

Joint Research Centre

The European Commission's in-house science service

www.jrc.ec.europa.eu

Artur Pinto

Head of Unit

*European Laboratory for
Structural assessment*

Institute for the Protection and
Security of the Citizen

Serving society

Stimulating innovation

Supporting legislation



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

Our Vision driven by the Europe 2020 Strategy... is to be a trusted provider of science-based policy options to EU policy-makers to address key challenges facing our society, underpinned by internationally-recognised research.

Our Impacts for the EU citizen... supporting general well-being via harmonised research on energy, environment, transport, climate change, safety of food and consumer products, crisis management, and nuclear safety and security, that have important positive impacts on the daily life of the citizen.

The EU strategy for growth and jobs

Europe 2020 – The Flagship Initiatives

Smart growth

- Digital agenda for Europe
- Innovation Union
- Youth on the Move



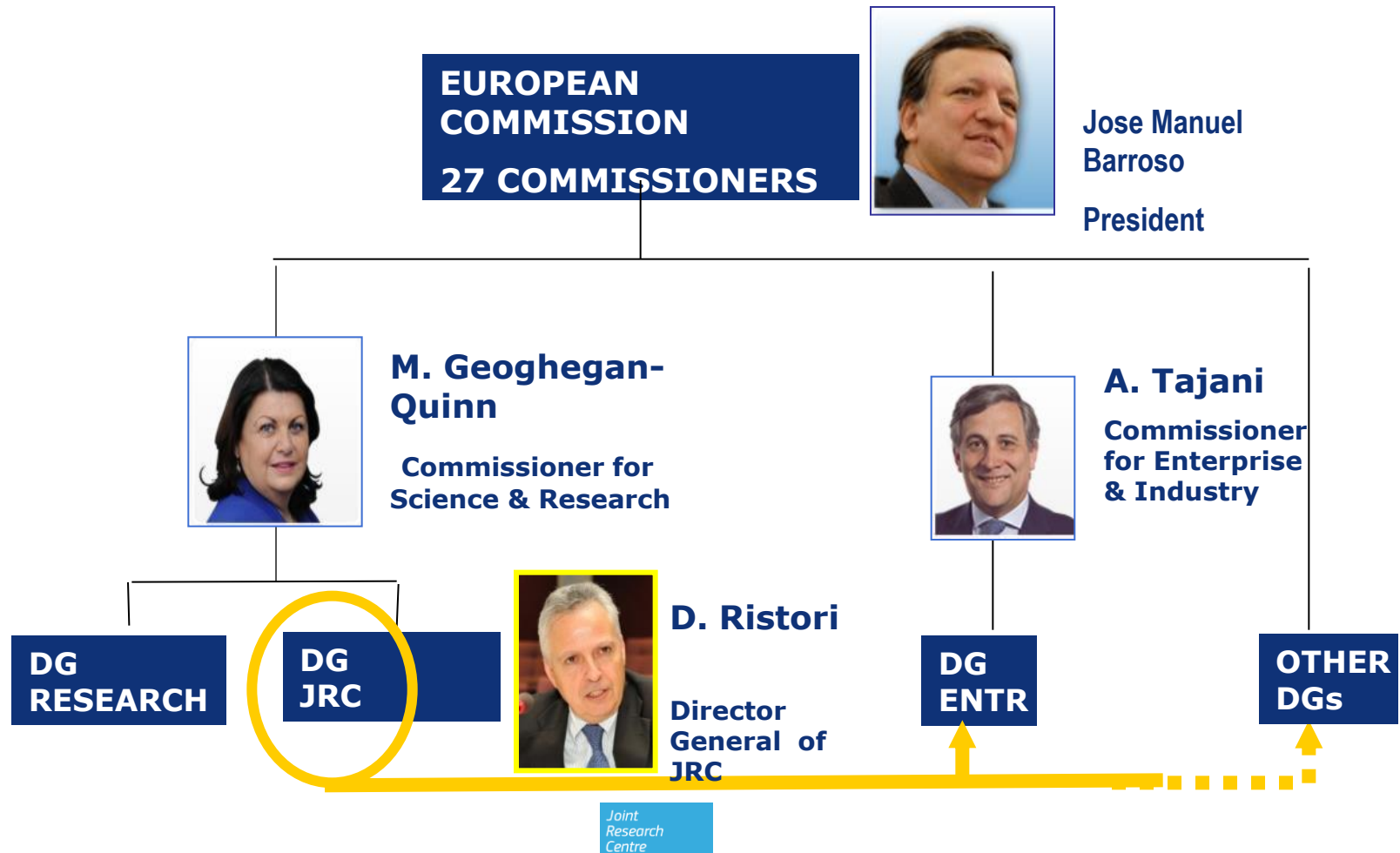
Sustainable growth

- Resource efficient Europe
- ***An industrial policy for the globalisation era***

Inclusive growth

- An agenda for new skills and jobs
- European platform against poverty

The JRC inside the European Commission



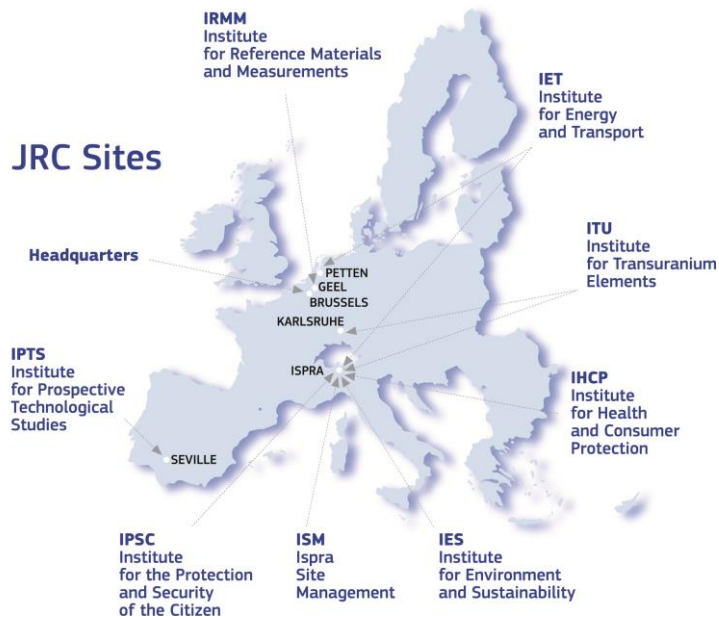
Main competence areas

- Energy
- Clean transport
- Environment & Climate change
- Agriculture & Food security
- Health & Consumer protection
- Safety and security, including nuclear
- Information and communication technology



Established 1957

- 7 institutes in 5 countries: Italy, Belgium, Germany, The Netherlands, Spain
- 2,822 permanent and temporary staff in 2012
- 1,443 scientific publications in 2012
- 125 instances of support to the EU policy-maker annually
- 2012 Budget: €381 million, plus €82 million earned income



Where you can find us

- **Corporate Services** – *Brussels*
- **IRMM** – *Geel, Belgium*
Institute for Reference Materials and Measurements
- **ITU** – *Karlsruhe, Germany and Ispra, Italy*
Institute for Transuranium Elements
- **IET** – *Petten, The Netherlands and Ispra, Italy*
Institute for Energy and Transport
- **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

IPSC: facts and figures

- **Staff:** 305 total (mid-September 2013)
- **Organisation:** 7 scientific units
- **Budget:** 30% from competitive projects
- **Research:** 7 laboratories
- **Science:** 84 peer-reviewed journal articles in 2012
- **Policy support:** Working for 20 DGs in Brussels

IPSC: mission

The mission of the IPSC is to **enhance safety and stability of the European society** on the basis of an agreed EU agenda by creating scientific results and turning them into measurable impact.

Based on a combination of advanced ICT and engineering expertise, IPSC provides European policy makers with **scientific and technology advice** on issues relevant to safety, security and stability within and outside the EU.

Due to the horizontal nature of its work, the IPSC closely **collaborates** with a large number of **European and international stakeholders** from different expert communities.

IPSC Concept and Units

Intelligent **Mechanisms** for Protection and Security of the Citizen

Monitoring &
Surveillance

Global Security and Crisis Management

Delilah Al Khudhairy

Maritime Affairs

Alessandra Zampieri

The individual
Citizen

**Digital Citizen
Security**

Jean-Pierre Nordvik

Infrastructure
Protection

**European Laboratory
for Structural Assessment**

Artur Pinto

Financial Analysis

Francesca Campolongo

**Security Technology
Assessment**

Neil Mitchison

Society

Econometrics and Applied Statistics

Andrea Saltelli

Competencies



**Remote
sensing
and data
analysis**



**Complex
systems**



Engineering

Support to the Implementation of the Eurocodes:

Who ?

- **European Commission** (DG ENTR and DG JRC)
- **In cooperation** with: CEN, Member States, and National Standardization Bodies (NSBs)

How ?

- **Informatics tools** (Eurocodes website, helpdesk, NDPs database, Background Documents database, ...)
- **Training Workshops** (Level 1, Level 2/3)



- **Supported by** the JRC Enlargement and Integration action, DG ENTR, DG ELARG, CEN MC, CEN/TC250, MS (Belgium, Bulgaria, Croatia)

- **Participants from non-EU countries** (Albania, Bosnia and Herzegovina, former Yugoslav republic of Macedonia, Moldova, Montenegro, Serbia and Turkey) and Croatia

- Focus on the **progress and specific needs** for adoption and implementation of the Eurocodes and related EN standards in the Balkan region



ADOPTION OF THE **EUROCODES** IN THE **BALKAN** REGION

5-6 December 2013
MILAN & JRC-ISPRA, ITALY

Organized by
EUROPEAN COMMISSION
DG **J**oint **R**esearch **C**entre

Supported by
EUROPEAN COMMISSION
JRC **E**nlargement and **I**ntegration **A**ction



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20 December 2013

