



# Joint Research Centre

Supporting research,  
technological development  
and innovation



**Vladimír Šucha**  
Director General

Serving society  
Stimulating innovation  
Supporting legislation

Joint  
Research  
Centre



# The JRC in the Commission



President José Manuel Barroso

+ 28 Commission Members

... DG Environment

DG Climate Action

DG Agriculture and Rural Affairs ...

Commissioner Geoghegan-Quinn

*Research, Innovation and Science*

DG Joint Research Centre

DG Research and Innovation

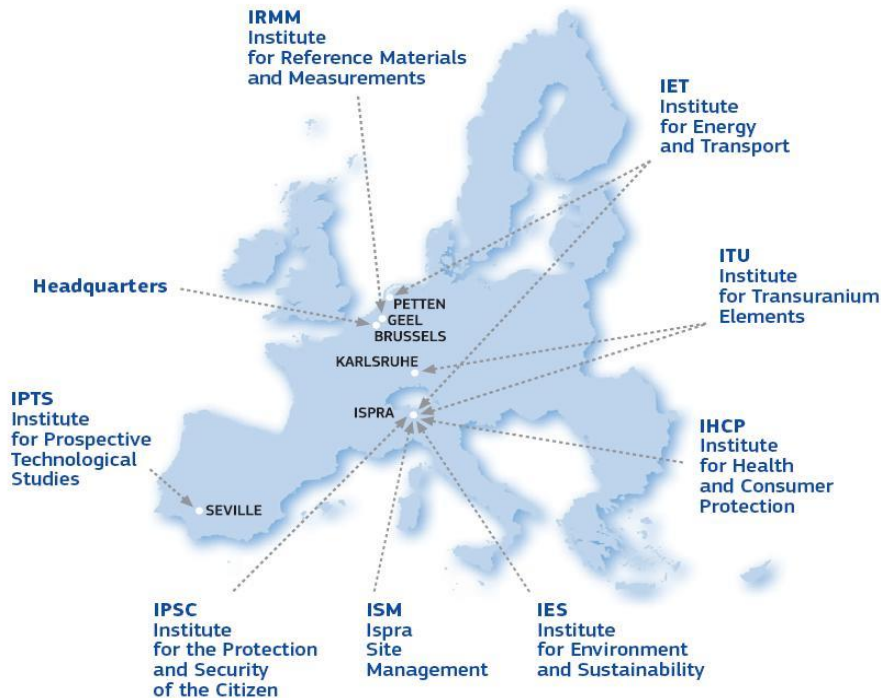
**Science for Policies**

**Policy for Science**

# JRC at a glance



- Established 1957
- **7 institutes** in **6 locations**
- **3022 staff** in April 2014
- **1388 scientific publications** in 2013
- Budget: **€393 million** annually, plus **€73 million** earned income



## JRC's structure

## JRC Institutes

- **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

# Mission and the role of the JRC



- **Independent, evidence-based scientific and technical support**
- **Works in support of other Commission services, EU Institutions and Member States**
- **Independent of industrial and national interests**





**Policy anticipation**

**Policy formulation**

**JRC**

**Policy evaluation**

**Policy adoption**

**Policy implementation**

**Ad-hoc policy support**

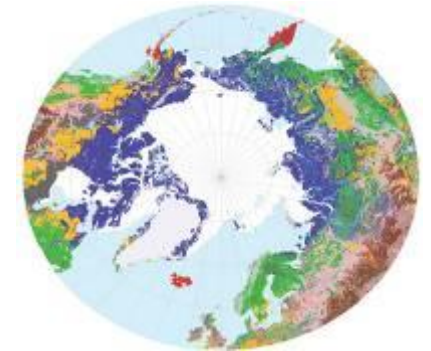


Policy anticipation

## Horizon scanning and foresight

Policy anticipation

## Scientific support to standardization



Policy formulation

## Biofuels and Indirect Land Use Change (ILUC)

# Supporting EU Policies



Policy adoption

## Banking Union – Single Resolution Mechanism



Policy implementation

## INSPIRE: Harmonising environmental data worldwide



Policy implementation

## Making the EU's electricity grids smarter



Policy monitoring and evaluation

## Fitness Check – Petroleum refining sector

Policy monitoring and evaluation

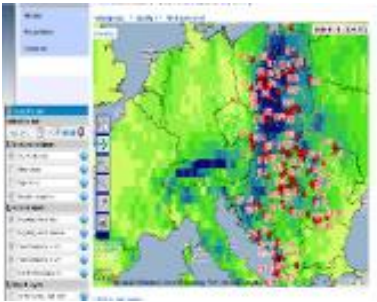
## Research and Innovation Observatory (RIO)





Ad-hoc policy support

## Nuclear forensics support to Member States



Ad-hoc policy support

## European Flood Alert System and European Forest Fire Information System

## JRC Scientific excellence

**622** books and articles in peer-reviewed journals

**573** scientific and technical reports in 2013

**JRC scientific impact globally (2005-2012)**

**6,557** JRC articles

**61,849** citations



### 40 specialised large scale infrastructures

#### Vehicle Emissions Laboratory



#### European Laboratory for Structural Assessment (ELSA)



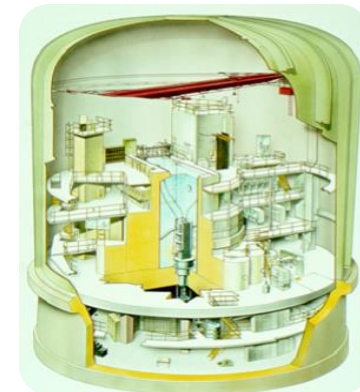
#### 7 European Union Reference Laboratories (EURL)



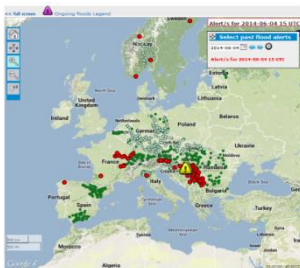
## European Crisis Management Laboratory



## 45 MW High Flux Reactor (HFR)



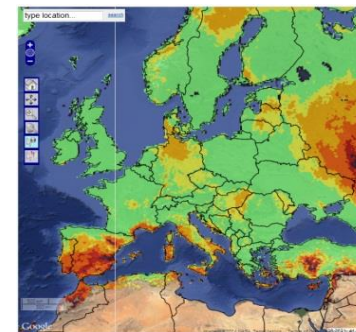
### 146 scientific databases and models



**EFFIS European Forest  
Fire Information System**



**EFAS European Flood Alert System**



# A well connected organisation



## WHO

JRC collaborates extensively with over **1 000** public and private organisations worldwide.

### Partners include:

- National and Regional Authorities
- Industry
- Academia
- Individual Researchers

## JRC collaborates with Slovak Republic in:

- 8** Collaboration Agreements
- 16** Competitive activities (FP7 Projects)
- 22** Institutional Networks



# A well connected organisation



## HOW

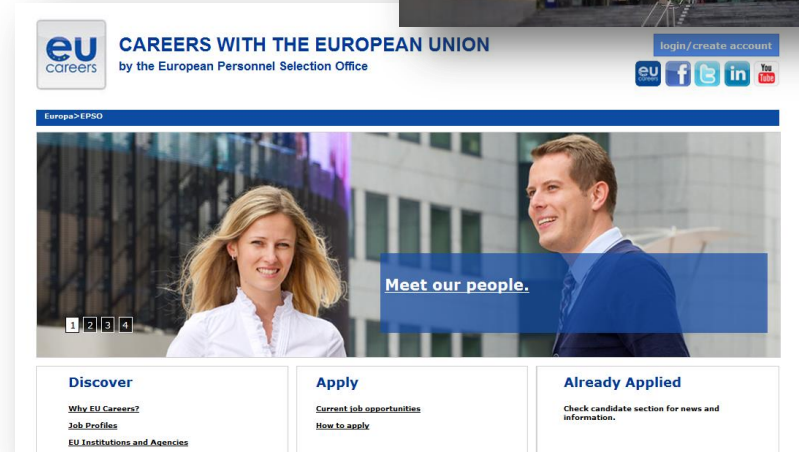
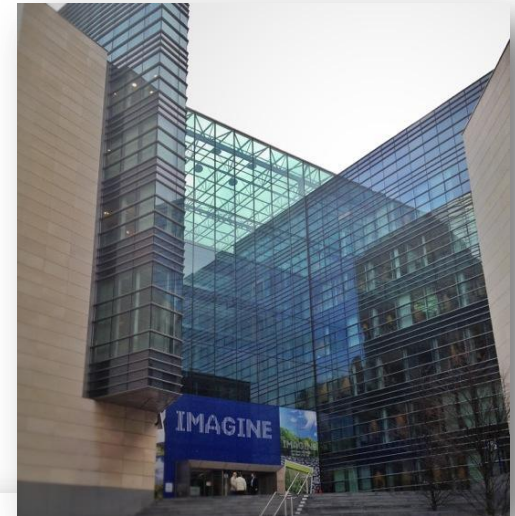
### Opportunities provided to work with the JRC:

- Joint research
- Joint publications
- Access to JRC infrastructure
- Exchange of information and data
- Exchange of personnel
- Joint conferences and events
- Ad hoc requests...etc.
- But no transfer of money



## Career opportunities at the JRC

- Permanent staff (unlimited contract duration)  
currently **1831** at JRC
- Temporary staff (6 years maximum duration)  
currently **1191** at JRC



The screenshot shows the 'EU CAREERS' website. At the top, it says 'eu CAREERS' and 'CAREERS WITH THE EUROPEAN UNION by the European Personnel Selection Office'. There are social media icons for Facebook, Twitter, LinkedIn, and YouTube, along with a 'login/create account' button. Below this is a navigation bar with 'Europa > EPSO'. The main banner features a woman and a man with the text 'Meet our people.' and a small navigation bar with numbers 1, 2, 3, 4. Below the banner are three columns: 'Discover' (with links for 'Why EU Careers?', 'Job Profiles', and 'EU Institutions and Agencies'), 'Apply' (with links for 'Current job opportunities' and 'How to apply'), and 'Already Applied' (with a link for 'Check candidate section for news and information.').



# Opportunities at JRC



## Temporary positions

- For EU nationals (6 year maximum duration)
- Selection through specific calls or open competitions by European Personnel Selection Office (EPSO)

[http://europa.eu/epso/index\\_en.htm](http://europa.eu/epso/index_en.htm)

### Ongoing call for expression of interest in generalist profiles

Database from which contract staff will be engaged in general fields of activity: [http://ec.europa.eu/civil\\_service/job/index\\_en.htm](http://ec.europa.eu/civil_service/job/index_en.htm)



The screenshot shows a webpage titled "Job opportunities" with a navigation menu on the left. The main content area features a section titled "New call for Contract Agents". The text in this section describes a call for expressions of interest for a pool of contract agents in function groups II, III, and IV. It mentions that successful candidates will be offered a fixed-term contract under article 3b of the Conditions of Employment of Other Servants of the European Union (CEOS). The call does not cover 3A-contract types. The majority of contracts will be granted in the Commission's main places of employment: Brussels (Belgium), Luxembourg (Luxembourg) and Ispira (Italy), although some positions may be open in other places of employment, such as Geel (Belgium), Karlsruhe (Germany), Petten (The Netherlands) and Seville (Spain). A small photo of a man in a suit is visible in the bottom left corner of the screenshot.

**About us**

**A modern administration**

**Job opportunities**

Permanent officials

Managers

Temporary agents

Contract Agents

Seconded National Experts

Traineeships

EU CV Online

**Audiences**

**Job opportunities**

**Working for the European Commission is challenging!** You will not find another organisation like it, in terms of the work you will be doing and in terms of the genuinely multicultural environment in which you will find yourself.

09/09/2013

**New call for Contract Agents**

The European Commission is launching a call for expressions of interest to set up a pool of contract agents, in function groups II, III and IV in the following generalist fields: administration, audit, secretariat, economy, finance, information and communication, languages, law, policy, program/project management and statistics...

To participate in this call for expressions of interest, you must apply through 'EU CV online'. If you are not yet registered in this database, you must first create an account and an electronic CV. Once your CV is completed, you may choose and apply for the call(s) for the corresponding function group(s). You may apply for one or several function groups, provided you fulfil the eligibility requirements for the corresponding function group, as set out in the call for expressions. In each function group candidates may choose one or several profiles and places of employment.

The Commission services will search the database and identify candidates to be invited for competency interviews. The successful candidates will be offered a fixed-term contract under article 3b of the Conditions of Employment of Other Servants of the European Union (CEOS). This call does not cover 3A-contract types which may lead to an indefinite duration contract. The majority of contracts will be granted in the Commission's main places of employment: Brussels (Belgium), Luxembourg (Luxembourg) and Ispira (Italy), although some positions may be open in other places of employment, such as Geel (Belgium), Karlsruhe (Germany), Petten (The Netherlands) and Seville (Spain).

[Before applying, please read the call for expressions carefully](#) [297 KB]

**To start your application, please click here**

## Research career opportunities

✓ **PhD students (56 in 2013)**

Researchers starting their careers, who submit a proposal for doctoral studies related to a research area published in a JRC institute's call

✓ **Post-Docs (currently 633)**

Researchers holding a doctoral degree or with a minimum of 5 years of research experience

✓ **Senior scientists (currently 45)**

Researchers with a proven reputation and a high level of experience

# Opportunities at JRC



## Scientific Trainees

### Two types:

- Preparation of a thesis for a university degree
- Post-graduate training within 5 years after the last degree (between 3 and 5 months duration)

## Short Term Visit

Pairing of scientists  
(i.e. The UK Royal Society senior scientist at JRC)

## Blue Book Trainees at JRC

**European Commission Traineeship Programme**  
5 months : (March – July; October – February)



# JRC Science Hub

- Overview of JRC
- JRC Research Projects
- Dedicated pages for each institute
- Scientific Publication
- News&Events
- Opportunities for collaboration
- Job Opportunities

**Joint Research Centre (JRC)**  
**JRC Science Hub**  
*Bringing together scientific knowledge for Europe*





EU at  
**EXPO**  
MILANO 2015

**EXPO**

The EU exhibition at EXPO MILANO 2015 will illustrate EU's key role in global food security. "Feeding the Planet: Energy for Life" is the EXPO theme.

[Discover EXPO Milano 2015](#)

- ▶ Check our scientific tools
- ▶ Discover our labs & facilities
- ▶ Meet our people
- ▶ Find a job
- ▶ Visit us

**ITU News**



**3 APR 2014**

**JRC supports Member States with nuclear forensics expertise**

Visualising latent fingerprints is common practice for police forensic laboratories in EU countries, but if the evidence is radioactively contaminated, the laboratory cannot process the fingerprints.



**13 FEB 2014**

**Strengthening cooperation for countering nuclear and radioactive smuggling**

A counter nuclear smuggling workshop, co-hosted by the Institute for Transuranium Elements of the European Commission Joint Research Centre and the United States of America, took place on 11-13 February. The International Atomic Energy Agency's (IAEA) Incident and Trafficking Database (ITDB) indicates that nuclear and radioactive materials continue to be encountered out of regulatory control.

**JRC-ITU Video Gallery**

JRC-ITU Basic Research



0:00 / 6:39

JRC-ITU Atomic Detectives



0:00 / 7:17



# You are welcome at the JRC

[www.jrc.ec.europa.eu](http://www.jrc.ec.europa.eu)