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DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Institute for Energy
Institute Director

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TO WHOM IT MAY CONCERN

Flagship FuturICT

As Director of the Institute for Energy of the Joint Research Centre, I am very pleased to confirm our strong interest and support to the FuturICT candidate FET Flagship Project.

The Institute for Energy (IE) provides scientific and technical support on energy issues to policy makers of the European Union (EU). Special emphasis is given to the security of energy supply and to more sustainable, safer and cleaner energy production and use for the future. The IE is one of the seven Institutes of the Joint Research Centre, a Directorate General (DG) of the European Commission. The JRC functions as a reference centre of science and technology for the EU. Close to the policy-making process, it serves the common interest of the Member States, while being independent of special interests, whether commercial or national. The IE is based both in Petten (the Netherlands) and Ispra (Italy) and has a multidisciplinary team of more than 350 academic, technical and support staff.

The JRC IE confirms its interest in the FuturICT initiative and in particular in the part of the research programme related to energy and sustainability in collaboration with the Politecnico di Torino and the other partners.

Specific areas of our interest that we would like to propose to FuturICT are:

- Assessment of the vulnerability, reliability and security of supply challenges of the energy transmission and distribution network infrastructures, based on dedicated models and simulation tools.
- Assuring the alignment of the FuturICT energy topic to European policy initiatives related to the development of the current and future transmission and distribution networks, keeping track of the evolution of the SmartGrids and Super Grids concepts during the development of the project.
- Supporting the cooperation on smart transmission and distribution grids with key international stakeholders.

With respect to the formalization of our participation, we will coordinate it with other potentially interested JRC institutes.

In conclusion, the JRC IE confirms its interest in the FuturICT initiative and in particular in the part of the research programme related to energy and sustainability.

Sincerely,

Dr. Giovanni De Santi

Director Institute for Energy

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