



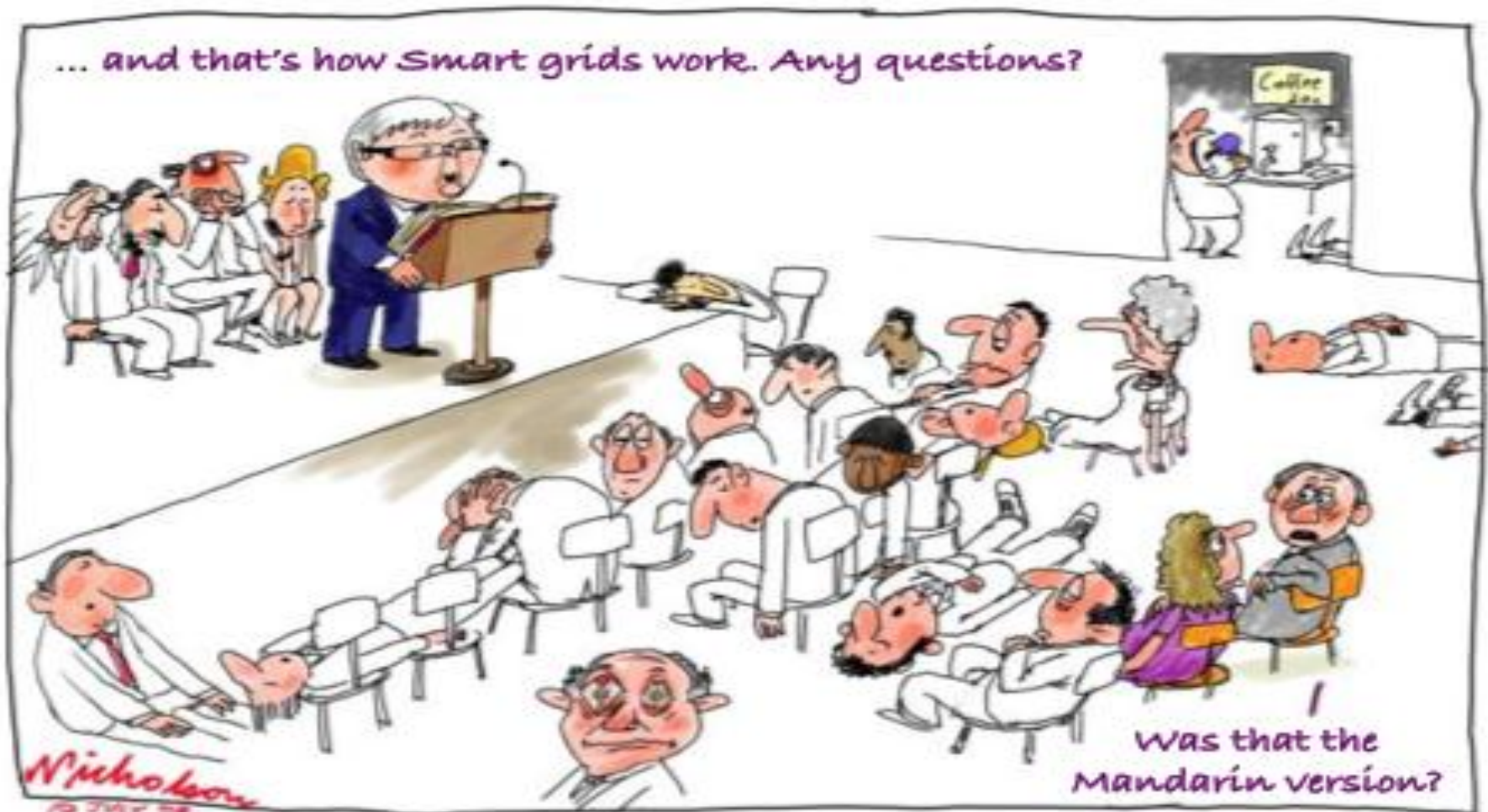
London Forum  
13-14 November 2012

# *Smart metering as a first step towards smart grids*

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European Commission, DG ENERGY

# *Smart Grids: a complex but effective solution*

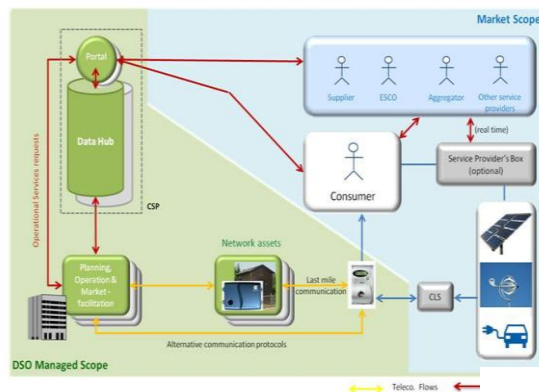




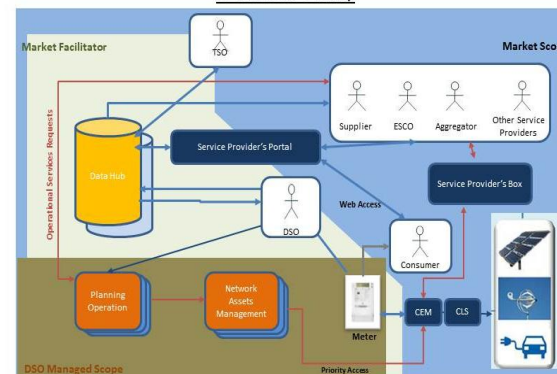
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# Data processing models > business models

Case I: DSO as Market Facilitator

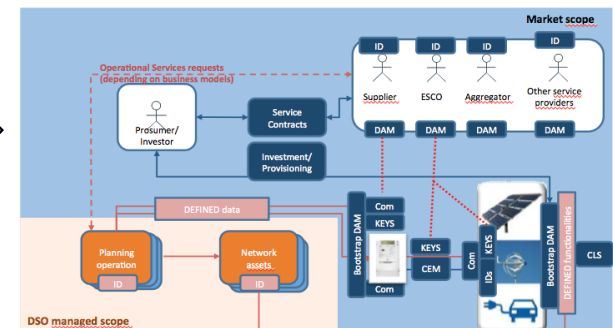


Case II: Third Party Market Facilitator (Independent Central Hub)



Case III: Data Access Point Manager (DAM)

CEM: Customer Energy Management  
CLS: Controllable Load System



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— Data flow according to service contracts  
— Data flow following regulatory needs



## ***Successful roll-out of smart metering is key***

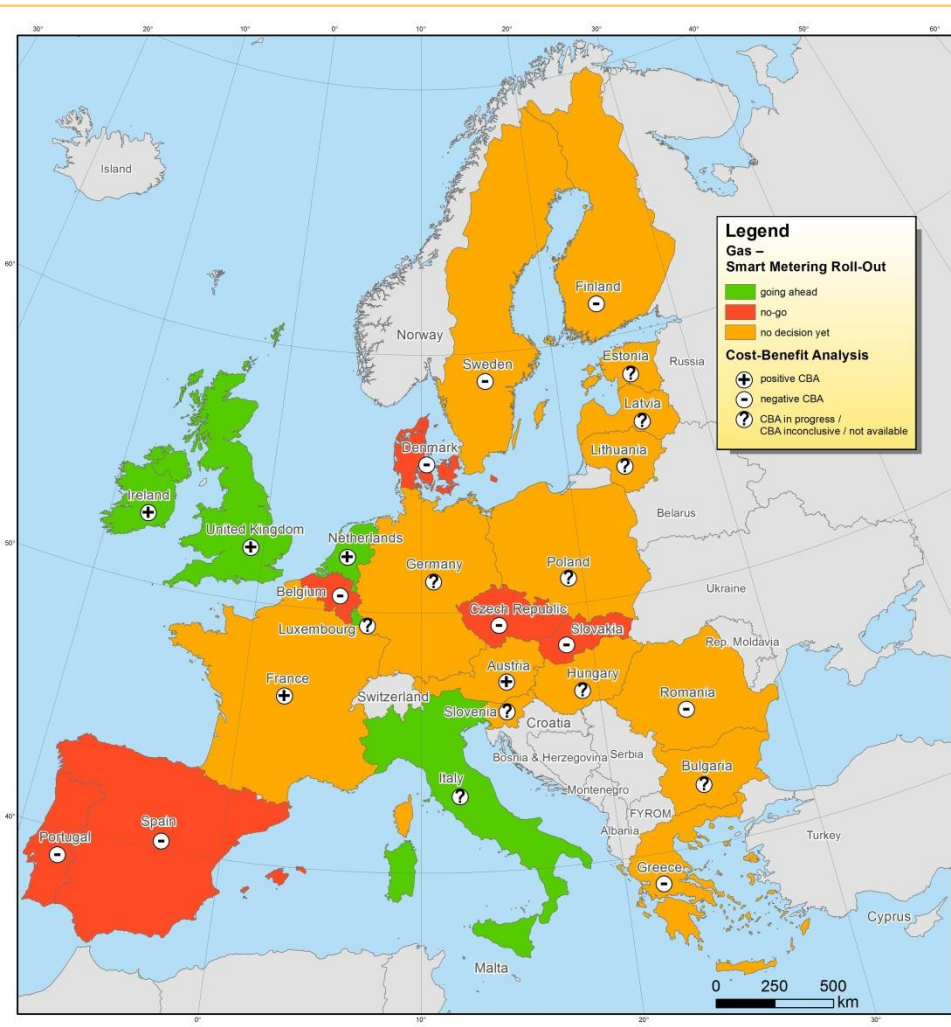
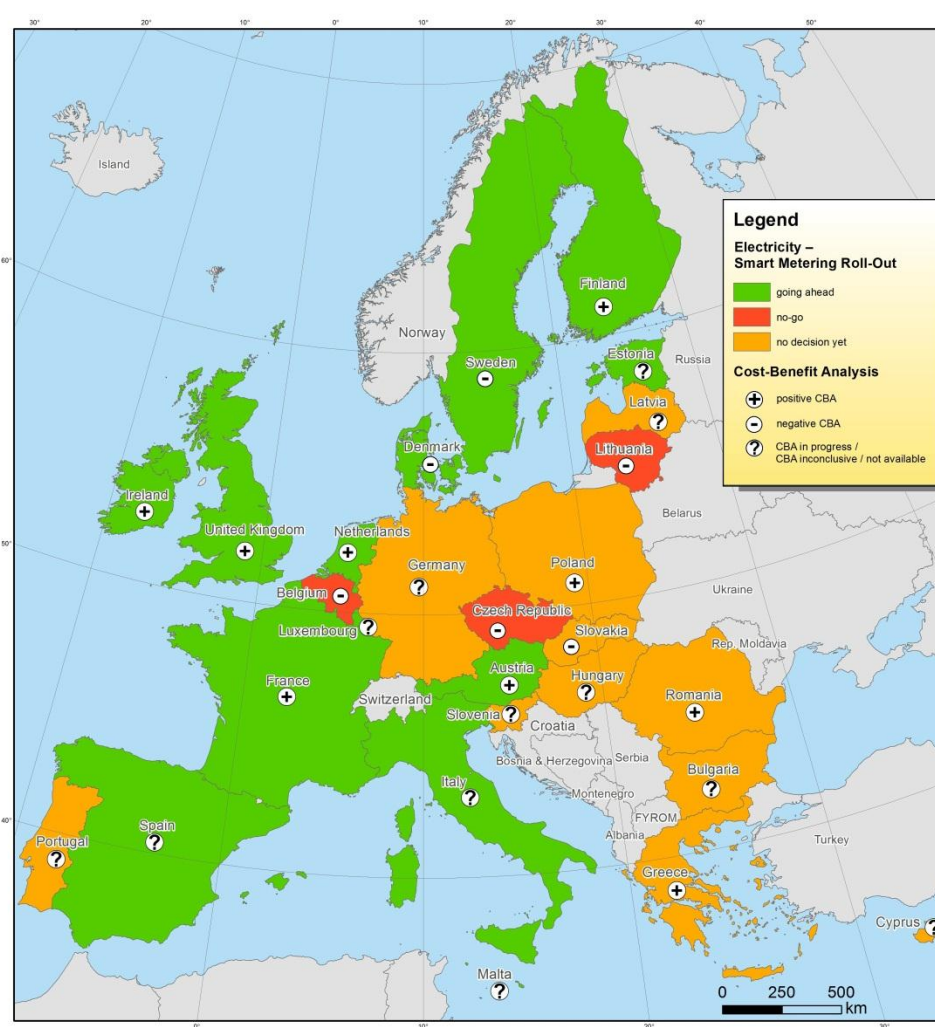
- **The roll-out of smart metering systems calls for a collaborative approach of policy-makers, industry and regulators for consumers' benefit.**
- **Successful roll-out of smart meters opens doors to win-win situation:**
  - Security of supply through better local balancing
  - Involvement of consumers in the market (micro-generation, etc.)
  - Empowerment of consumers through demand response => savings
  - Cost-efficiencies for DSOs and suppliers and new business opportunities for third parties
- **Success depends on criteria decided largely by Member States:**
  - Smart Meters functionalities (to include those benefiting also consumers, not just DSOs as owners/installers of smart meters)
  - Retail market competition to breed innovative solutions and lower costs
- **Commission presently receiving CBAs prepared by Member States**
  - Assessment and benchmarking under way > Benchmarking report planned for 2013



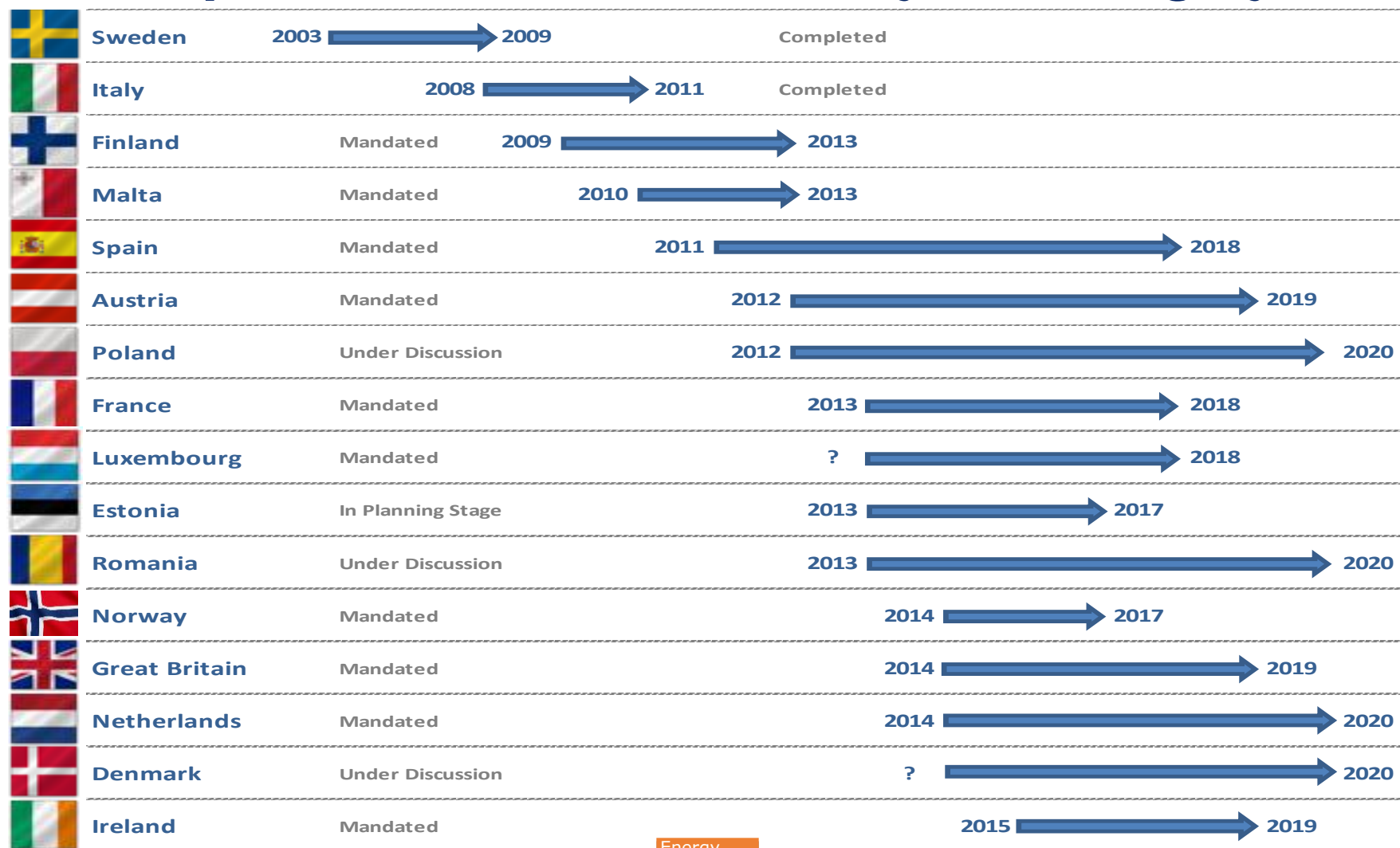


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# Cost Benefit Analysis and planning of roll-out



# Roll-out plans for smart electricity metering systems



## ***Final remarks***

- **The roll-out calls for a collaborative approach of governments, industry and regulators for consumer' benefits.**
- **More than ever, MSs might be interesting in:**
  - sharing best practices and lessons learned,
  - monitoring smart metering consumer information and engagement programmes, and
  - finding consensus on viable options and identifying the next steps to empower consumers.
- **The European Commission aims to issue a DPIA Template by 1st quarter 2013 and a benchmarking report during 2013 on the roll-out of smart metering in the EU. Main conclusions to be presented at the next Forum.**



**Thank you for your attention!**