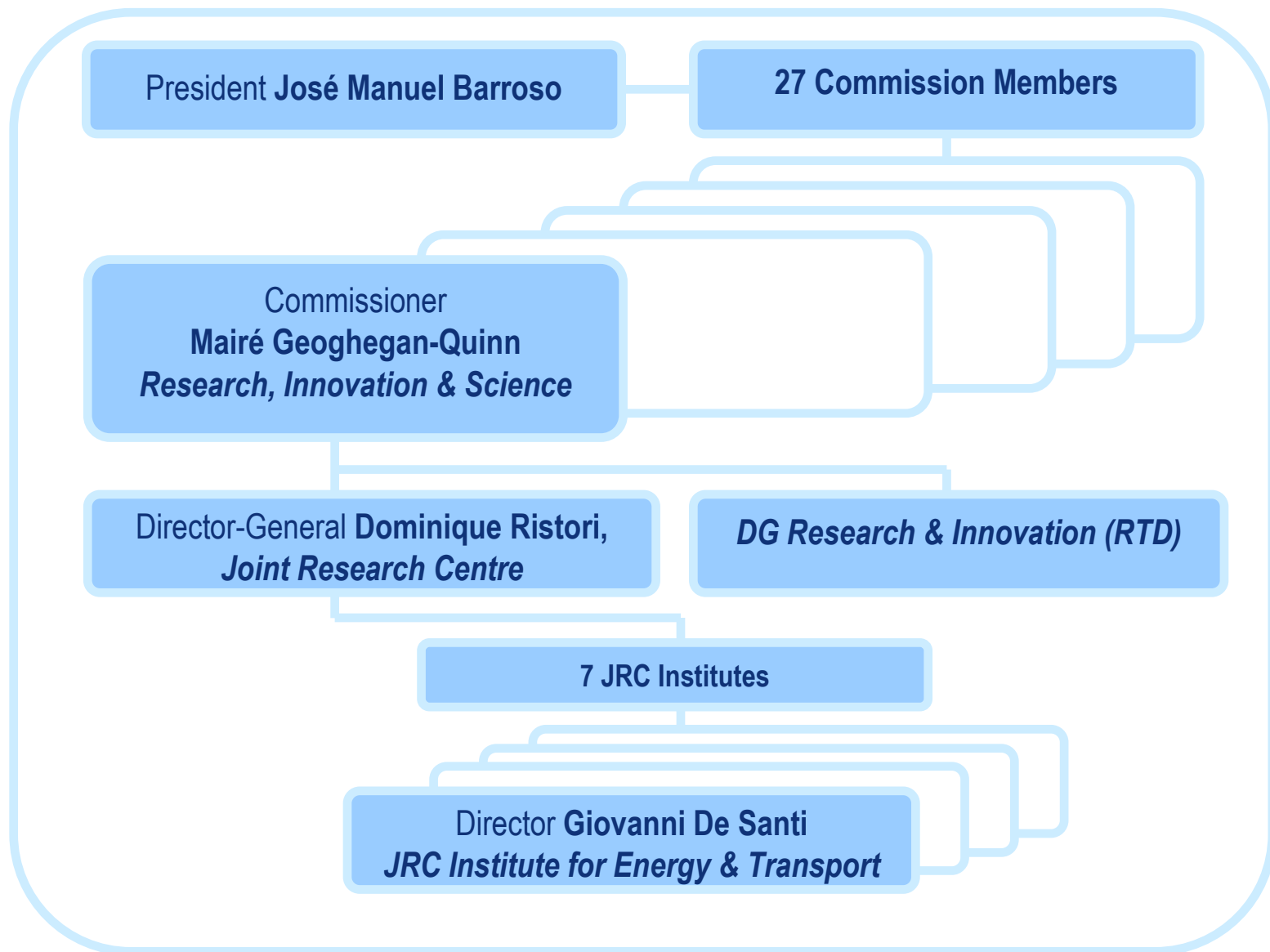


2nd EU-US workshop on Smart Grid assessment methodologies – Washington DC 7th November 2011

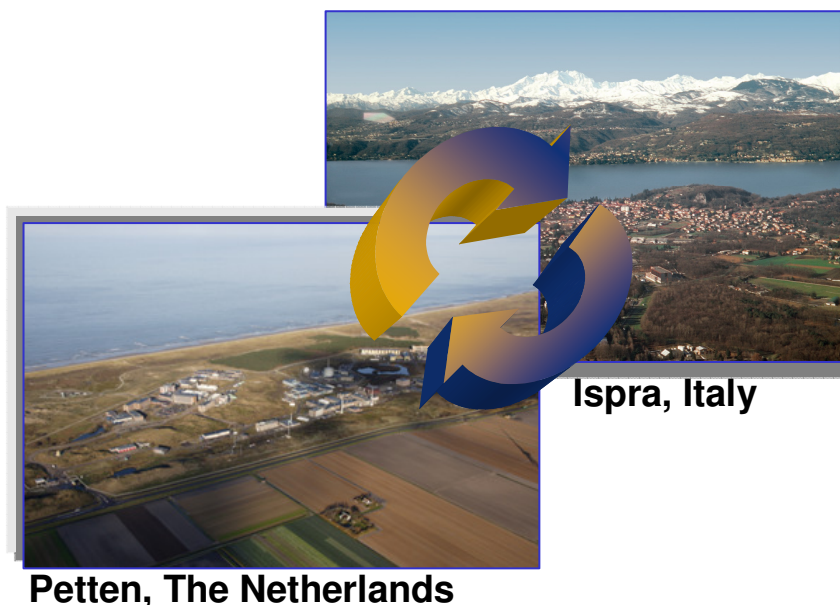


G.F. De Santi
Director
Institute for Energy and Transport
European Commission's Joint Research Centre





**Institute for Energy
and Transport**



The mission of the JRC-IET is to provide support to Community policies and technology innovation to ensure sustainable, safe, secure and efficient energy production, distribution and use and to foster sustainable and efficient transport in Europe.

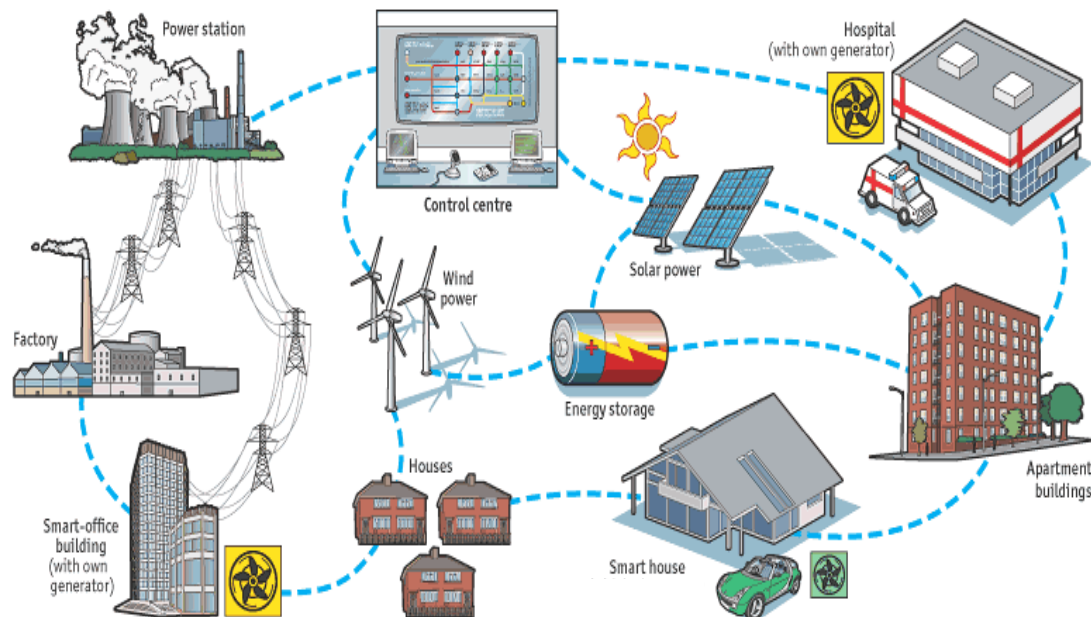
- Renewable energy
- Sustainable & safe nuclear energy
- Security of energy supply
- Energy techno/economic assessment
- Bioenergy including biofuels
- Hydrogen and fuel cells
- Clean fossil fuel
- Sustainable transport
- Energy efficiency



**JRC-IET increasingly contributing to research and policy initiatives
assessing/promoting Smart Grids**

- **Smart Grid Task Force (Reference Group)**
 - Smart Grid standardisation
- **Strategic Energy Technology (SET)-Plan**
 - SET-Plan Information System (SETIS)
 - European Electricity Grids Initiative (EEGI)
 - European Energy Research Alliance (EERA) on Smart Grids
- **Modelling and experimental activities**
 - Europe-wide power system modelling
 - Advanced real time simulation for experimental activities

Mutual interest in sharing lessons learned and best practices on Smart Grids. Both in Europe and in the US the focus is on demonstration projects to collect sufficient real-world field data to verify the costs, performance and benefits of smart grid technologies.



- Find common ground in Smart Grid assessment methodologies in EU and US
- Foster knowledge sharing and technical assistance across the Atlantic
- Build common approaches in assessment frameworks for Smart Grid advances, benefits, and impacts



- As a basis of discussion for the meeting, JRC and DoE have drafted a joint working document on “EU-US cooperation on Smart Grid assessment methodologies”
- The document will be integrated with the results of today’s meeting discussion
- This is possibly a first step toward a JRC-DoE report on Smart Grid assessment methodologies and other joint initiatives on this theme

**Thank you for
your attention**

Smart Electricity Systems
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