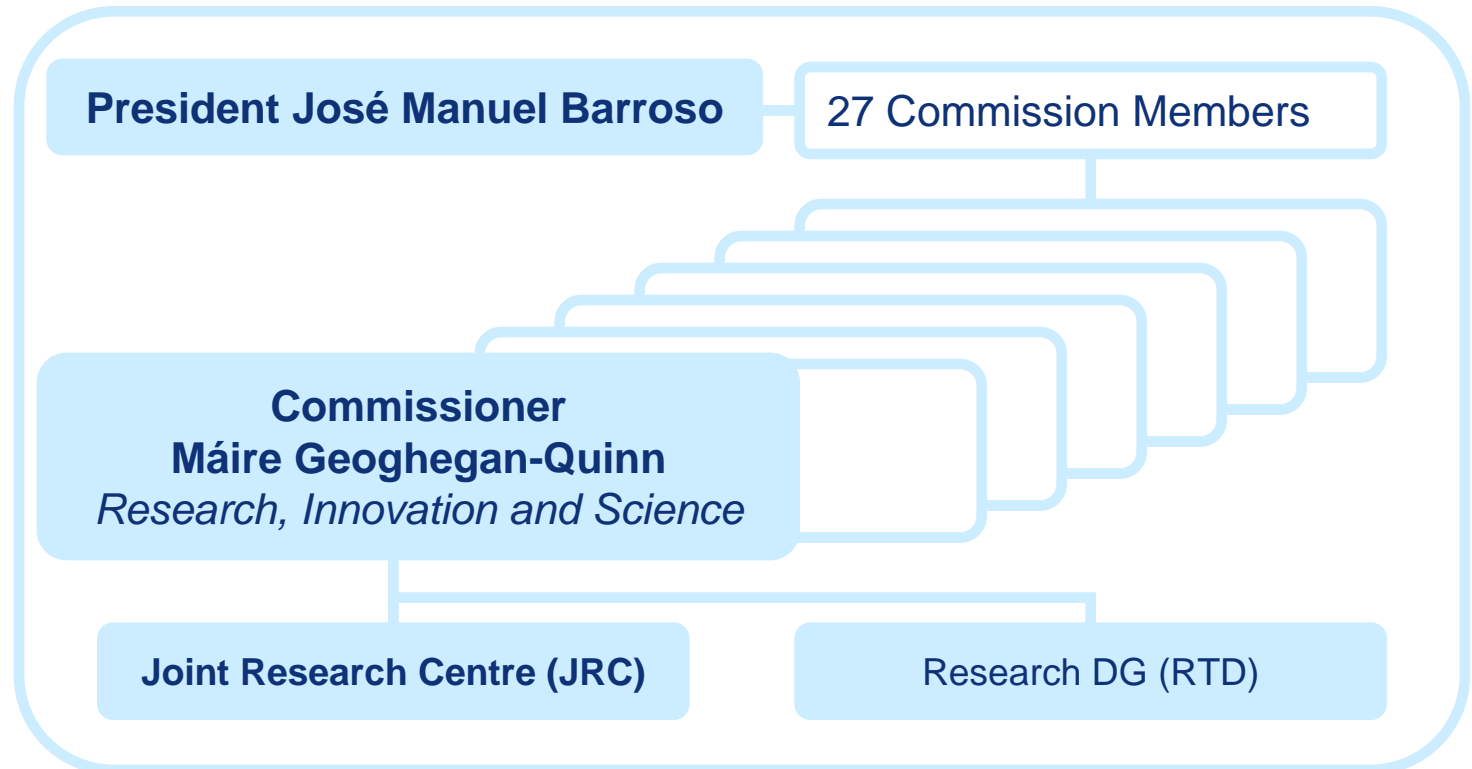


Standardisation for security and protection of the citizens

Dr. Alois J. Sieber, HoU,
EC, JRC IPSC, Ispra, Italy

**ANSI Homeland Security Standards Panel:
9th Annual Plenary Meeting: U.S. – European Collaboration on Security Standardisation Systems,
November 9th – 10th, 2010, Arlington, USA**

Where does the JRC fit in the European Commission?



The Mission of the Joint Research Centre

... is to provide customer-driven scientific and technical support for the conception, development, implementation and monitoring of EU policies.

As a service of the European Commission, the JRC functions as a reference centre of science and technology for the Union.

Close to the policy-making process, it serves the common interest of the Member States, while being independent of special interests, whether private or national.



Our Structure: 7 Institutes in 5 Member States

IRMM - *Geel, Belgium*

Institute for Reference Materials and Measurements

ITU - *Karlsruhe, Germany*

Institute for Transuranium Elements

IE - *Petten, The Netherlands – Ispra, Italy*

Institute for Energy

IPSC - *Ispra, Italy*

Institute for the Protection and Security of the Citizen

IES - *Ispra, Italy*

Institute for Environment and Sustainability

IHCP - *Ispra, Italy*

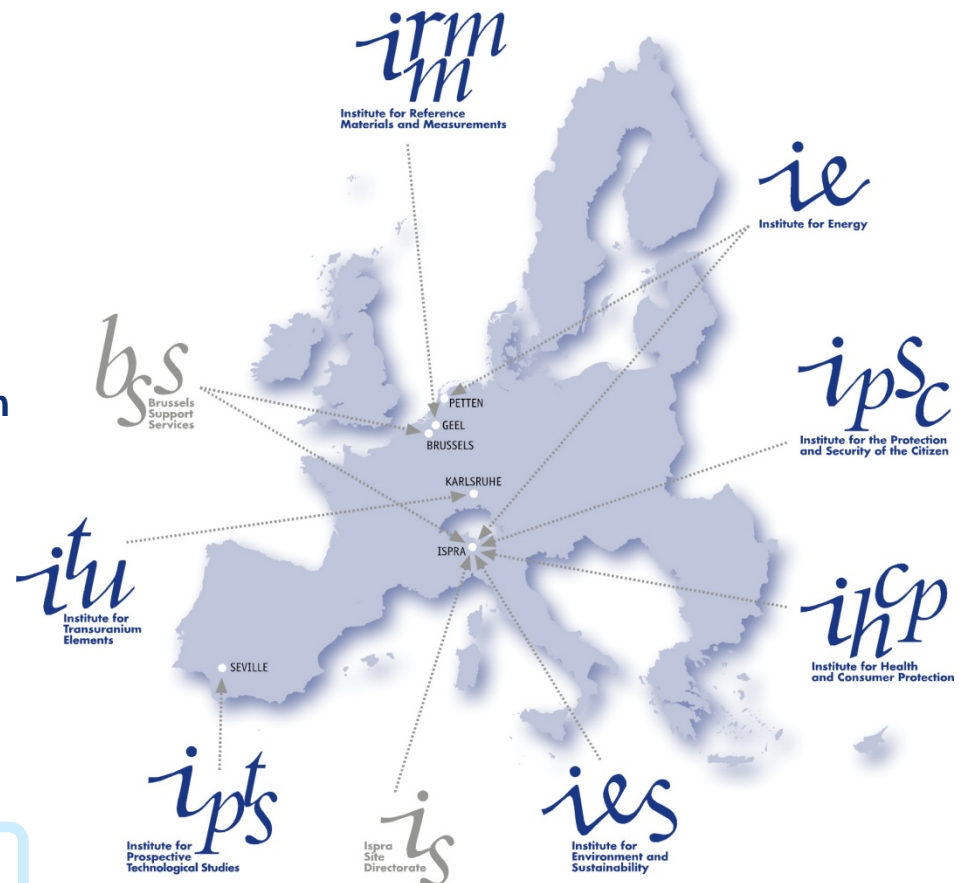
Institute for Health and Consumer Protection

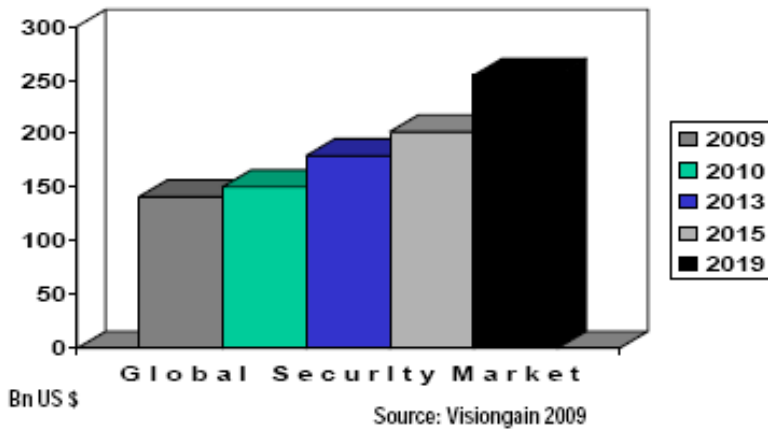
IPTS - *Seville, Spain*

Institute for Prospective Technological Studies

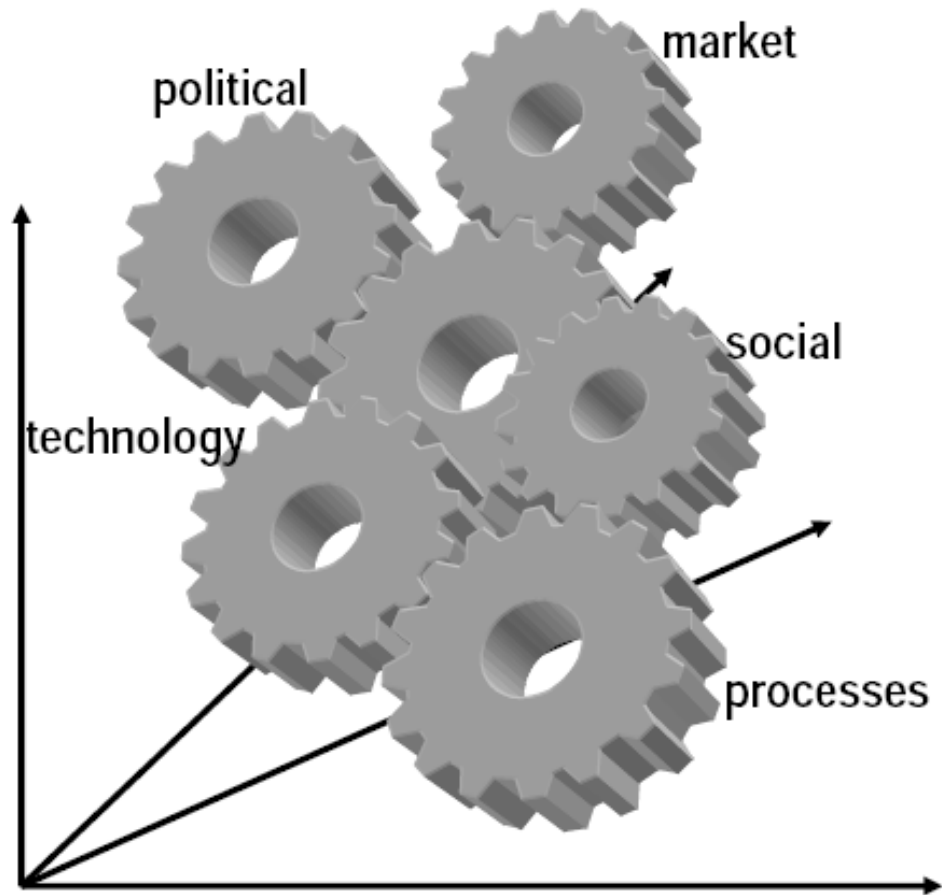
~ 2750 staff

~ 330 M€y budget (+ 40 M€y competitive income)

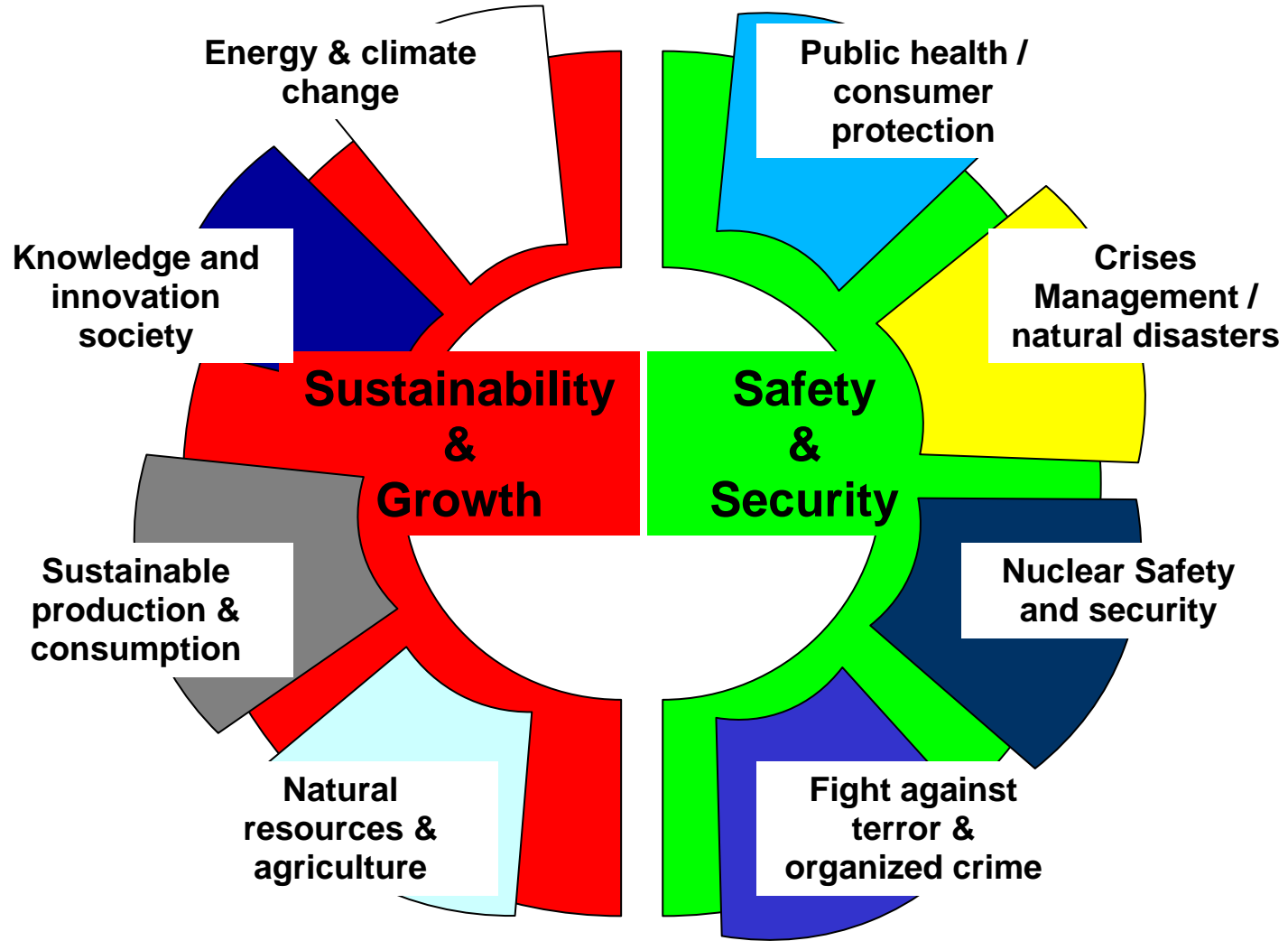




Security – a rapid expanding market



Security – a multidimensional challenge



EUROPE 2020

**A strategy for smart, sustainable and
inclusive growth (COM/2010/2020) states**

Initiative by President José Manuel BARROSO

Commission is proposing five measurable EU targets for 2020 in order to steer the process:

- for employment
- for research & innovation
- for climate change and energy
- for education
- for combating poverty

- Flagship initiative: “Innovation Union”
 - Based on improved framework conditions for innovation like setting up **interoperable standards**
- Flagship initiative: “Resource efficient Europe”
 - To use regulation building performance standards
- Flagship initiative: “An industrial policy for globalization era”
 - To develop a horizontal approach to industrial policy combining policy instruments (e. g. “smart” regulations, modernized public procurement, competition rules and **standard setting**)

In early 2011, the Commission will present a Communication accompanied by a legislative proposal on standardisation, which will *inter alia* cover the ICT sector, in order

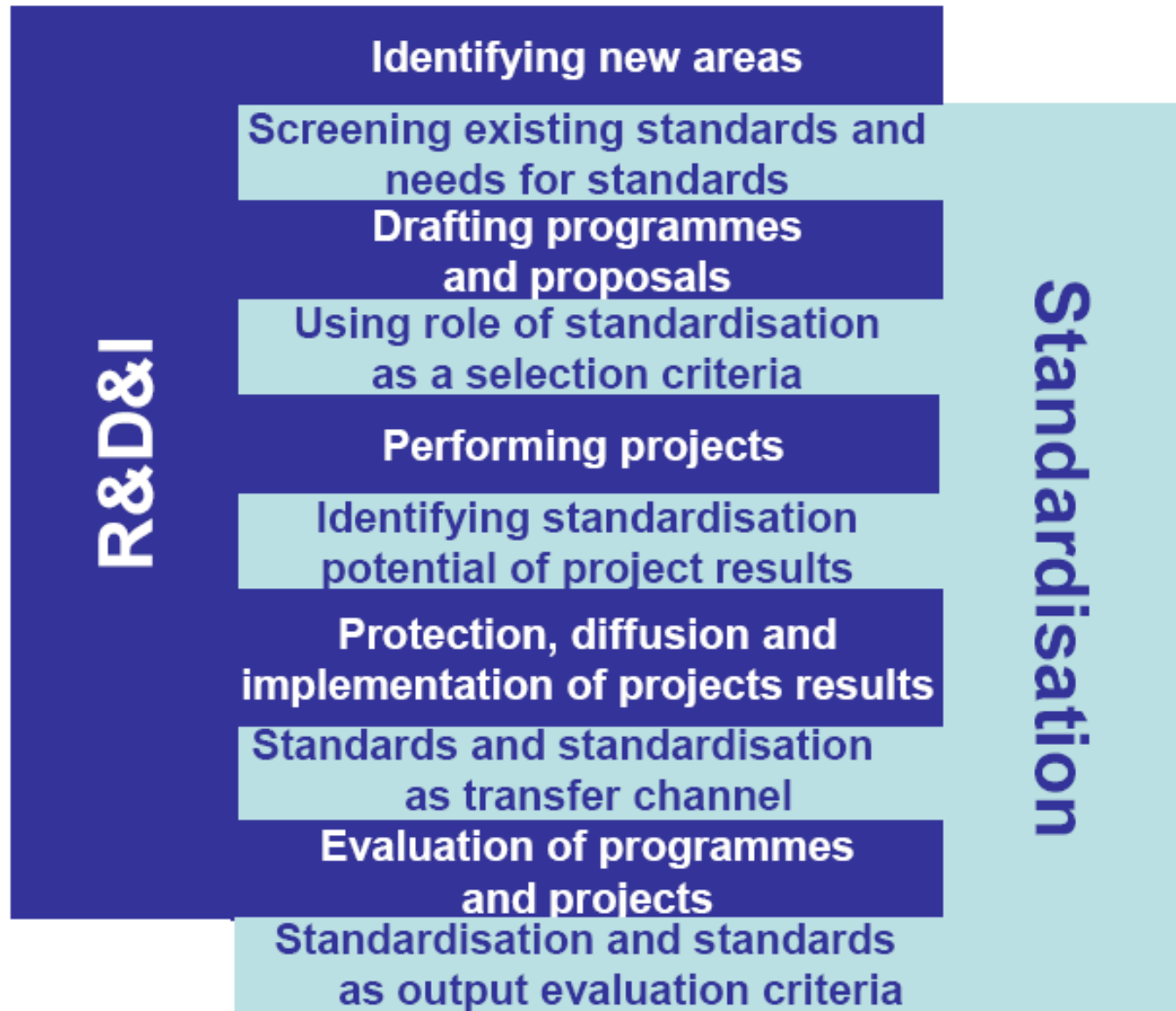
- **to speed up and modernise standard-setting to enable interoperability and foster innovation in fast-moving global markets.**

This will be combined with a multi-annual programme to anticipate new **standardisation needs** and **integration of standards into R&D projects** in the research Framework Programme.

A Report on the future of European standardization (2010/2051(INI)) by the Committee on the Internal Market and Consumer Protection underlines

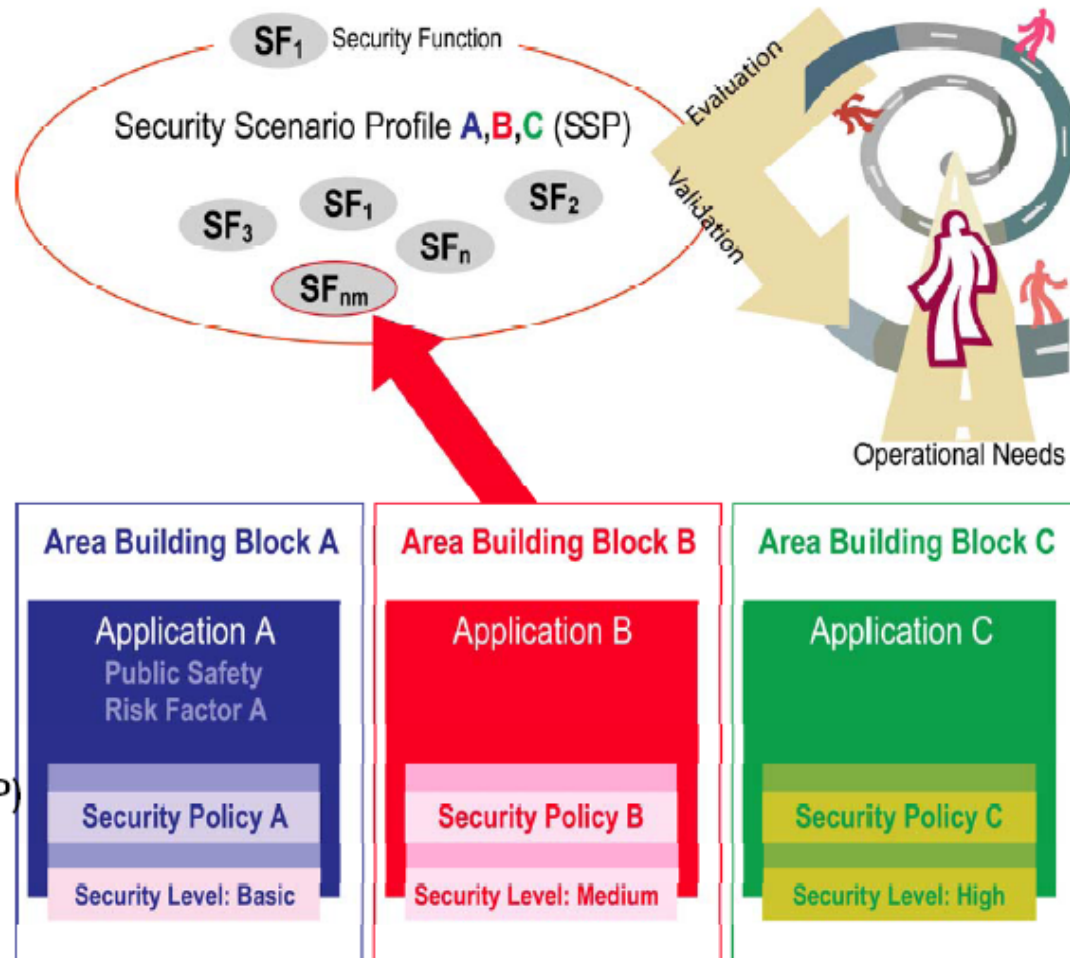
- *“the need to improve mutual awareness and cooperation between standardizers, innovators, academia and the research communities” and*
- *“the inclusion of new knowledge in standards, in particular from publicly funded research and innovation programmes”*

in order to promote innovation and competitiveness.

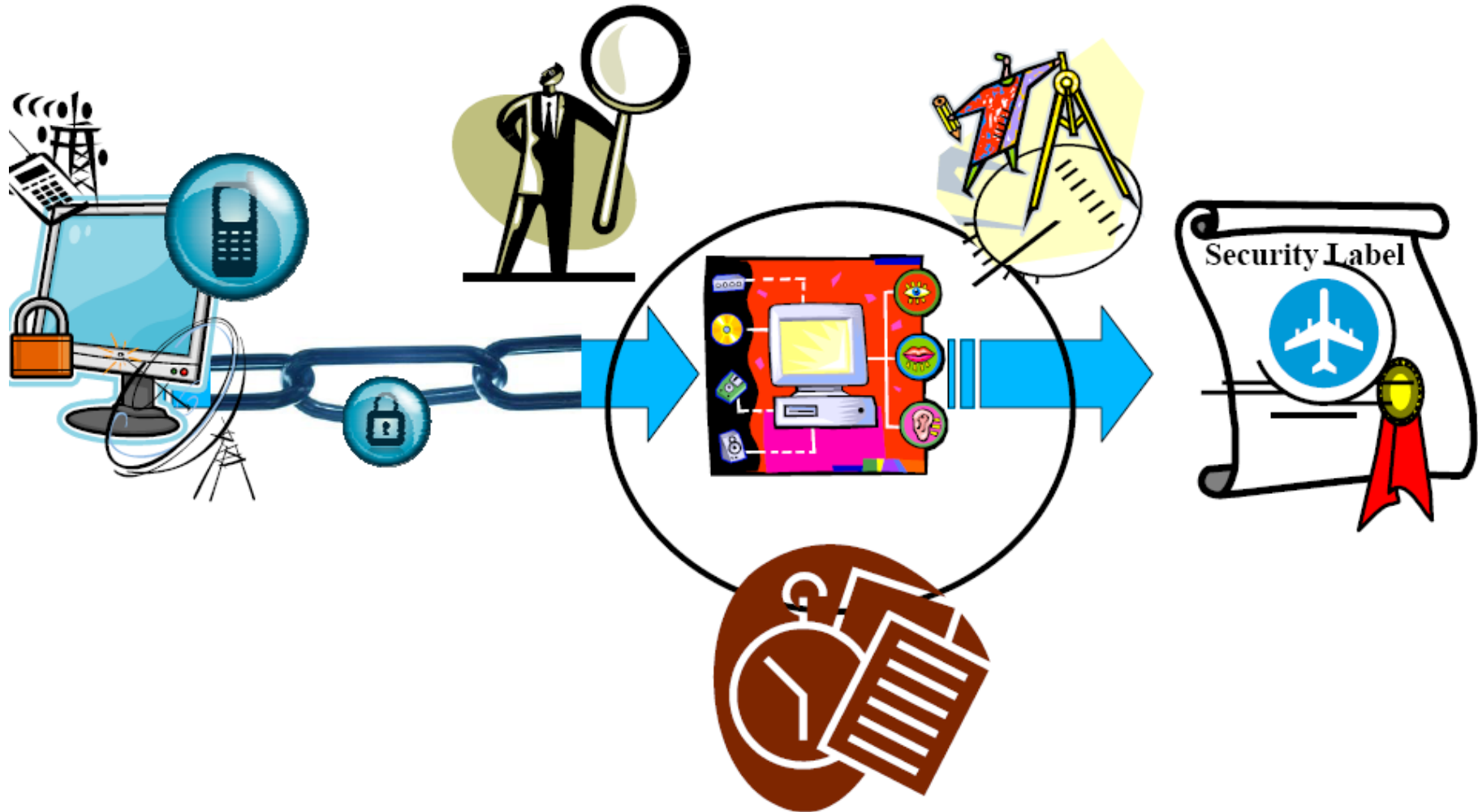


Ref.: STAIR

Application oriented flexible security mapping – the Security Scenario Profile (SSP)



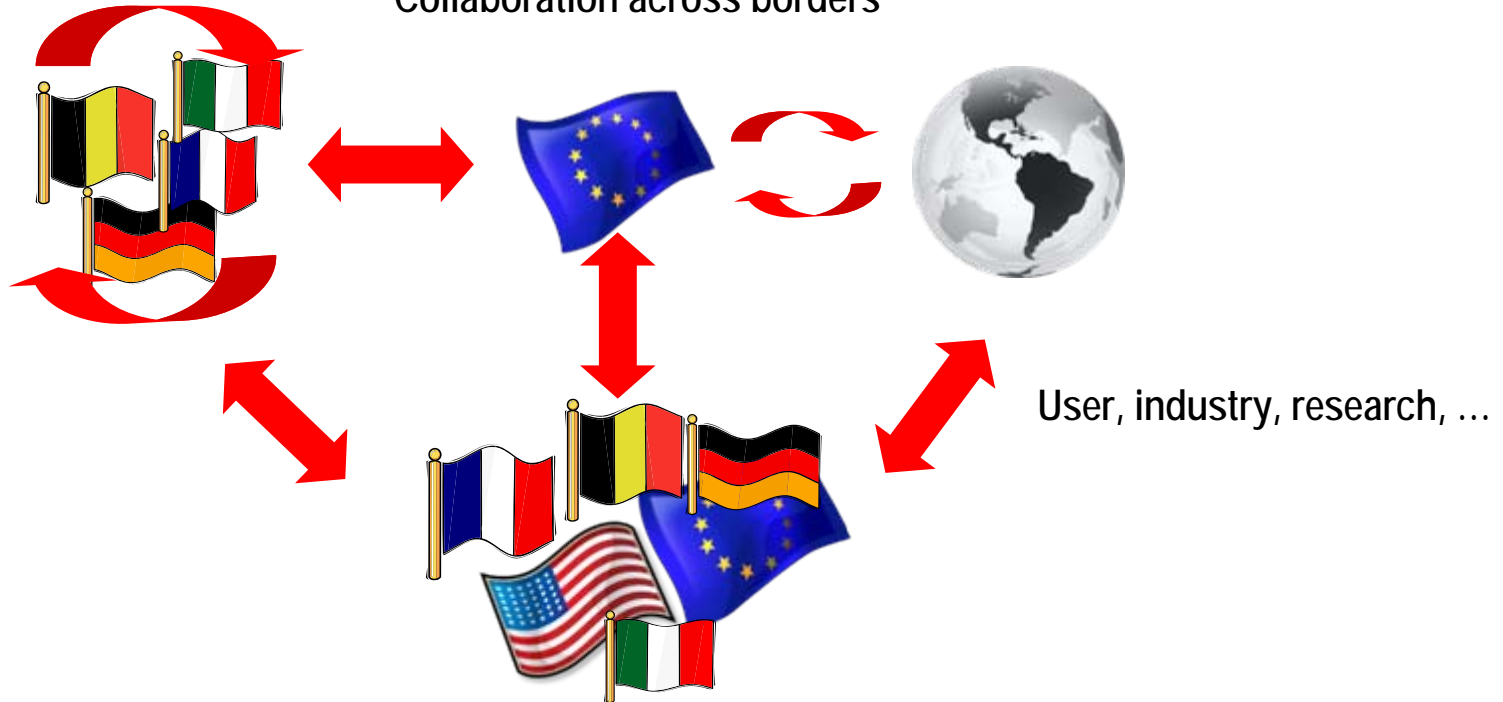
General structure of a Security Scenario Profile (SSP)



Measuring security and visualisation – how to do?



Collaboration across borders



Thank you for your attention.

Questions?

