

Climate and energy priorities for Europe the the way knise Europa komission of the way forward Euroopan komissio Commission européenne Coi Présión Europeia Comisia Europeia Commission européenne Coi Presentation of J.M. Barroso

a Kommission a kommissionen Европейска комисия Evrops President of the European Commission, Commission Comisión Europea Europa to the European Council of 20-21 March 2014 ópai Bizottság Commissione europea Europos Kor io K ie Komisja Europejska Comissão Europeia Comisia Eur Omissi лтissionen Европейска комисия Evropská komise E νωπαϊκή Επιτροπή European Commission Comisió



Europe's priorities

Our goals

Competitiveness



Sustainability

Why now?

Predictability for policy-makers and investors

Need for cost-effective and joint solutions

Speaking with one voice

supply

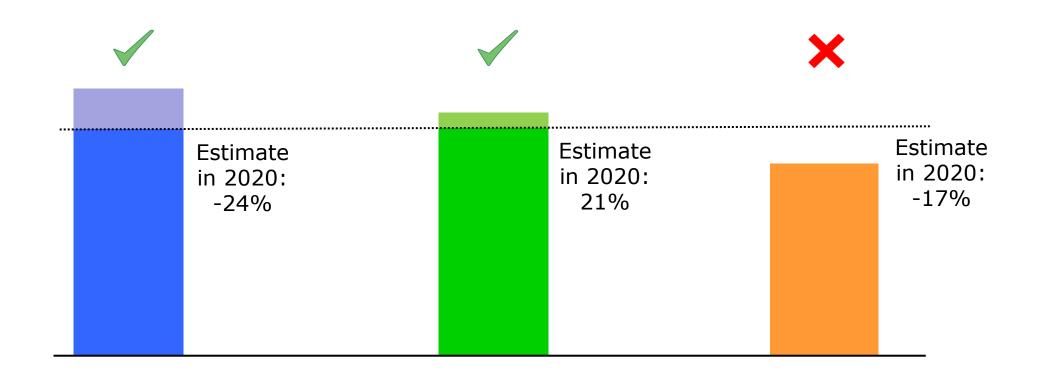


Europe is on its way to meeting its 2020 targets

Reduce greenhouse gas levels by 20%

Increase share of renewables to 20%

Reduce energy consumption by 20%

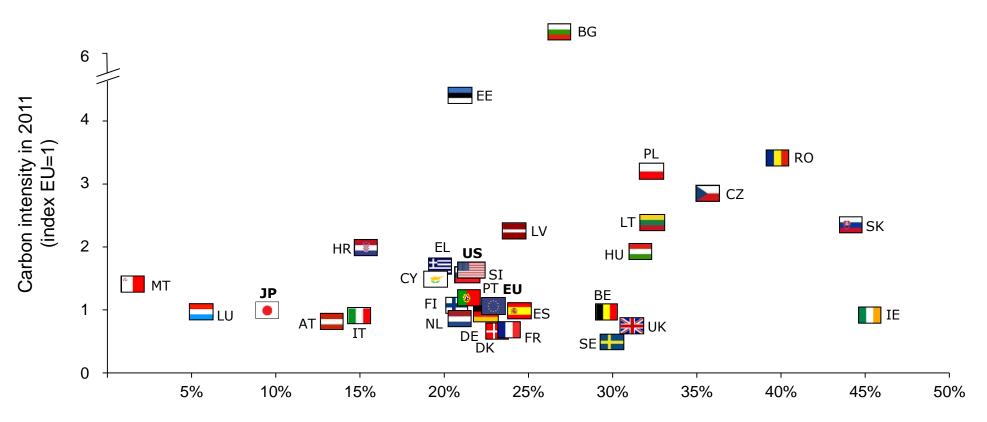




Progress is visible at national level

Carbon intensity, by country

(greenhouse gas emissions / real GDP)

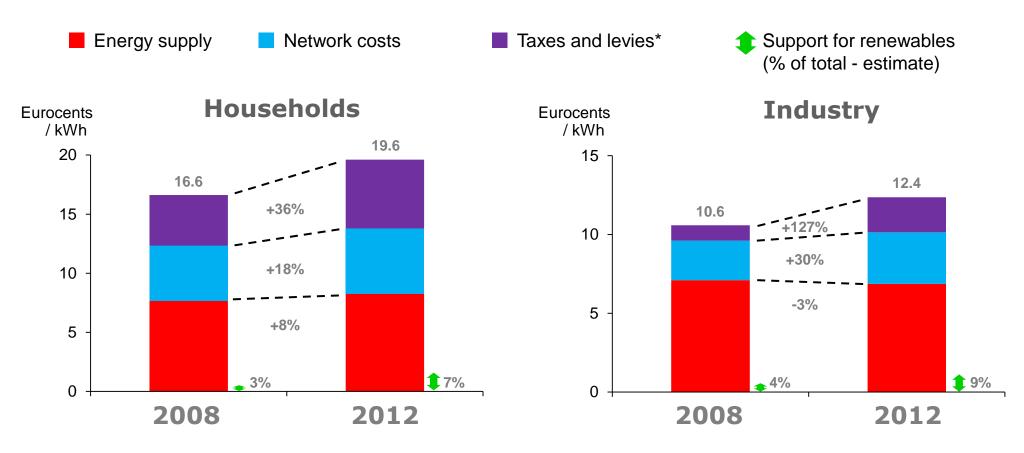


Reduction in carbon intensity between 2000 and 2011 (%)



Climate policies are not the main driver of price increases

EU electricity prices, broken down, compared to support for renewables



^{*} excludes VAT and other recoverable taxes in the case of industry



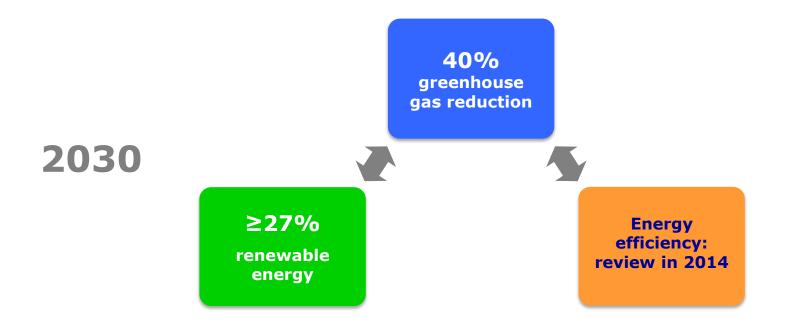
A renewed ambition for 2030

2020

20% greenhouse gas reduction

20% renewable energy

20% energy savings



Dedicated governance

National plans

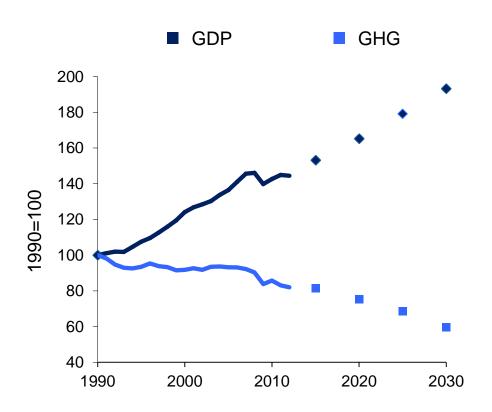
Common indicators

Monitoring



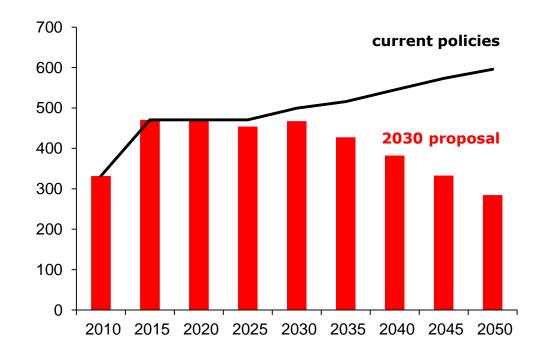
Growing while saving

Decoupling GDP from greenhouse gas emissions (GHG), 1990-2030



Reducing the EU fuel import bill with our 2030 proposal

(import expenditure, in € billion)

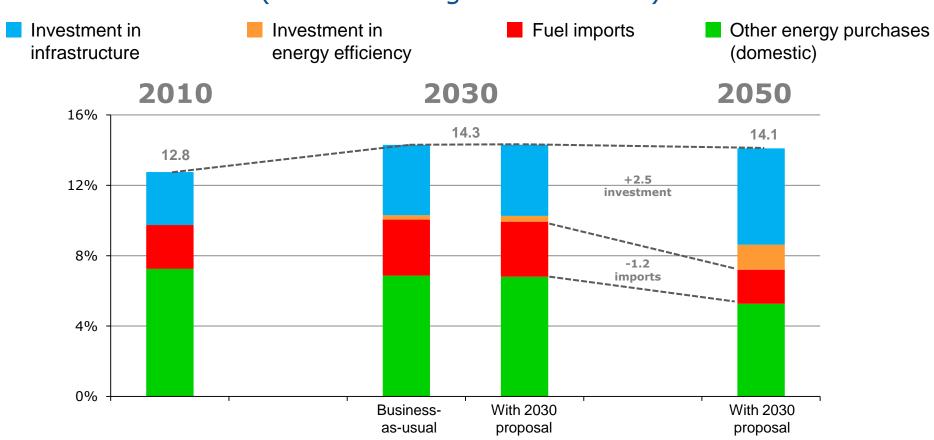




Energy costs to rise in all scenarios until 2030, but clear benefits from decarbonisation

Energy costs, broken down by components

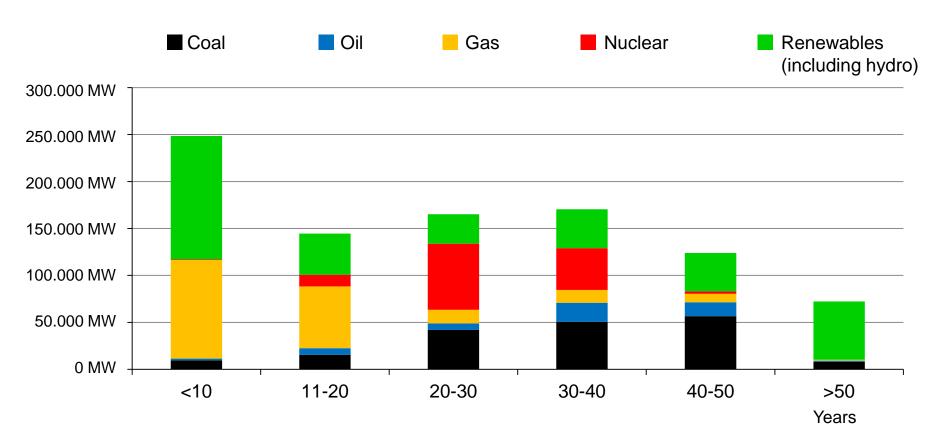
(annual average in % of GDP)





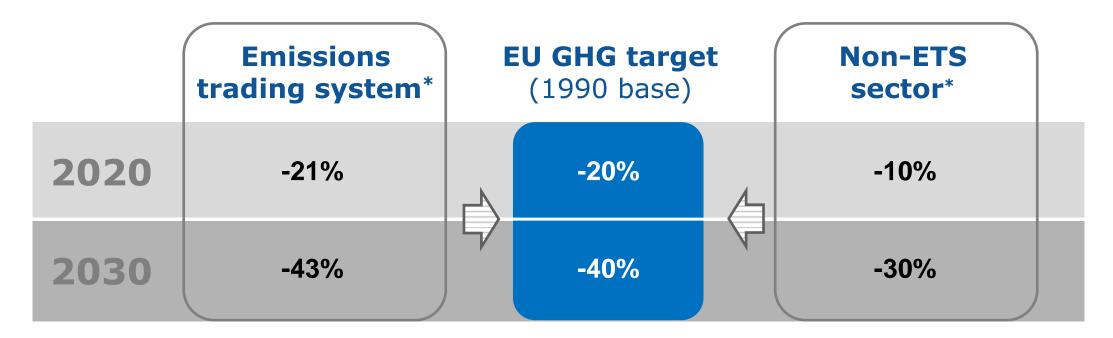
This is about investing in our future: 45% of our power generation capacity is more than 30 years old

Age of power generating capacities in the EU in 2013 (in years)





A cost-effective reduction in emissions



HOW?

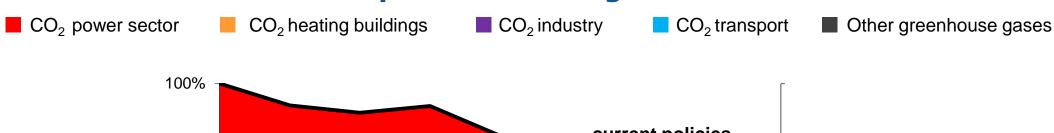
- 'Cap and trade'
- Market stability reserve
- Protection against carbon leakage

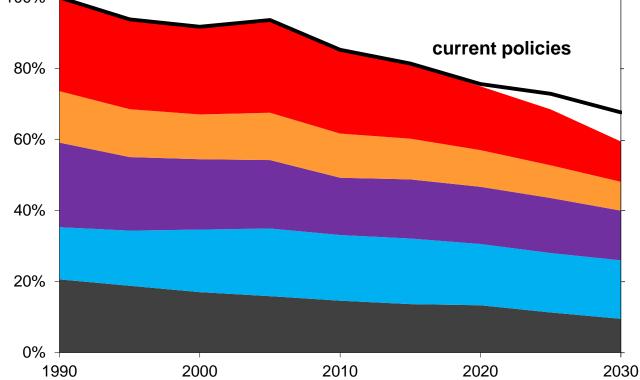
- Effort-sharing through binding national targets
- Support measures (e.g. standards)



All sectors should contribute

Share of greenhouse gas emissions, per sector and gas

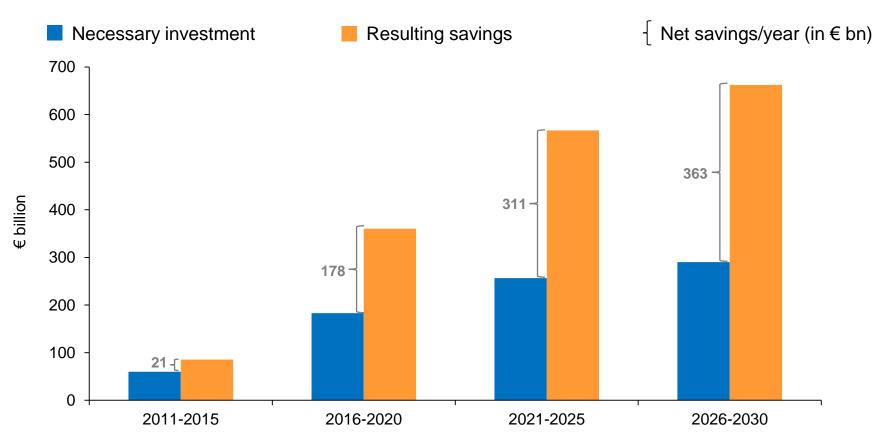






Energy efficiency is key

Estimated savings from current commitments on energy efficiency





Connecting and diversifying

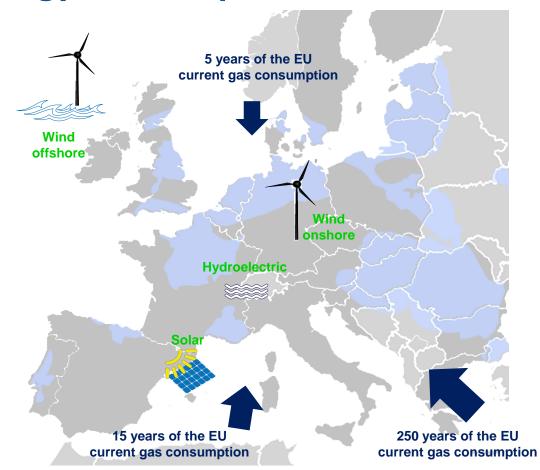
Reaping the benefits of a fully integrated energy market up to 2030

Internal market: € 43 - 70 bn per year in gas and electricity

Potential for renewable energy

Future potential for gas sources

Potential for shale gas





Next steps

- Today: orientations
- Later in 2014: energy efficiency review
- Sept. 2014: UN Secretary General leaders' summit
- Agreement on 2030 framework at EU level
- Dec. 2015 (Paris): global climate talks



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