

EUROPEAN COMMISSION

JOINT RESEARCH CENTRE
Institute for the Protection and Security of the Citizen
Director

Ispra, 10th October 2011 JRC/G02/E/DAK/Is/Ares(2011)1075194

TO WHOM IT MAY CONCERN

SUBJECT: FuturICT Flagship project

It is with pleasure that I confirm the strong interest of the Institute for the Protection and Security of the Citizen (IPSC) of the Joint Research Centre (JRC) of the European Commission in the FuturICT candidate FET Flagship Project.

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 in the European Union, while being independent of special interests, whether commercial or national. The IPSC is one of the seven institutes of the JRC and through its research activities on ICT, engineering and complex systems, it provides scientific and technical support on security and crisis management issues to policy-makers of the European Union.

The IPSC proposes the following areas of interest for consideration in the FuturICT flagship project:

- Guiding the alignment of FuturICT topics to European policies concerned with internal and global security whose objectives include: preventing and combating crime and terrorism, preventing, anticipating and responding to crises and disasters, increasing the security of networked and physical infra-structures, cyber-security as well as ensuring trust and privacy in digital societies.
- Development of new data science capable of handling and fusing the fast increasing volume of data and information from sensors, machines and information-enhanced products with the next generation of information and communication technologies, thereby helping to address major security challenges such as innovative, resilient and secure societies.
- Facilitating and fostering the cooperation on ICT and crisis management as well as digital privacy and trust amongst European and international scientific research organizations, thereby supporting the development of innovative research and technologies needed to address major security challenges such as innovative, resilient and secure societies.
- Developing a better understanding of the anticipated impacts of FuturICT topics on ethics, in particular on privacy (beyond data protection), dignity and reputation, and developing methods, tools and techniques to design and implement ICT systems that genuinely convey and incorporate these moral values into the system life cycle.

The IPSC confirms its strong interest in the FuturICT initiative, particularly in the part of its research programme related to resilient and secure societies.

Yours sincerely,

Dr. Stephan Lechner

Director, IPSC

JRC: D. Al-Khudhairy, J.P. Nordvik

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