



The second Strategic European Energy  
Review

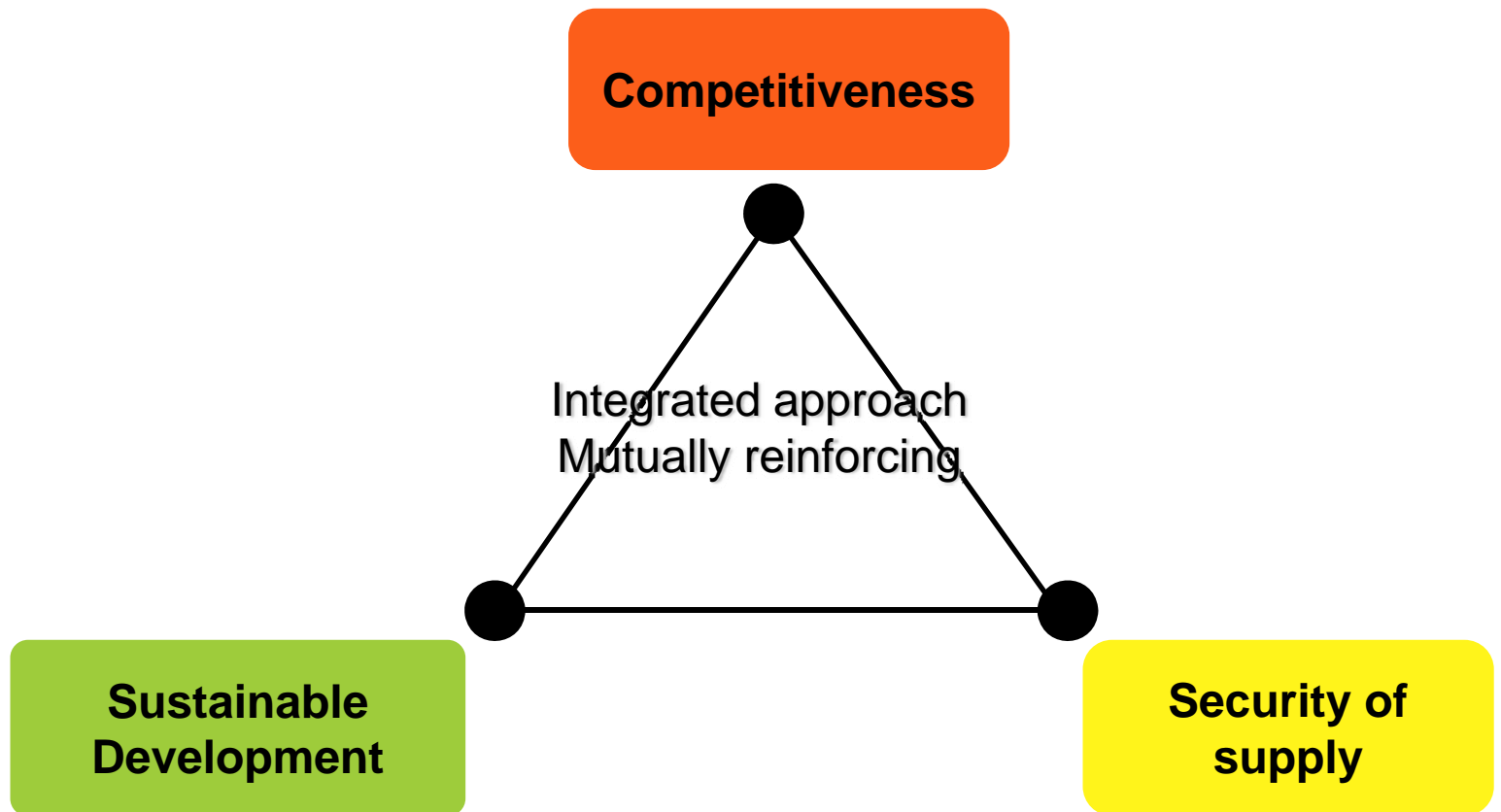
**An EU Energy Security and Solidarity  
Action Plan**

**Stephen Gethins  
Scotland Europa**

**EU Security of Supply and Scotland's opportunity**

**University of Dundee, 16 January 2009**

- 2<sup>nd</sup> SER – focus on **energy security** - new political momentum to develop a **European approach** – completes 1<sup>st</sup> SER



## 2<sup>nd</sup> SER – main messages

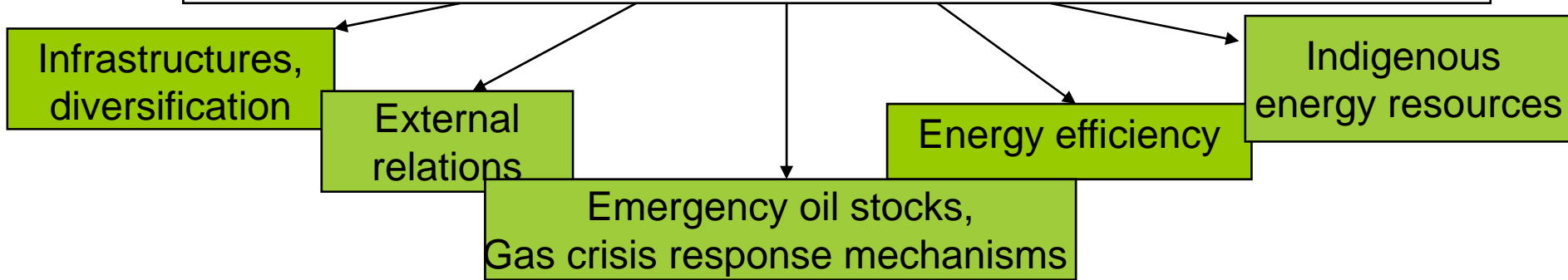
- From a **long term** energy security viewpoint, the **20-20-20 strategy** is the right direction to go in
- In the **short to medium** term, to prevent and manage supply crises
  - Europe's market and solidarity can diminish vulnerability
  - internationally, combined forces can be better than dispersed national actions



## **EU Energy Security and Solidarity Action Plan**

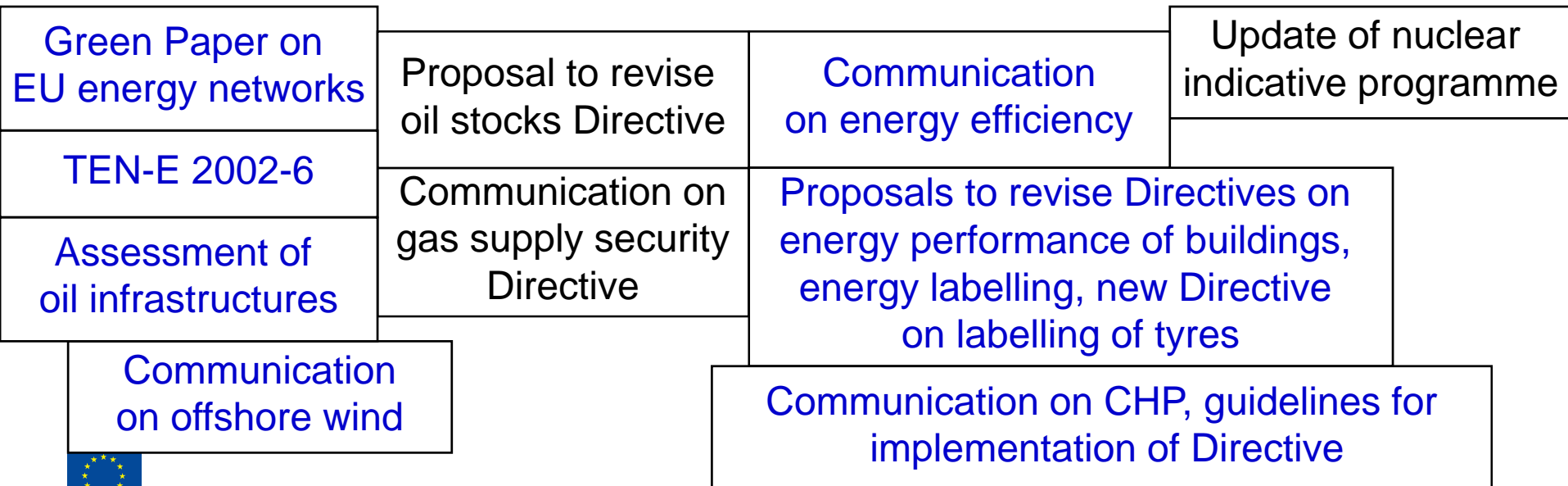
- Need to start looking beyond 2020 to **2050**

# EU ENERGY SECURITY AND SOLIDARITY ACTION PLAN



*Supporting analyses:*

*“Europe’s current and future energy position: demand, resources, investment”*

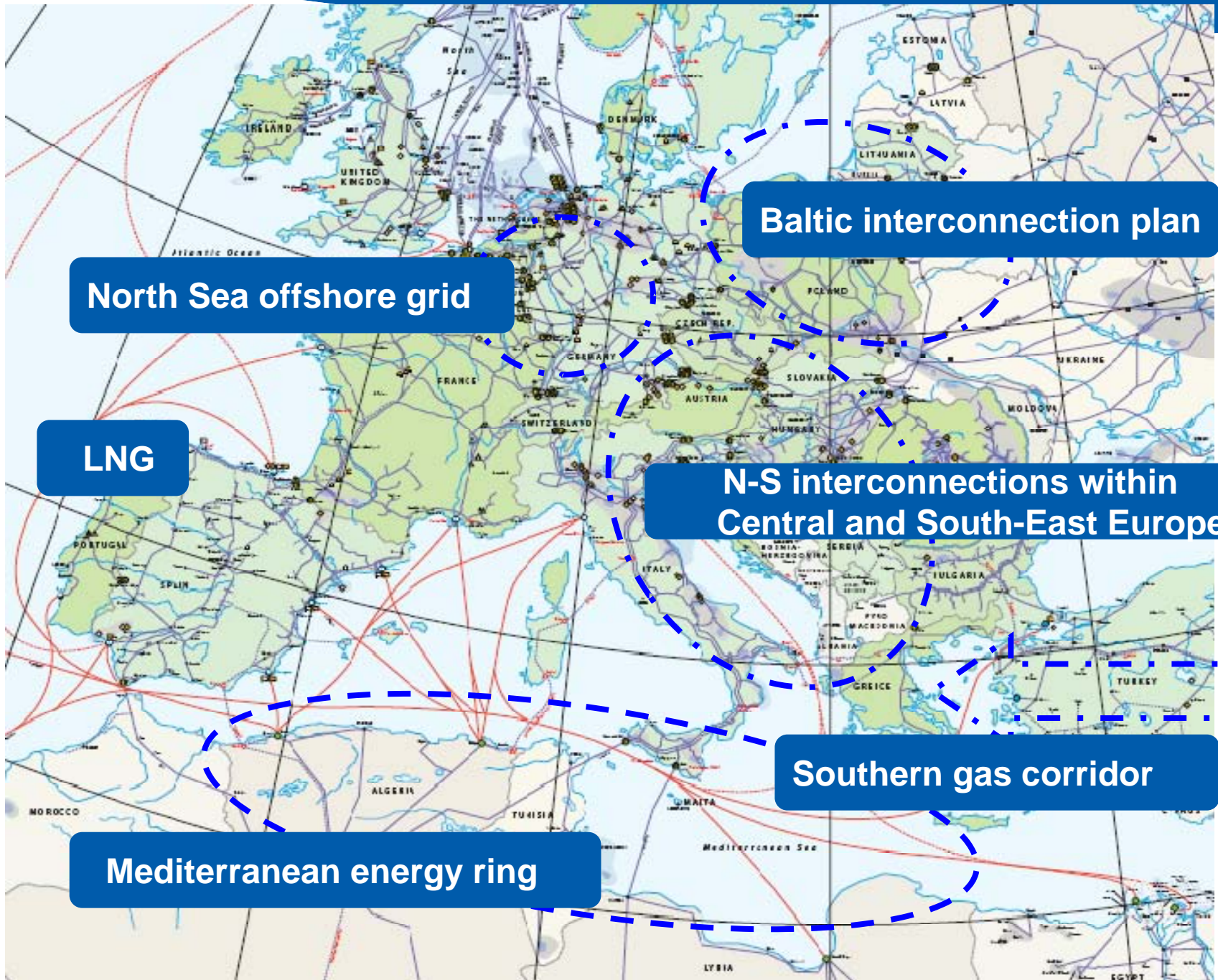


# ● Infrastructure needs and the diversification of energy supplies

Proposed energy security priorities:

- Baltic Interconnection Plan
- Southern gas corridor
- Liquefied natural gas
- Mediterranean energy ring
- North-South interconnections within Central and South-East Europe
- North Sea offshore grid

**Green Paper** on European energy networks,  
including idea of an EU Energy Security and  
Infrastructure Instrument



North Sea offshore grid

LNG

Baltic interconnection plan

N-S interconnections within Central and South-East Europe

Southern gas corridor

Mediterranean energy ring

- External energy relations
  - **Common interest** in EU energy security growing
  - Mechanisms for transparency among EU, MS and development of common messages to be put forward
  - Positive message to partners – **energy interdependence** increasing, all gain from more cooperation and robust international legal frameworks
  - Solidarity with neighbours via Energy Community, European Economic Area
  - Cooperation on energy consumption, energy efficiency, climate protection, nuclear safety

- Oil emergency stocks and gas crisis response mechanisms
  - Oil – proposal to revise EU **emergency stocks** legislation
  - Includes publishing aggregated **commercial oil stocks** on weekly basis
  - Commission to consult with a view to proposing a revised **Security of Gas Supply Directive** in 2010
  - Greater harmonisation of security of supply standards and predefined emergency measures at regional and EU levels needed
  - Obligatory strategic gas stocks? - more effective options may be available

## ● Energy efficiency

- 2008 Energy Efficiency package focused on buildings and products, cogeneration
- Sustainable Energy Financing Initiative, jointly with EIB; Covenant of Mayors an important instrument
- 2008 Communication on Greening of Transport
- Green Tax package to be presented
- International Partnership on Energy Efficiency Cooperation to be used
- 2006 Energy Efficiency Action Plan to be evaluated in 2009, with view to new Plan

# ● Making the best use of the EU's indigenous energy resources

- Clear objective for **renewables**, the EU's greatest potential source of indigenous energy.
- Technology is crucial; next step in the Strategic Energy Technology Plan to be a **Communication on Financing Low Carbon Technologies**; including ways to support large scale demonstrations at EU level, of CCS ia; long-term use of **coal** requires highly-efficient plants and wide availability of CCS
- Berlin Fossil Fuel Forum to look at measures needed for cost-effective and environmentally-compatible access to indigenous EU **fossil fuels**.
- Revised proposal for Community framework for **nuclear** safety to be presented

- Europe preparing its energy future now
  - Eu's 2020 agenda set out **first steps** in transition to high-efficiency, low-carbon energy systems
  - Deep structural changes, radical technological shifts require **choices today**
  - Wide consultation on possible longer-term policy **objectives** eg decarbonising electricity supply by 2050
  - **Roadmap** towards a 2050 Energy Policy to be prepared, in SET-Plan framework