



Supporting grids: an EU perspective

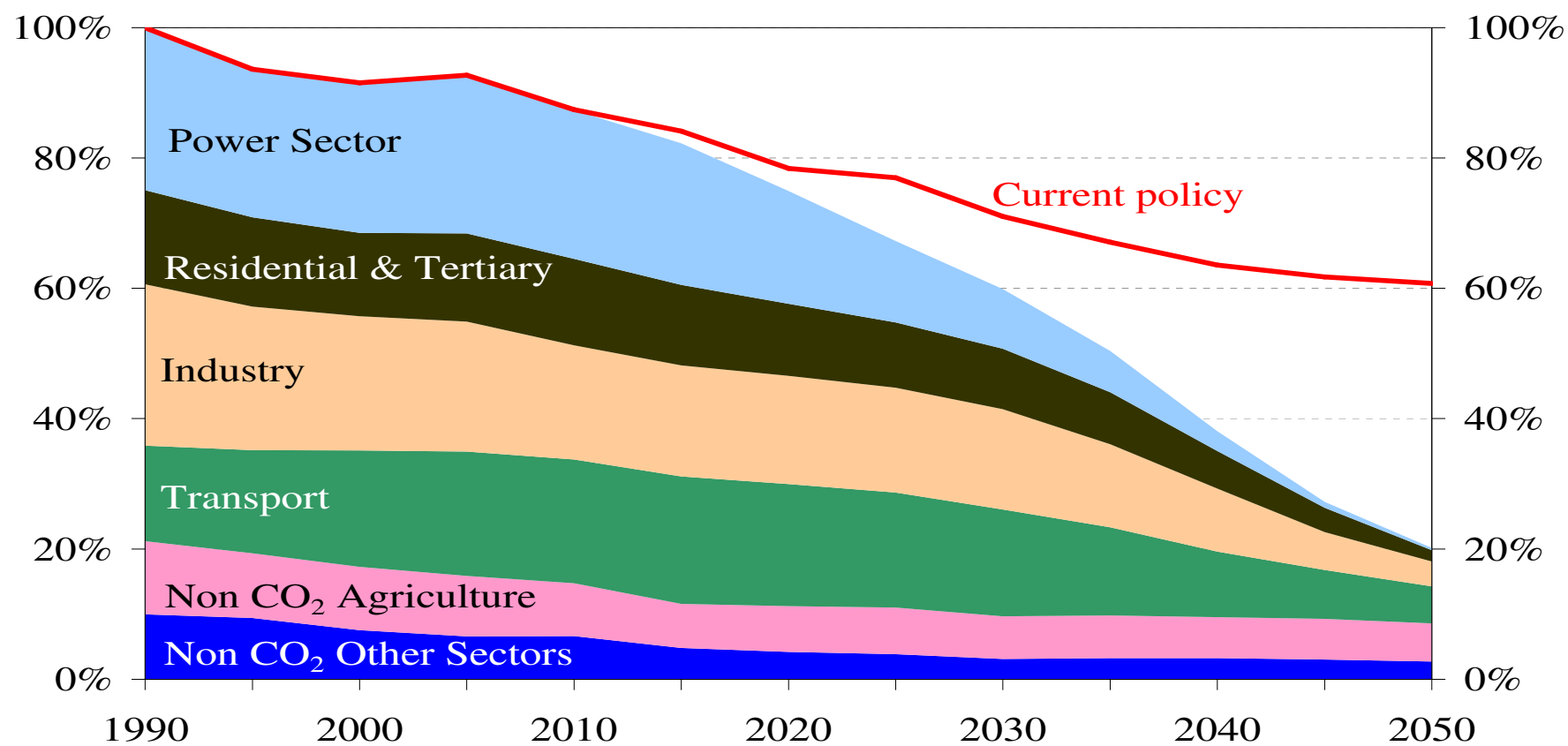
SET Plan

Communication on Energy Technologies and Innovation HORIZON 2020

Robert Goodchild
**DG ENERGY – New energy
technologies, innovation
and clean coal**

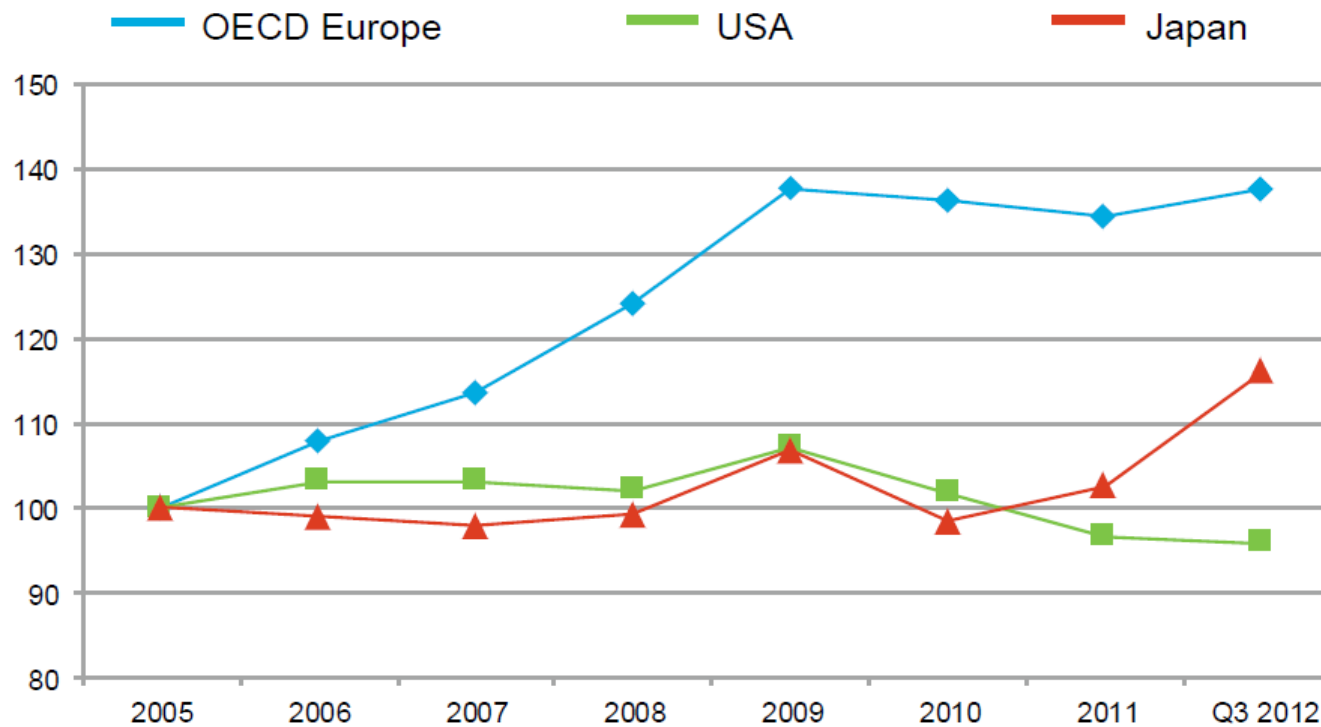
11 June 2013

Decarbonisation Challenge



Energy Prices and Competitiveness

Evolution of end-user electricity prices for industry,
taxes excluded (2005 = index 100)



Source: International Energy Agency



A New Policy Framework for 2030

- **Questions in Green Paper of 27 March:**
 - **Targets**
 - **Coherence**
 - **Competitiveness**
 - **Member States' capacities**
- **Public consultation until 2 July 2013:**

SET Plan

Cost-effective, low carbon technologies

Focus on technologies with market impact up to 2020

EII – electricity networks

Technology roadmaps





EC Communication on Energy Technologies and Innovation

Published on 2 May 2013



European
Commission

Key principles for new challenges by and post 2020

- Looking at the whole energy system
- Bridging research and energy policy
- Making better use of existing financial resources
- Keep options open



Energy



European
Commission

Key developments needed



Energy efficiency to lower costs

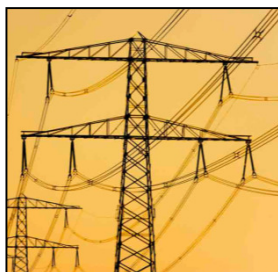
Better use of grid



Active consumer participation

Innovation in new energy options

Sustainable alternative fuels



Effective market-uptake measures

Financing solutions

Next steps

Integrated Roadmap
(2013)

Action Plan (2014)

Robust reporting system





Horizon 2020

- A single programme.
- Coupling research to innovation
- Focus on societal challenges
- A single, smart European Grid



Horizon 2020

Ongoing EP and Council negotiations on Budget and Scope

4thQ 2013 Adoption of legislative acts

1/1/2014 Horizon 2020 starts, launch of first calls