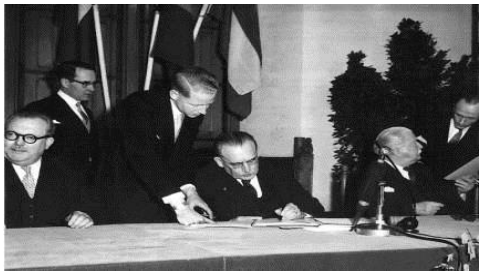
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BENELUX MEETS ENERGY CHARTER

Frederik Deloof

Benelux: living lab of regional cooperation…







1944 : Benelux Customs Union Treaty

1958 : Benelux Economic Union Treaty

1985: Schengen Agreement

2008 : Benelux Union Treaty

-Pioneer in EU
-Cross border cooperation

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… including regional energy cooperation



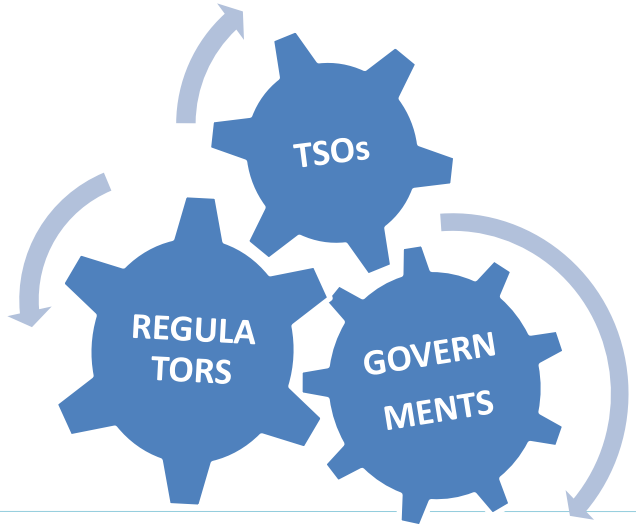




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Pentalateral Energy Forum





PENTA=Intergovernmental initiative between BE-NE-LUX-FR-DE-AT-CH…

… whereby Ministers of Energy give political backing to a process of regional integration …

… as an intermediate step towards EU energy market …

… close involvement of TSOs, NRAs, PXs and market parties …

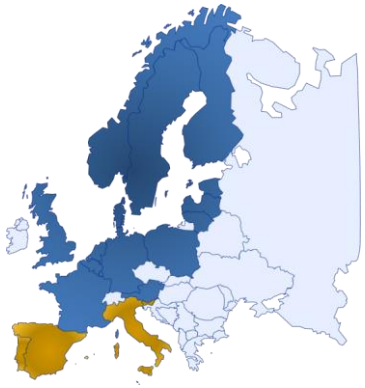
… Benelux-secretariat to assure continuity of the process.

… which pays off!

Regional market integration









2005: PENTALATERAL ENERGY FORUM

2010: PENTA MARKET COUPLING

2013: PENTA POLITICAL DECLARATION

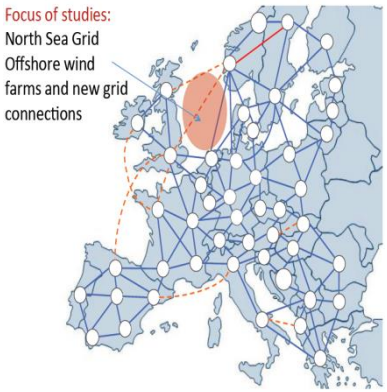
2014 : NWE MARKET COUPLING

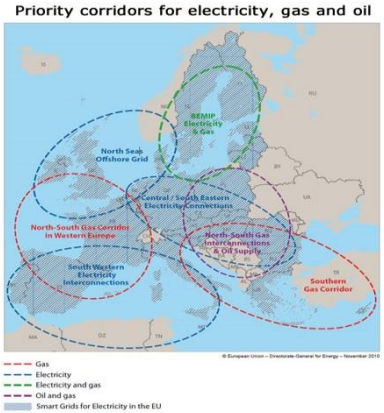
-2015: PENTA FLOW BASED

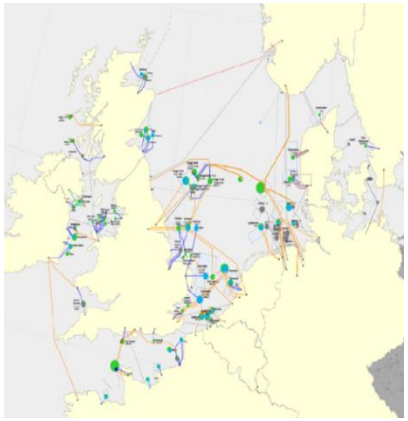
PENTA
Pentalateral Energy Forum

Regional grid development









2009: CWE Transmission Capacity Plan

2010: MoU NSCOGI

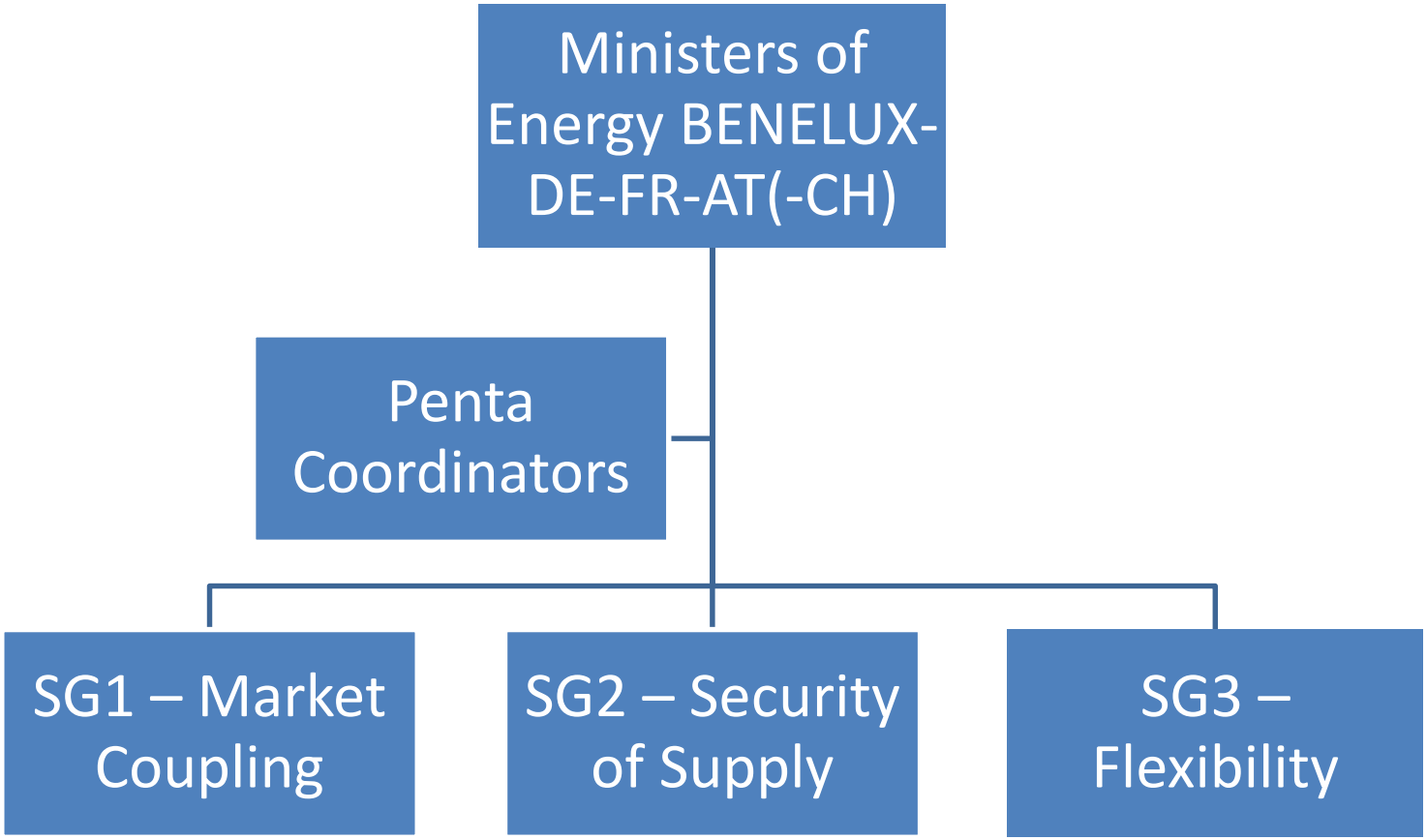
2011: Energy Infrastructure Package

2012: NSCOGI Grid Study

-Meshed Grid
-E-Highways

NSCOGI

Pentalateral Energy Forum



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1st Political Declaration (June 2013)

Two major workstreams:

1. Market integration

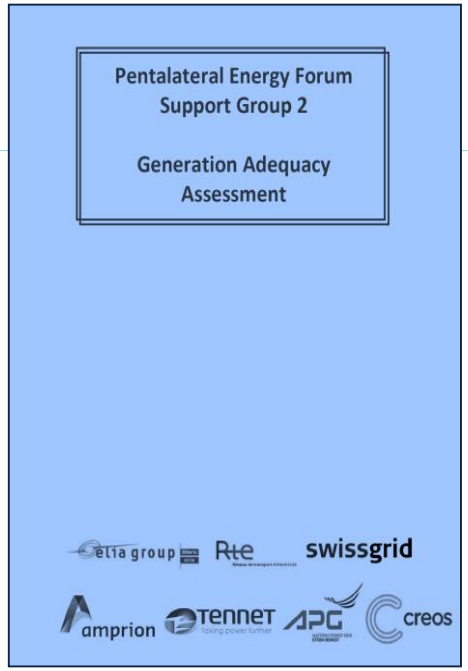
- Flow Based Market Coupling
- Cross Border Intraday Market Coupling

2. Security of supply

- Pentalateral adequacy study by TSOs
- Developing a common approach to security of supply in the region

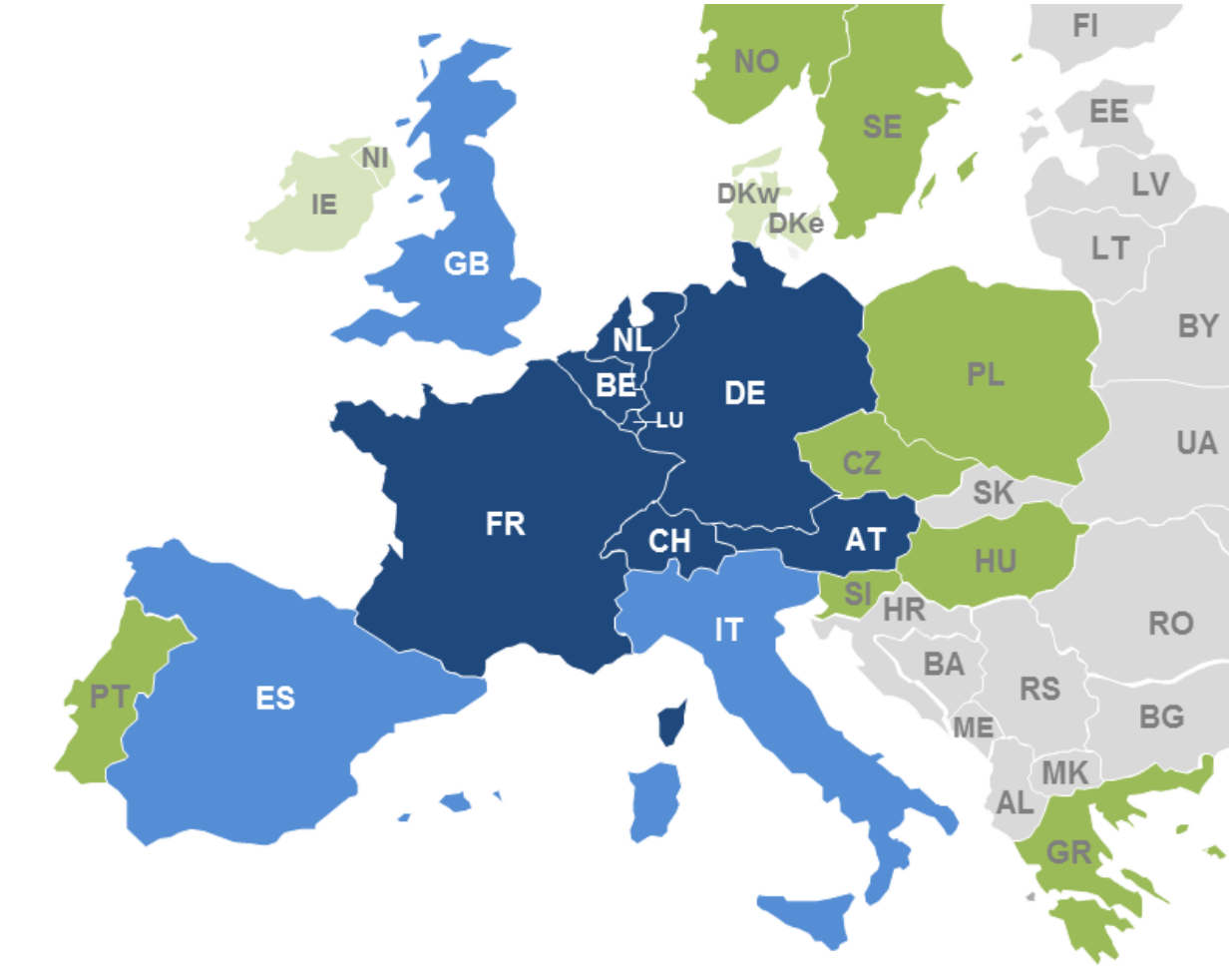
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Penta adequacy study



- Publication: March 2015
- Horizon: 2015/2016 and 2020/2021
- Close cooperation between regional TSOs
- Complementing national assessments
- Implementing a new, advanced methodology

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PLEF++ Region – Specific data collection and detailed modelling

„Big neighbours" – Detailed modelling

„Small neighbours" – Simplified modelling

„Combined small neighbours" – Simplified modelling

Area not modelled

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Penta adequacy study: lessons learned

- Role of interconnections already essential today
- Confirmation of adequacy concerns found in national assessments (e.g. France + Belgium)
- Cooperation (data and knowledge exchange) between regional TSOs on adequacy can be very fruitful
- Current level of cooperation and integration needs to be further increased to solve adequacy concerns

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2nd Political Declaration: 8 June 2015









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2nd Political Declaration 8 June 2015

- Celebrate 10 year -penta
- Improve market design (ID + flow based)
- Market integration of renewables
- Achieve interaction between national CRMs
- New TSO adequacy assessment by 2017
- Mandate for work on flexibility (Penta SG III)

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Flexibility (Penta SG III)

- Identify options to make our markets more flexible
- Increase efficiency of balancing arrangements
- Identify best practices in DSR + regulatory obstacles
- Discuss options to increase RES market integration
- Ensure a level playing field for new players (e.g. aggregators)
- Feeding in the EU Electricity Market Design Package

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Penta Directors General

- Penta DG Meeting 6 June

- Stock taking of Penta Deliverables 2nd Political Declaration:
  - Flexibility options
  - Cross-border capacity mechanisms study
  - Generation adequacy report
  - Assessment of potential benefit of common reliability standards

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Summary

- Intergovernmental initiative
  - political backing to process of regional integration as intermediate step towards EU market
  - Ministers' involvement + TSO/NRA/MPP/PXs
  - Benelux secretariat – continuity of the process
- MoU (2007) of the Pentalateral Energy Forum
- Political Declaration (2013) of Penta
- Second Political Declaration (2015) of Penta
- Keep balance between top-down & bottom-up

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Thank you

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