



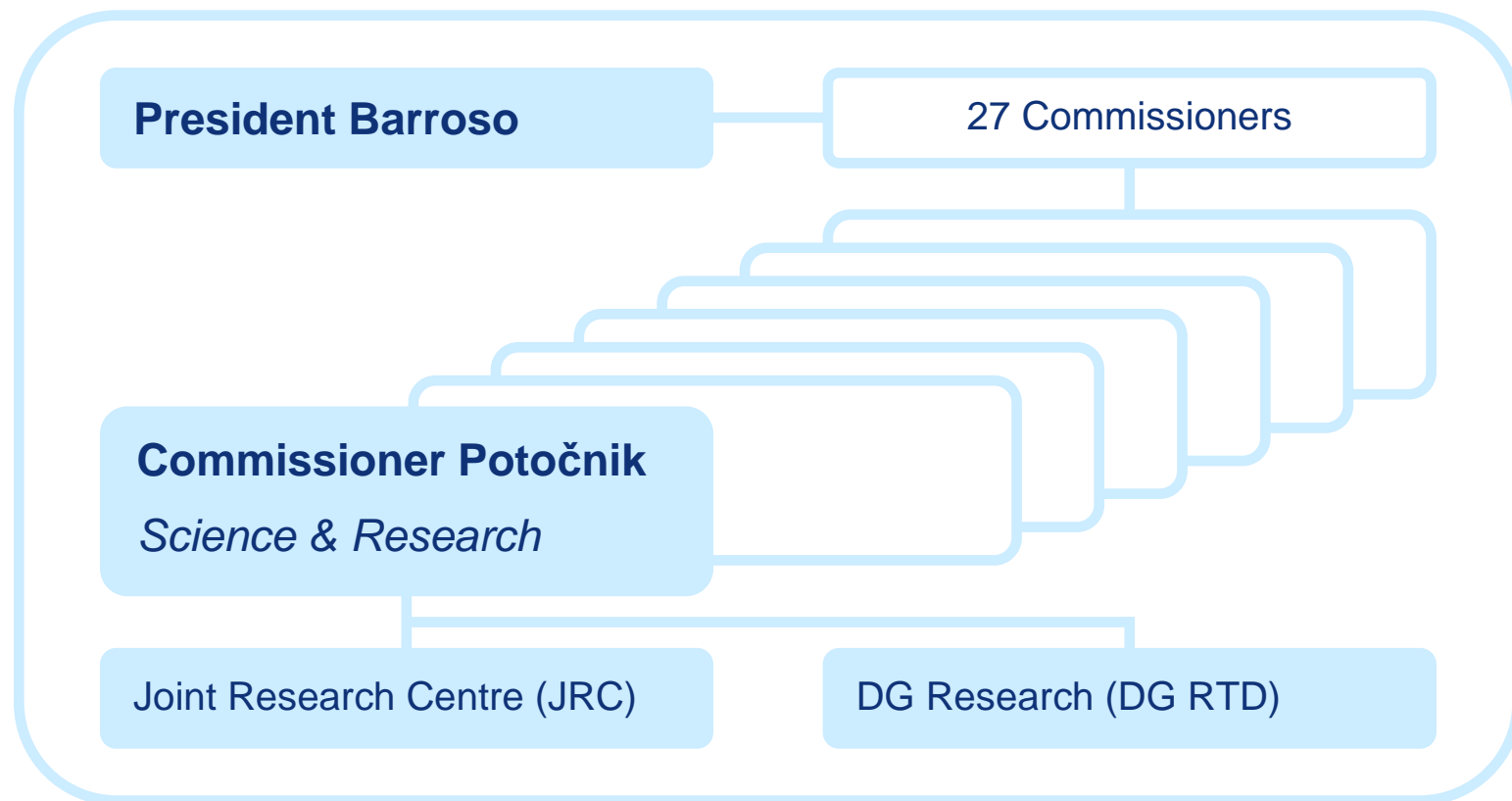
# The Joint Research Centre (JRC)

## Supporting EU Enlargement: Focus on Turkey

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*Istanbul, 27 April 2009*

<http://www.jrc.ec.europa.eu>



- 7th Framework Programme for Research and Technological Development (2007-2013)
- Total **Budget** approx. 54 b€ over 7 years
- **Indirect Research Actions:** implemented thorough grants and other subsidies (DG RTD)
- **Direct Research Actions:** Implemented by the EC (Joint Research Centre) - Total Budget approx. 2.3 b€

- Turkey fully associated to FP7, thus allowing same rights and obligation of the MS
- Turkey also provides a financial contribution to FP7 of about 450 M€ (over 7 years), under favorable conditions (rebate from 80% to 50%)
- Action Plan to increase Turkish participation in FP7 (unsatisfactory results experienced in FP6, 2002-2006)
- EU-Turkey accession negotiations for science and research (Chapter 25) already closed

- Succesfull first two years of FP7
- TK much more active than in the past in promoting FP7
  - TK has taken several effective research capacity measures at national level, planned support projects under IPA and is organising at regular intervals FP7 Info days, which often gather more than 500 persons
- In First FP7 calls (cooperation), most succesful areas were ICT, nanomaterials, transport, food and biotech and security
- Success rate should be improved (~12% over ~19% EU average)
- Participation of TK in EURATOM R&D (nuclear) in the pipeline (requires Council Decision)

... 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.



**IRMM** - Geel, Belgium

Institute for Reference Materials and Measurements

**ITU** - Karlsruhe, Germany

Institute for Transuranium Elements

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

Institute for Energy

**IPSC** - Ispra, Italy

Institute for the Protection and Security of the Citizen

**IES** - Ispra, Italy

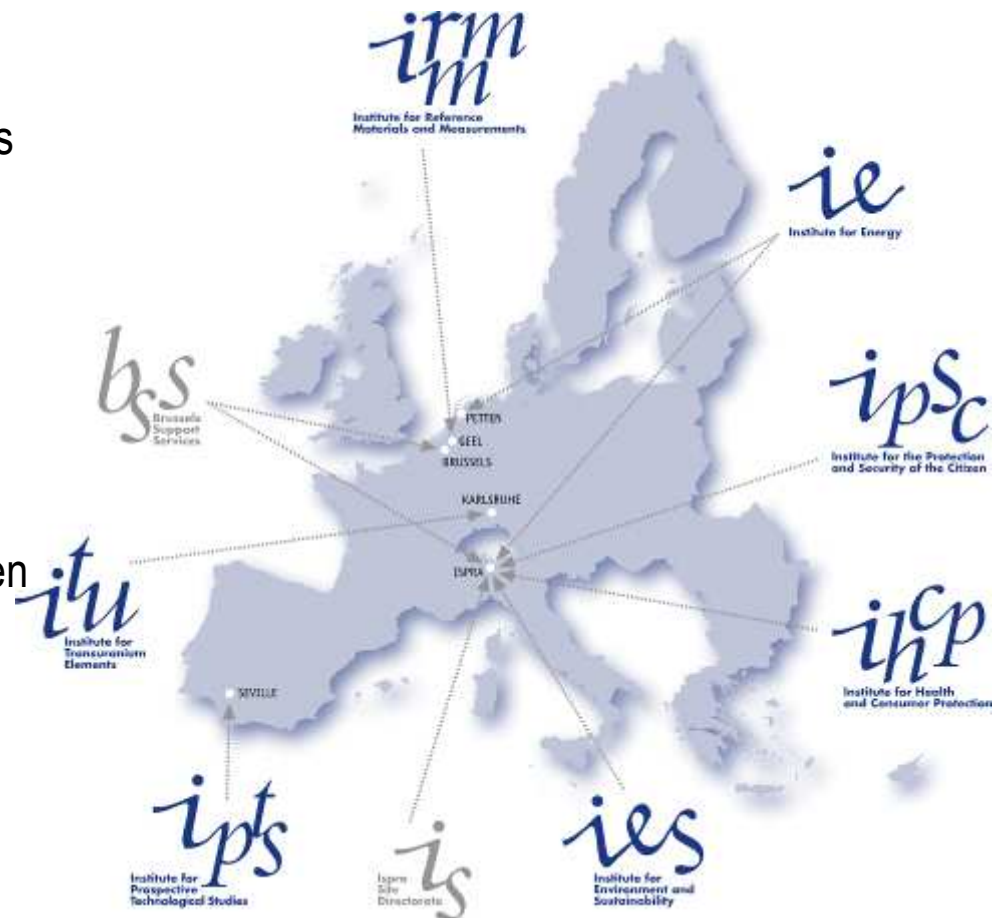
Institute for Environment and Sustainability

**IHCP** - Ispra, Italy

Institute for Health and Consumer Protection

**IPTS** - Seville, Spain

Institute for Prospective Technological Studies



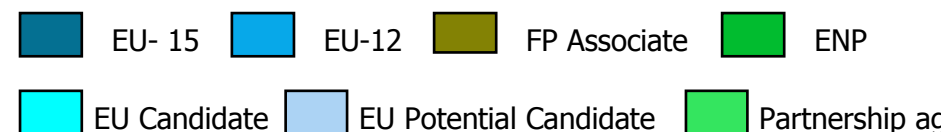
~ **2650 staff + 250 competitive**

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



## Strategic Objectives:

- To help the New Member States, Candidate and Potential Candidate Countries in dealing faster with the “EU acquis” in areas of JRC competence
- To contribute to the development of the “European Research Area”





## Through 4 intertwined instruments:

- 1. Projects and Networks**
- 2. Job opportunities (hosting experts; exchange of staff)**
- 3. Advanced training courses and workshops**
- 4. Information and awareness action**



- **+ 300 Turkish experts participated in JRC workshops in 2008**
- **5 high-level visits of some 70 Turkish top experts from R&D**
- **13 JRC projects and networks** involving Turkish organisations (8 since Oct 2006)
- **12 Turkish researchers** currently working at the JRC Institutes  
+ 2 more are expected to join shortly
- **24 new profiles for Turkish PhD and post-docs published on 14th January 2009 by the JRC and TÜBİTAK**

- **Turkish Atomic Energy Authority** – radioactivity environmental monitoring
- **TÜBITAK** - supporting the bi-regional dialogue and setting research priorities for FP7 in Western Balkans
- **Food Institute, Marmara Research Centre** – monitoring hazards in the food supply chain, GMO
- **Middle East Technical University** - ocean and marine data management
- **University of Istanbul** - major accident hazards monitoring, seismic engineering
- **Bogazici University** - assessing and modelling sea ecosystem changes



- Turkey is an important member of the European Research Area (great human potential, high quality universities, good research infrastructure, large industries)
- Participation of Turkey in FP7 indirect actions is on a growing path
- JRC is assisting Turkey in acquiring knowledge of the S&T bases of EU acquis
- Good track record of JRC-Turkey collaboration activities with clear progress in recent years
- JRC-Tübitak scheme for young Turkish researchers to be trained at JRC Institutes promising tool



# Joint Research Centre (JRC)

*Robust science for policy making*

*Thank you for your attention !*

