

# Delivering policy clarity – the 2030 policy framework

**Klaus-Dieter Borchardt**  
**Director DG Energy**  
**European Commission**



# Agreement on 2030 framework essential for:



Investment security



Economic recovery  
and energy security



UN-Climate Change  
Agreement, Paris 2015

## Challenges in meeting 2020 targets - to be considered in the 2030 framework

More competitive global environment

Massive **investment** needs in difficult economic context

**Cost-effective RES** and grid stability

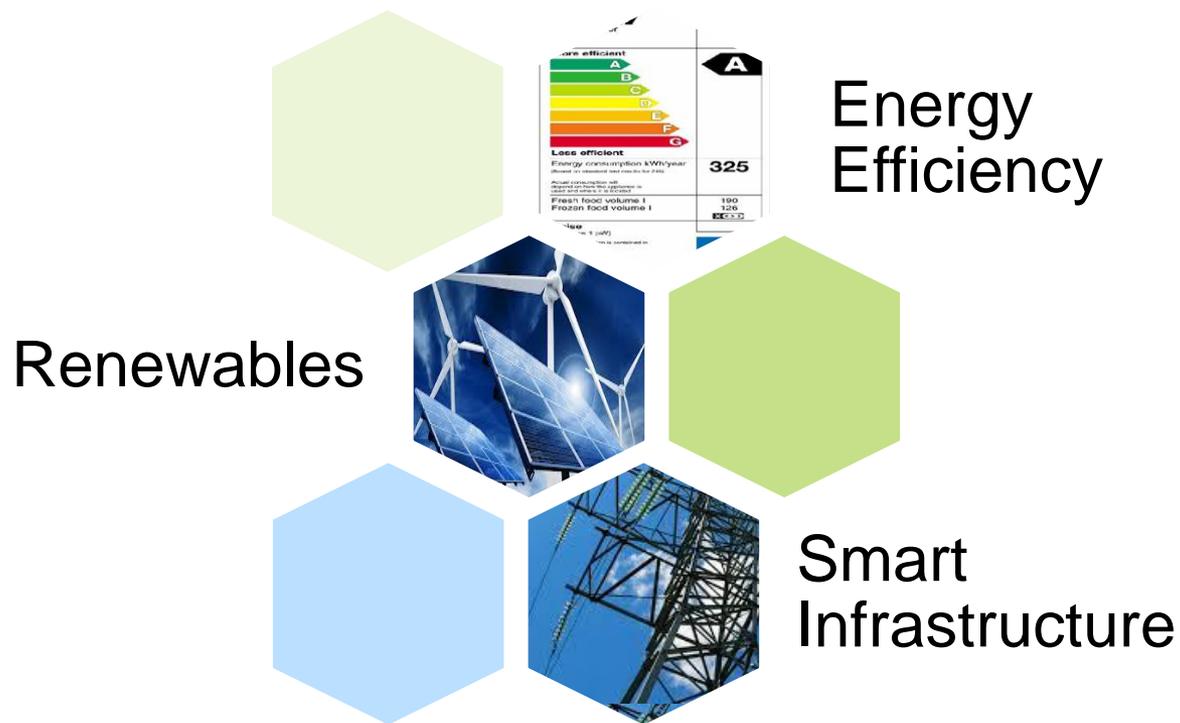
**ETS** to provide investment signals

Concerns about **energy prices** and **energy security**



European  
Commission

## "No Regrets" options from the Energy Roadmap 2050





European Commission

## A new context emerged since 2007

### Impact of the financial crisis

Fall in private investment, tight financing conditions

### Fukushima



Some countries phase out nuclear power production

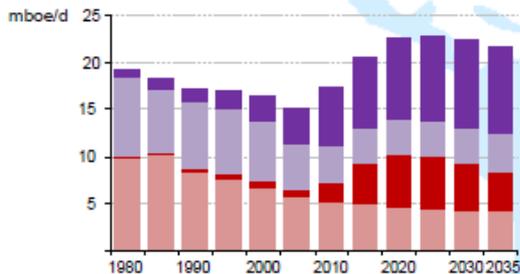
Rising demand  
➔ rising prices

By 2030, world economy set to double and energy demand to rise by 1/3

### Shale gas

US oil and gas production

Unconventional gas	Conventional gas
Unconventional oil	Conventional oil



Source: IEA



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# The three EU policy objectives

**Competitiveness**

Smart infrastructure

Competitive markets

Diversified supply

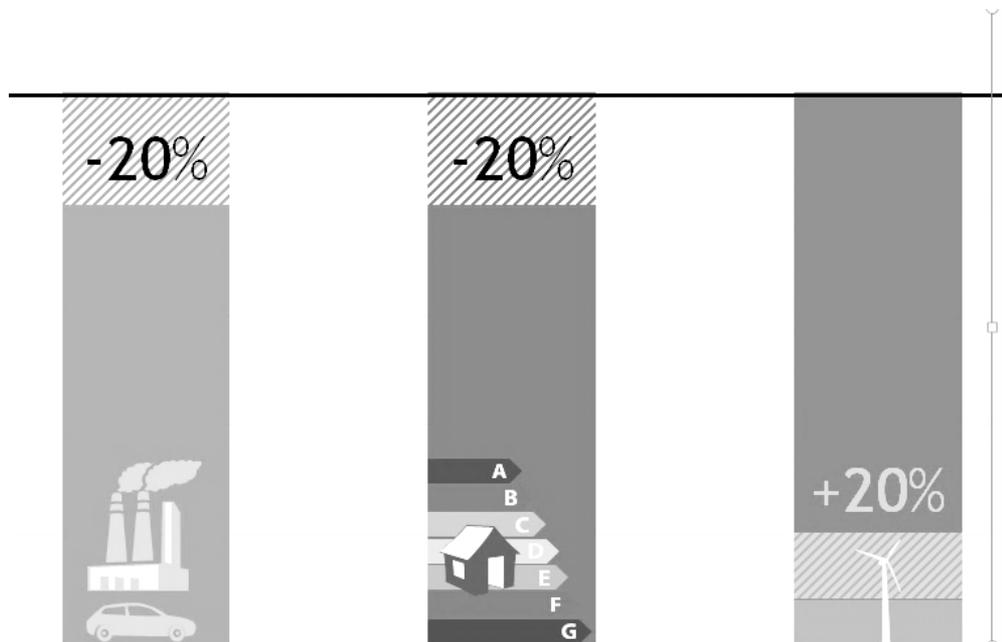
Energy efficiency

Renewable sources

**Security of  
supply**

**Sustainability**

# On targets

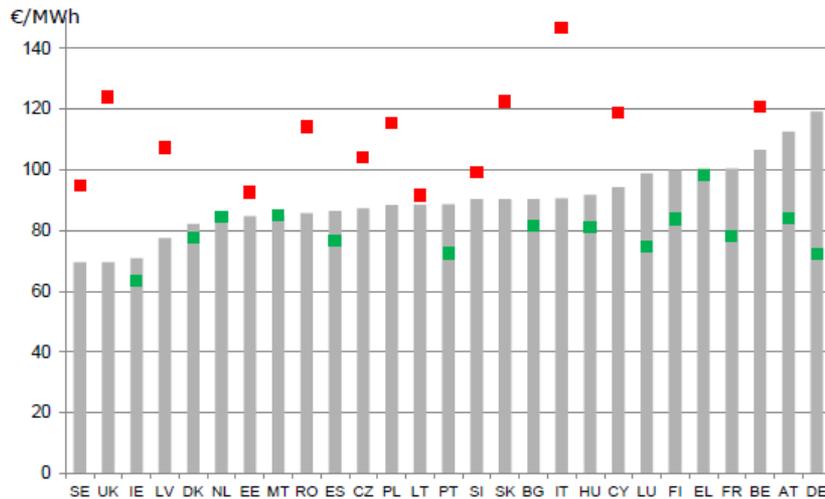


# On instruments

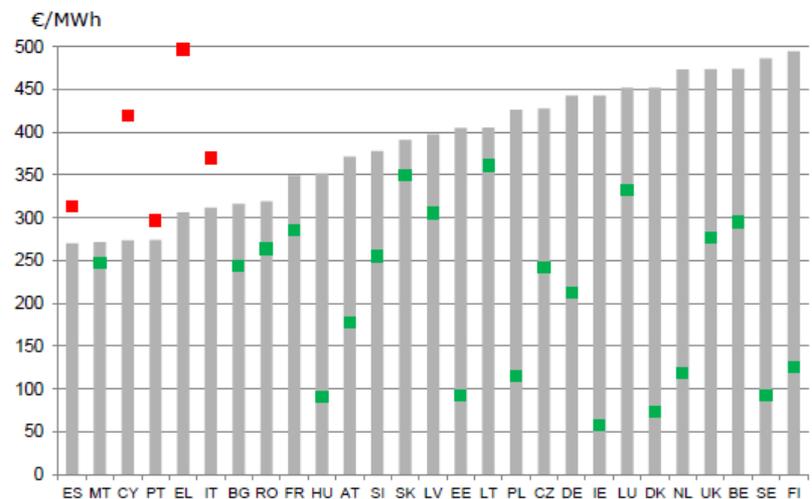
## Production costs versus subsidies for renewables (averages, in €/MWh, latest year available)

■ Production costs      ■ Subsidies over production costs      ■ Subsidies below production costs

### Wind energy on-shore

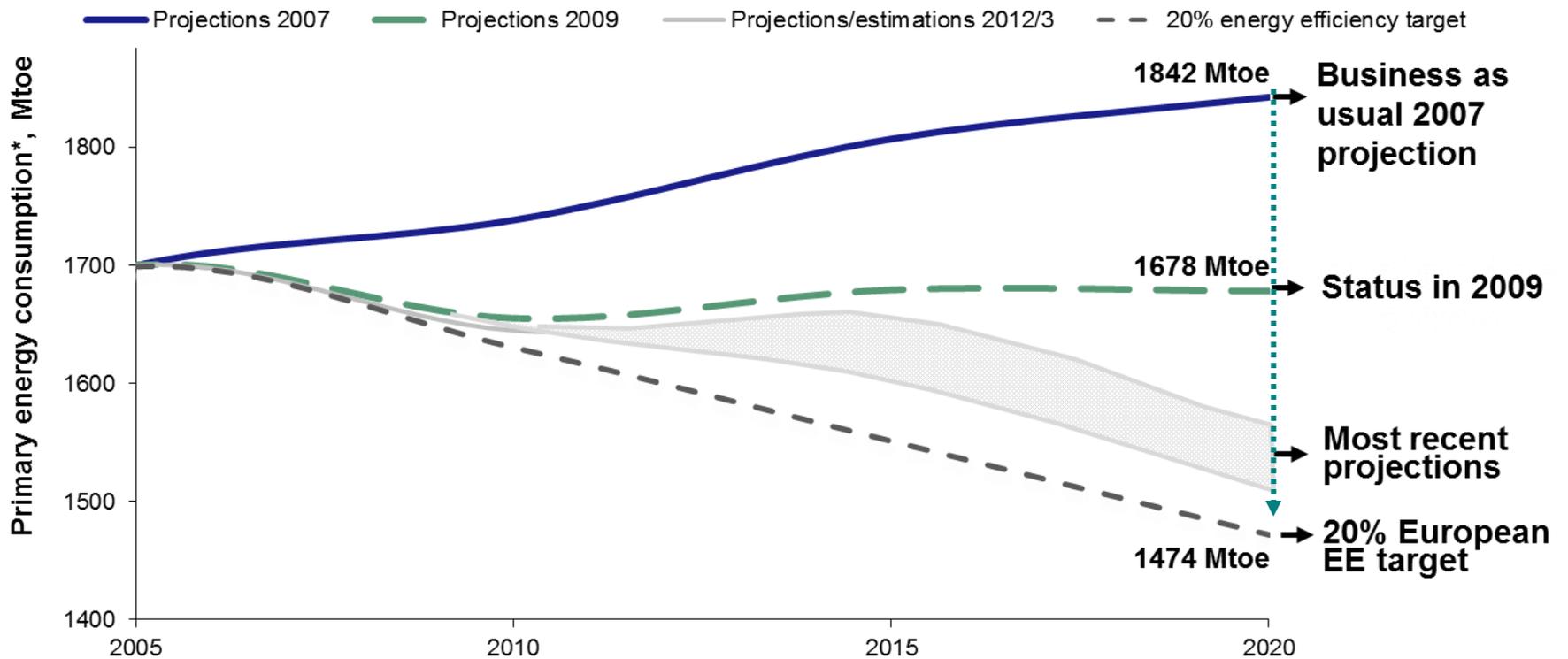


### Solar energy (photovoltaics)



# On energy savings

Trends in primary energy consumption compared to EU target in 2020 (1474 Mtoe)



Encouraging recent developments - more results in Commission's '2014 report' on the progress towards the EU target (due June 2014)

# Conclusions

- Key issues for 2030
  - Targets
  - Coherence of policy instruments
  - Fostering competitiveness
  - Acknowledging the different capacity
- Decisive moment for EU Energy Policy
  - Are MS really behind the EU-Policy?

# Thank you for your attention!

More information available under:

[http://ec.europa.eu/energy/green\\_paper\\_2030\\_en.htm](http://ec.europa.eu/energy/green_paper_2030_en.htm)