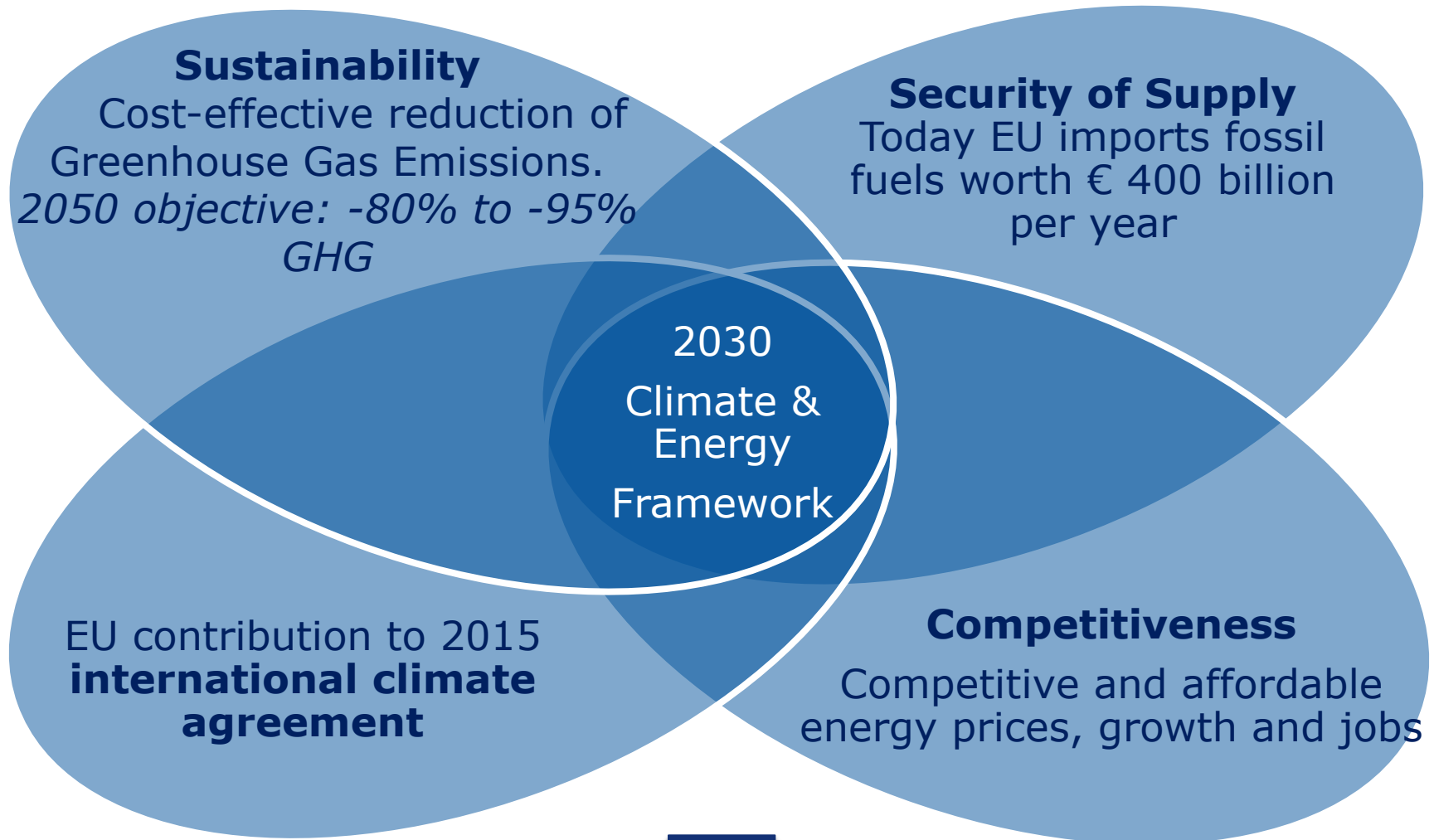
EU's GHG emissions per capita decreased by 24% from 1990 to 2012

*Percentages reflect annual average indicator
improvements*

Convergence between MS during period 1990-2012:

- **1990: range from [5,6 – 34] tCO₂ eq per capita**
- **2012: range from [5,4 – 22,6] tCO₂ eq per capita**

Multiple objectives of the 2030 framework



Commission proposal: A renewed ambition for 2030

2020

**20%
greenhouse
gas reduction**

**20%
renewable
energy**

**20%
energy
savings**

2030

**40%
greenhouse
gas reduction**

**≥27%
renewable
energy**

**30%
energy
savings**

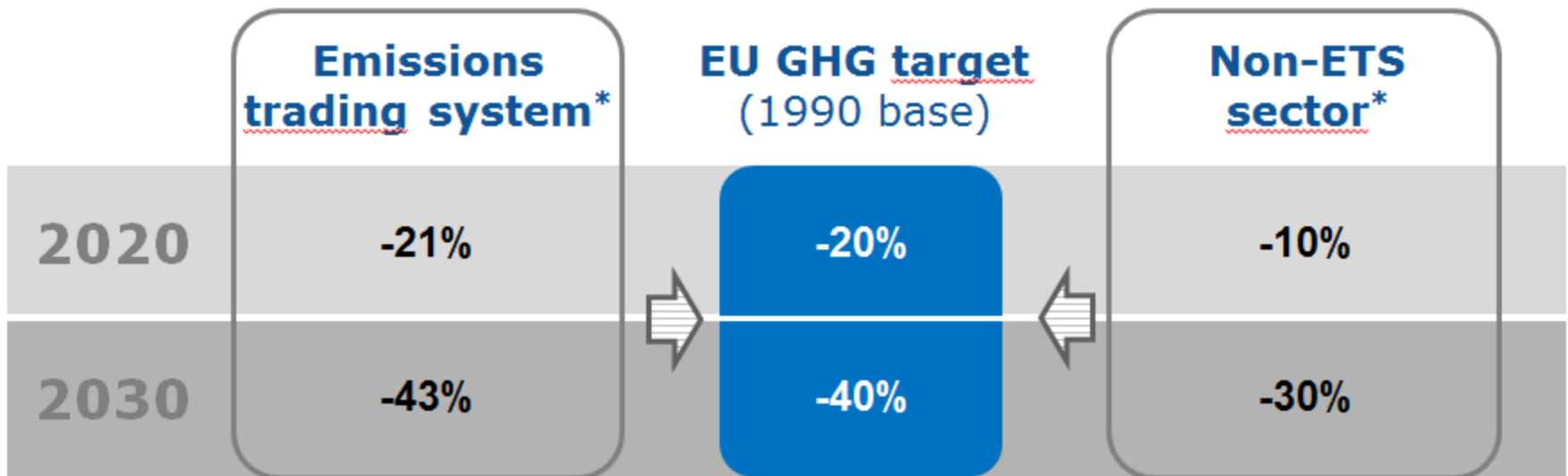
**Dedicated
governance**

National plans

Common indicators

Monitoring

A cost effective reduction in emissions



HOW?

- 'Cap and trade'
- Market stability reserve
- Protection against carbon leakage

- Effort-sharing through binding national targets
- Support measures (e.g. standards)

Main challenges...

Energy costs

- **Increasing** in any event: renew **ageing** energy system, rising fossil **fuel prices**, adherence to **existing policies**

Additional **investments** to achieve 2030 framework

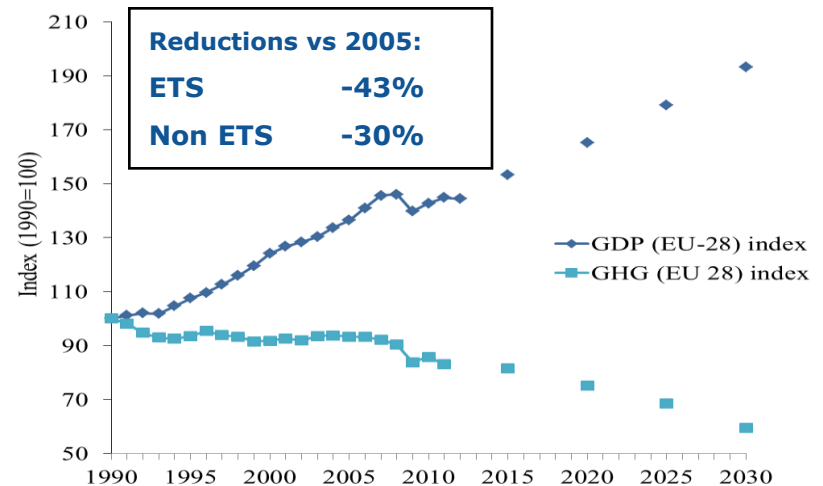
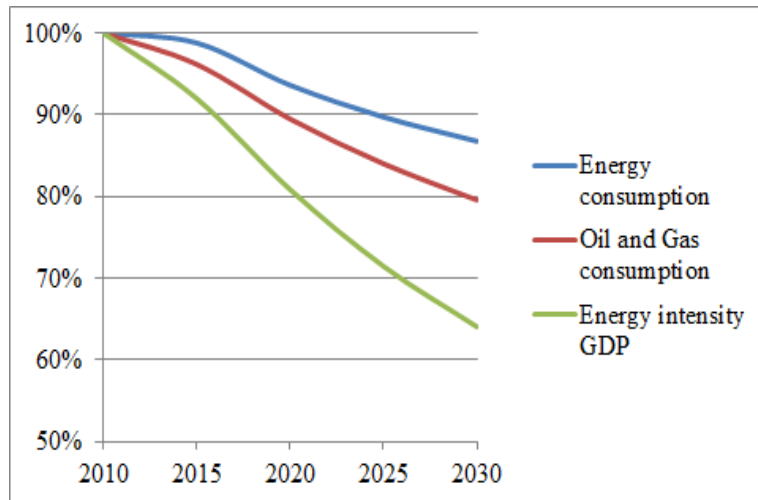
- Shift away from **fuel expenditure** towards investments, additional **€ 38 billion** investment/year 2011-2030 compared to the reference scenario

Differences between Member States

- Future discussion will have to be centred on how to ensure an **equitable burden sharing** affordable for all

...and benefits

- Decoupling of Gross Domestic Product growth from Greenhouse Gas Emissions will continue



- Fuel savings:** additional € 18 billion fuel per year next 2 decades
- Energy security:** additional 11% cut in energy imports in 2030
- Innovation:** jobs & growth
- Health and air pollution benefits:** €7-13.5 billion in 2030

Next steps at EU level

- **23-24 October 2014 European Council:** final decision on 2030 framework, including on measures aimed at enhancing energy security and on specific 2030 interconnection objectives
- **Emissions Trading System proposal:** co-decision procedure
- Development/implementation of new governance structure
- Competitiveness and energy security indicators



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Thank you for your kind attention!

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