

The European Commission's science and knowledge service

Joint Research Centre



Smart grid technologies and vulnerable consumers Insights from EU projects

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Paris, 22 October 2018

JRC sites

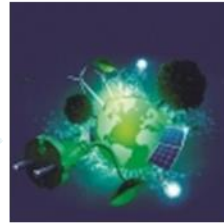
Headquarters in Brussels
and research facilities located
in **5 Member States:**

- Belgium (Geel)
- Germany (Karlsruhe)
- Italy (Ispra)
- The Netherlands (Petten)
- Spain (Seville)



JRC Smart Electricity Systems & Interoperability

Assess



SMART-METERING
DEPLOYMENT



COST-BENEFIT ANALYSIS
SMART GRIDS



PROJECTS OF
COMMON
INTEREST

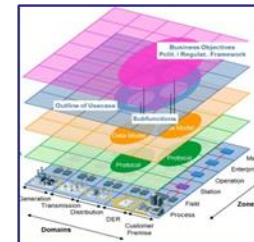
**Simulate
& Test**



RES INTEGRATION



REAL TIME SIMULATION



INTEROPERABILITY

Observe



SMART GRIDS LABS



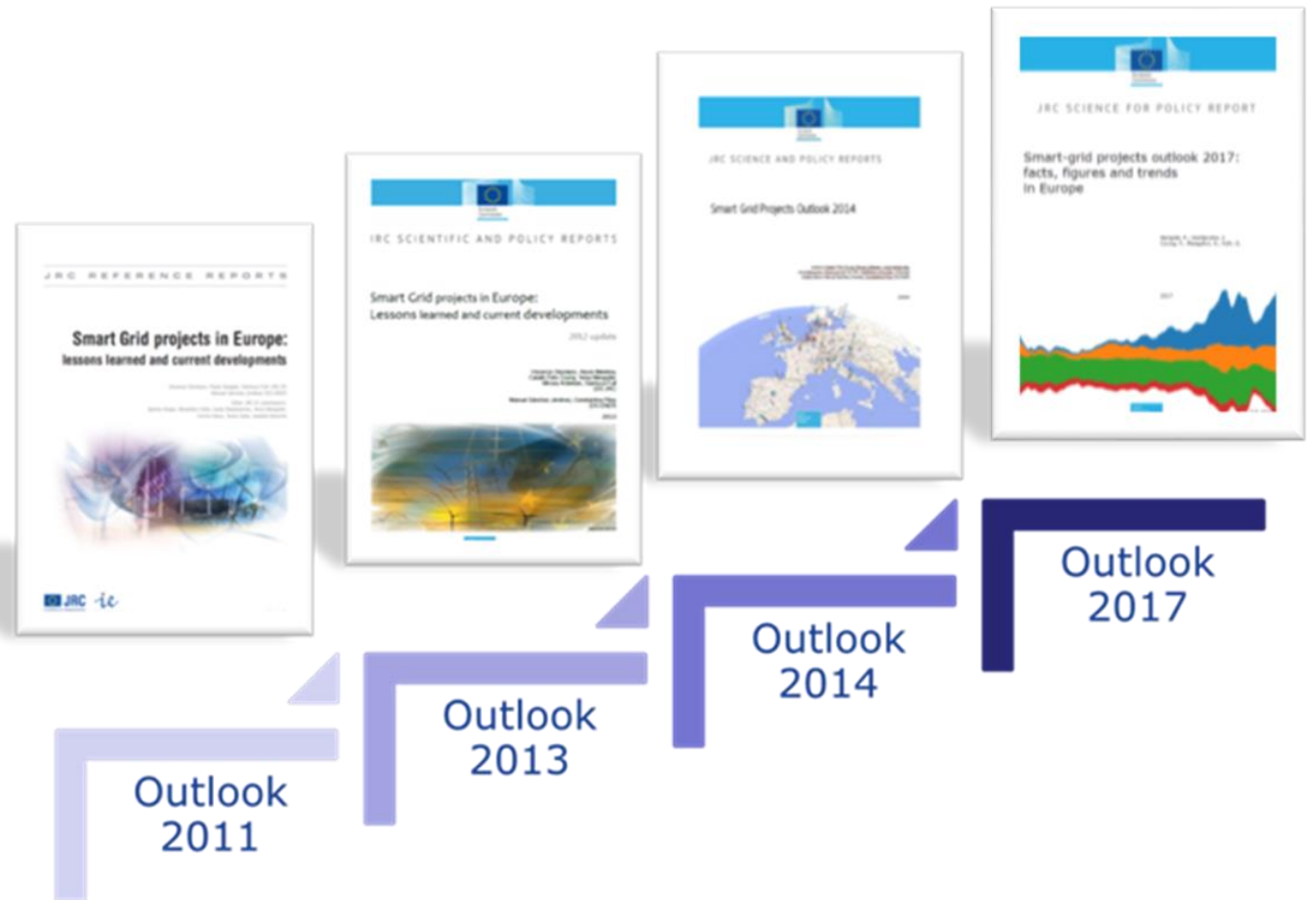
SMART GRIDS PROJECTS



DSO OBSERVATORY

Smart grids projects Outlook 2017

Since 2011 the JRC has been providing policy makers and different stakeholders with a tool to better understand the rapidly changing smart grid scene



Zoom-in analysis: DSM in Smart Grids pilots

