



European energy infrastructures for a low-carbon economy

Directorate-General
for Energy

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● Energy policy development



**Third Internal
Energy Market
Package**

European
Energy Programme
for **Recovery**

EEPR

**Regulation on
security of gas
supply**

**Energy Strategy
2020**



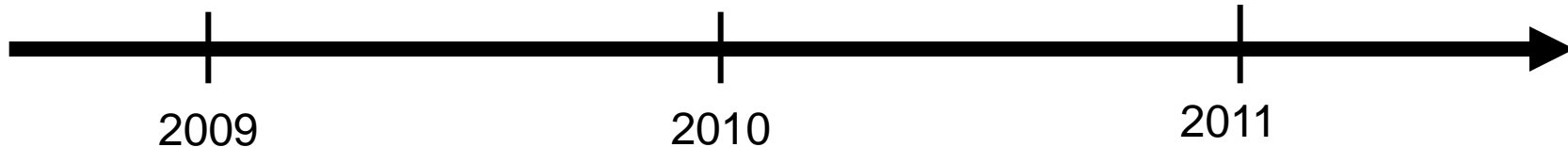
**Energy Infrastructure
Package**

Energy Efficiency Plan

**Energy
Infrastructure
Legislative Proposal**

**External Energy Policy
Communication**

**Energy 2050
Roadmap**



● 4 February 2011 European Energy Council

The conclusions:

- endorse the full list of **priorities** as outlined in the Commission Communication.
- invite the Commission to **streamline and improve authorisation procedures**, while respecting national competences and procedures.
- ask for particular attention be to paid to **tariff setting and appropriate cost allocation for cross-border investment**.
- recognise the need for "**limited public finance to leverage private funding**" for projects justified from a security of supply of solidarity perspective, on the basis of "clear and transparent criteria".

European infrastructures priorities – electricity by 2020

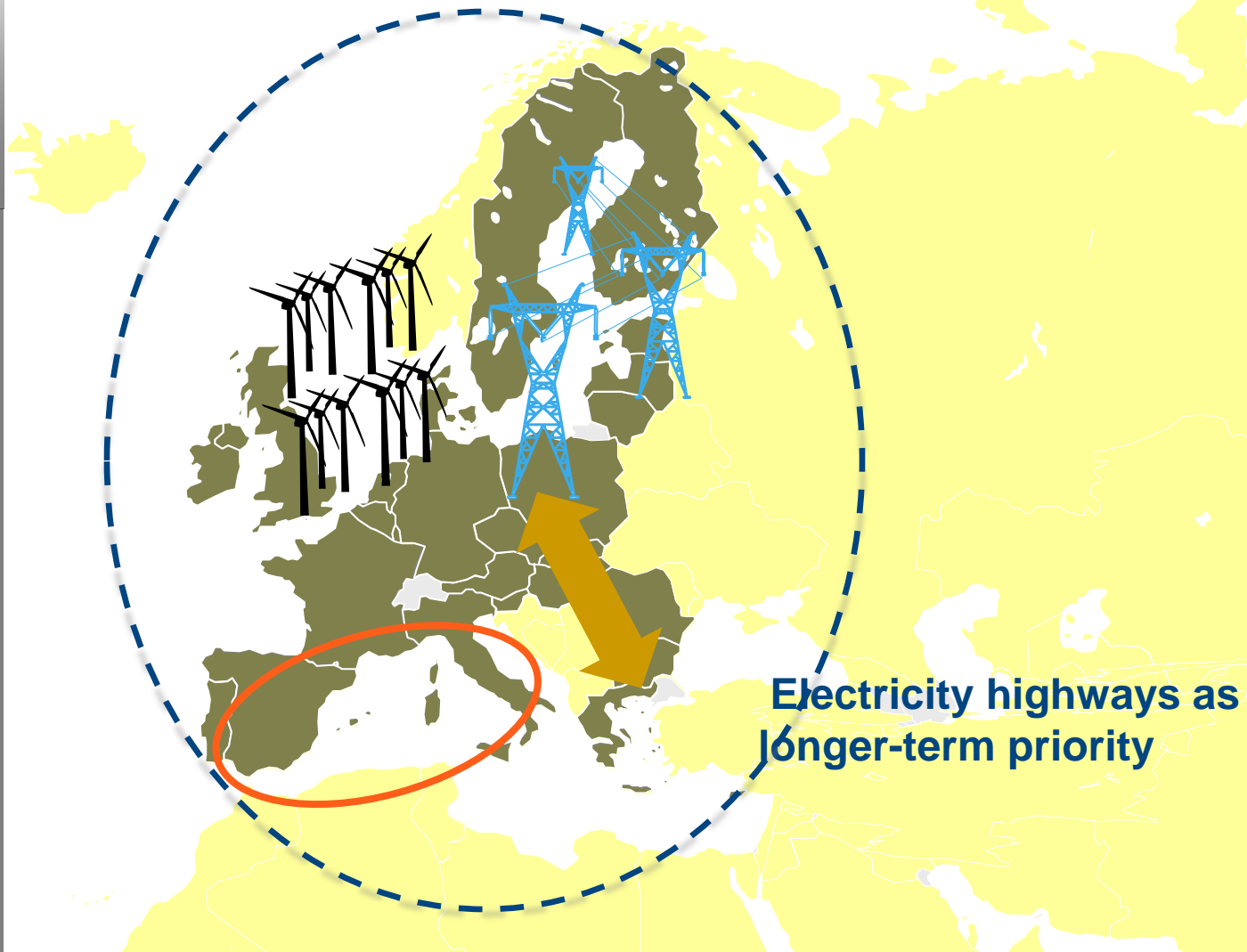
Baltic energy market inter-connection plan

Interconnections in South West Europe

Interconnections in Central-South East Europe

Offshore grid in the Northern Seas and connection to Northern and Central Europe

Smart grids in the EU



Electricity highways as longer-term priority

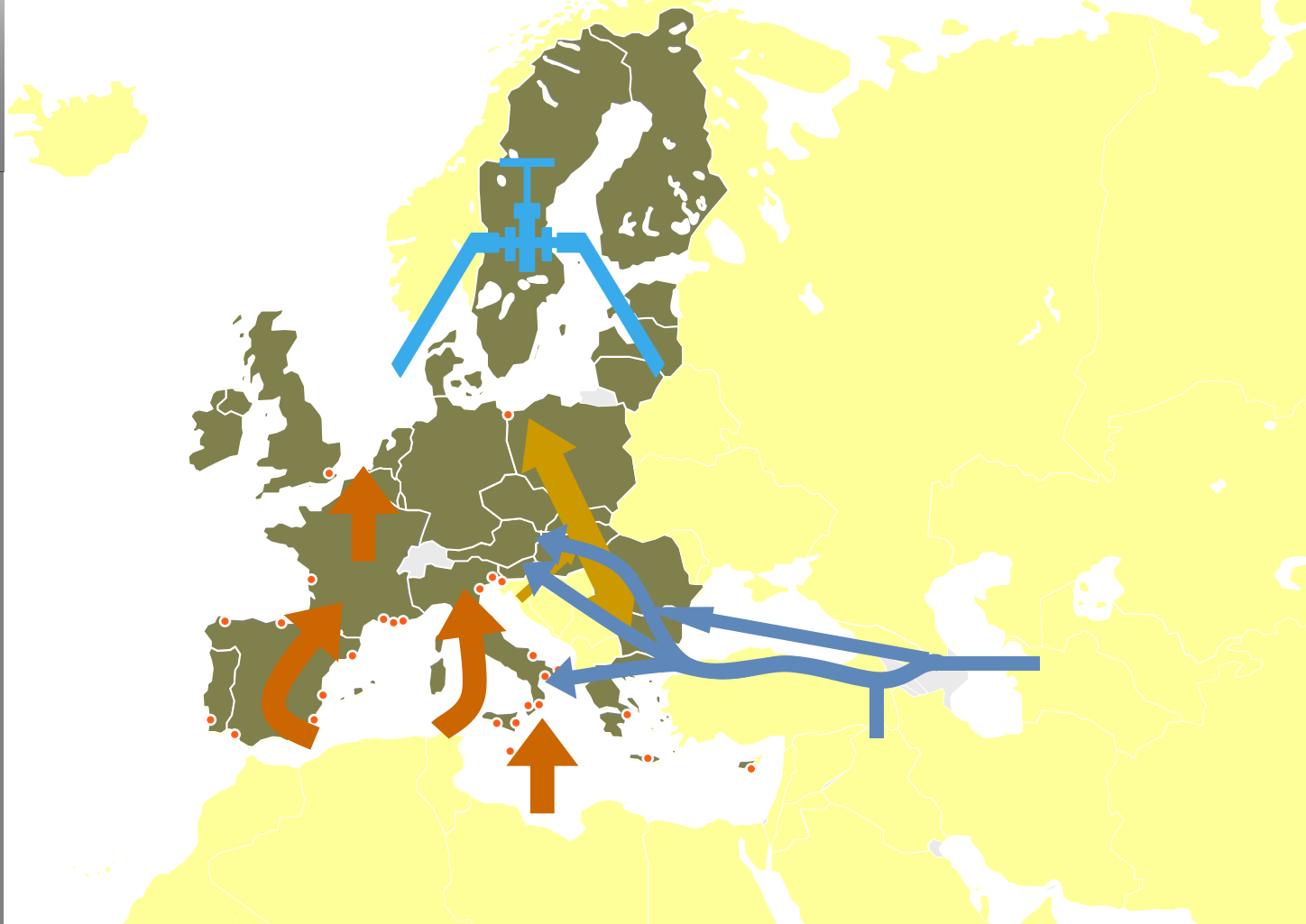
European infrastructures priorities – gas and oil by 2020

Southern gas corridor

Baltic energy market inter-connection plan

South-North gas interconnections in Western Europe

North south gas & oil interconnections in Central & South East Europe



● Way forward – proposals for 2011

● **New EU planning approach**

- » Planning and selection method including criteria
- » Regional cooperation
- » Policy and project support tool

● **Improved cost allocation**

- » Effective cost allocation for complex (cross-border) projects (« beneficiary pays » principle)
- » Regulation matching risks (innovation) and objective (security of supply) of infrastructure investments





● **Financing only where market failure**

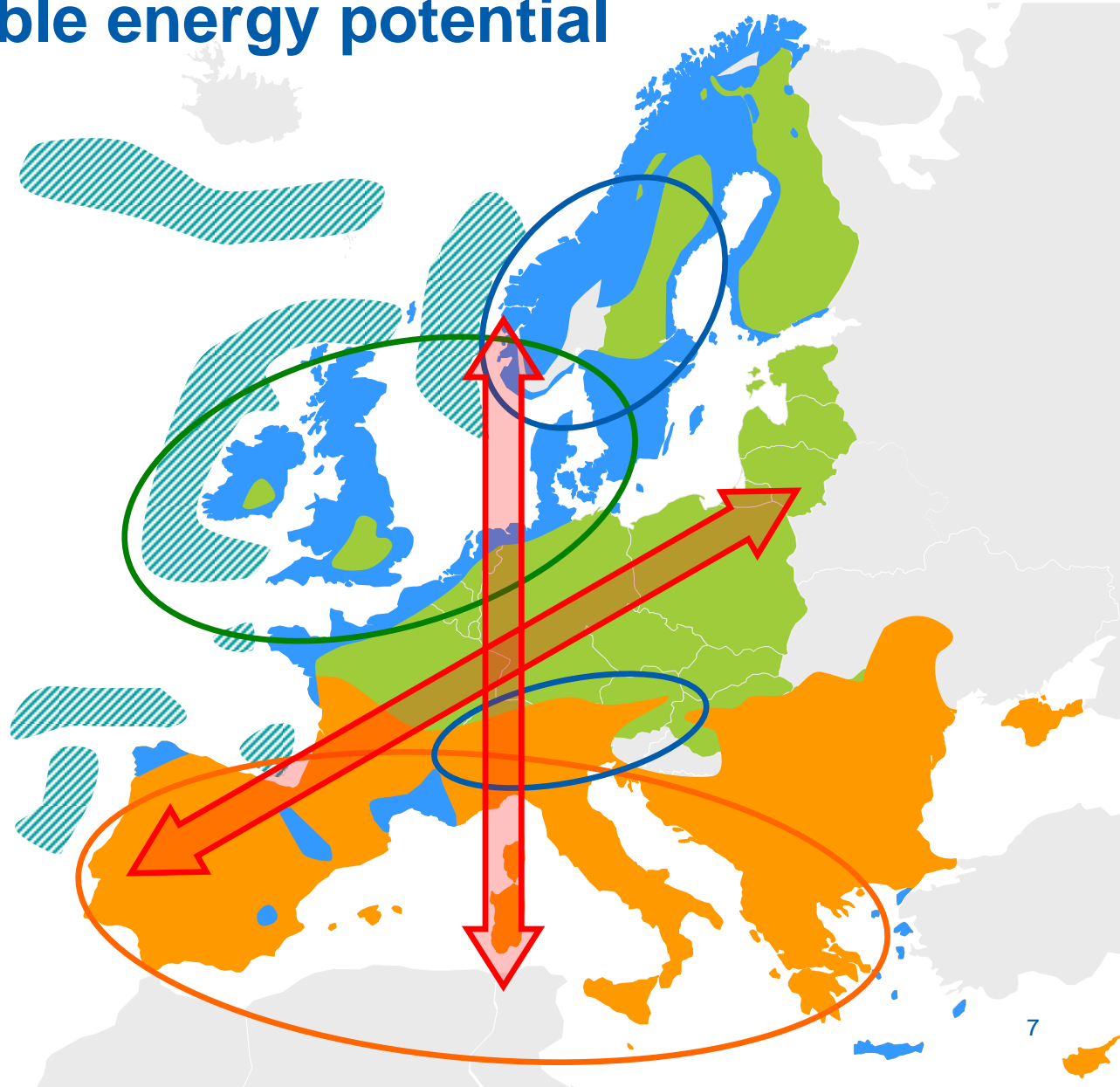
- » New financial instruments in cooperation with IFIs and direct EU support if needed

● **Faster and more transparent permit granting procedures**

- » One-stop shop approach and time limit for decisions
- » Transparency and early involvement of stakeholders
- » Compensation harmonisation
- » Rewards/incentives to regions and Member States

EU renewable energy potential

- Wind energy onshore 
- Solar energy 
- Wave energy 
- Bioenergy 





Thank you for your attention!