

Joint Research Centre (JRC)

Serving society, stimulating innovation,
supporting legislation

JRC support to the Enlargement and Associated Countries

Zagreb2015



Support of the Joint Research Centre to Enlargement

The JRC is playing an important role in providing scientific and technological support for the **European Union Enlargement and Integration Process**.

Enlargement and Integration Action (E&IA)

In line with its mission, the JRC has been running since 1999 the Initiative Enlargement and Integration Action



Objective:

Support the transposition of *acquis communautaire* to national legislation of the Enlargement countries



JRC KEY NETWORKING STRUCTURES

JRC Board of Governors

- Three plenary sessions per year – strategic decision making
- Ad-hoc groups to in-depth address specific issues
- Presenting JRC activities in their respective countries



National Contact Points

- Annual Meeting (Ispra – 26-27 March 2015)
- Networking activity

WBC Inco.Net: Steering Platform on Research for Western Balkan Countries





JRC Instruments and Actions 1/2

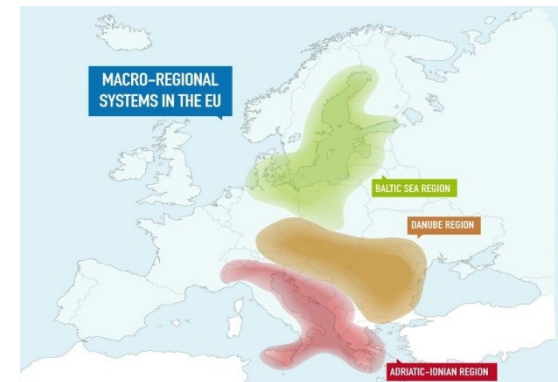
Scientific Support to the Danube Strategy

Seven flagship cluster (water, land, soil, bio-energy, air, data e exchange and harmonisation, smart specialisation, innovation and technology transfer -

NEW: Stairway to Excellence

Scientific Support to the Adriatic-Ionian Strategy

JRC potential contribution: best practice and lessons learnt



Danube Inco.Net FP7 funded coordination and support action for the official EU Strategy for the Danube Region (EUSDR) in the field of research and innovation (R&I).



JRC Instruments and Actions 2/2

Enlargement and Integration Action (E&IA)

E&IA workshops and trainings

E&IA Study Visit

E&IA posts



Travel Accommodation and Conference Facility IPA TAC

Conferences and seminars

Study Visits

Memoranda of Understanding

Serbia – Ministry of Education, Science and Technological Development

TUBITAK - Turkey

The Former Yugoslav Republic of Macedonia



E&IA workshops and trainings 2014

41 workshops took place for a total budget of 1,400,000 euro

Topics: Food Security / Supply, Smart Grids, Standardisation, Eco-Innovation, Nuclear Safety / Security, Danube Strategy, Agriculture, Climate change, Renewable energies / energy efficiency and Health

Location:

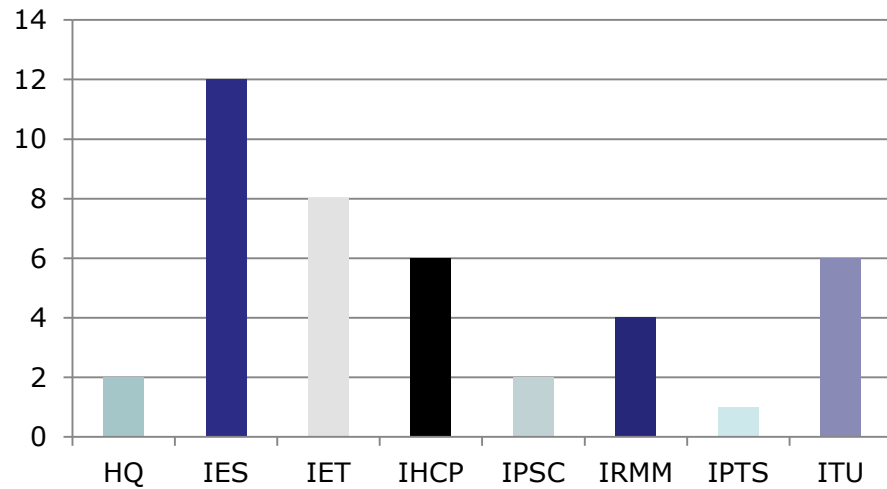
| | |
|------------------|-----|
| JRC Institutes | 44% |
| Target countries | 38% |
| Others countries | 18% |



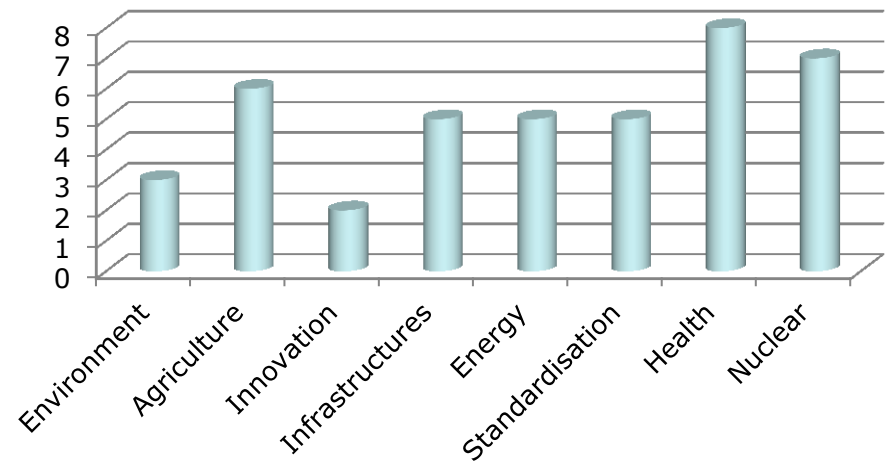


E&IA workshops and trainings 2014: 41 workshops, trainings, summer schools

Workshops per JRC Institute



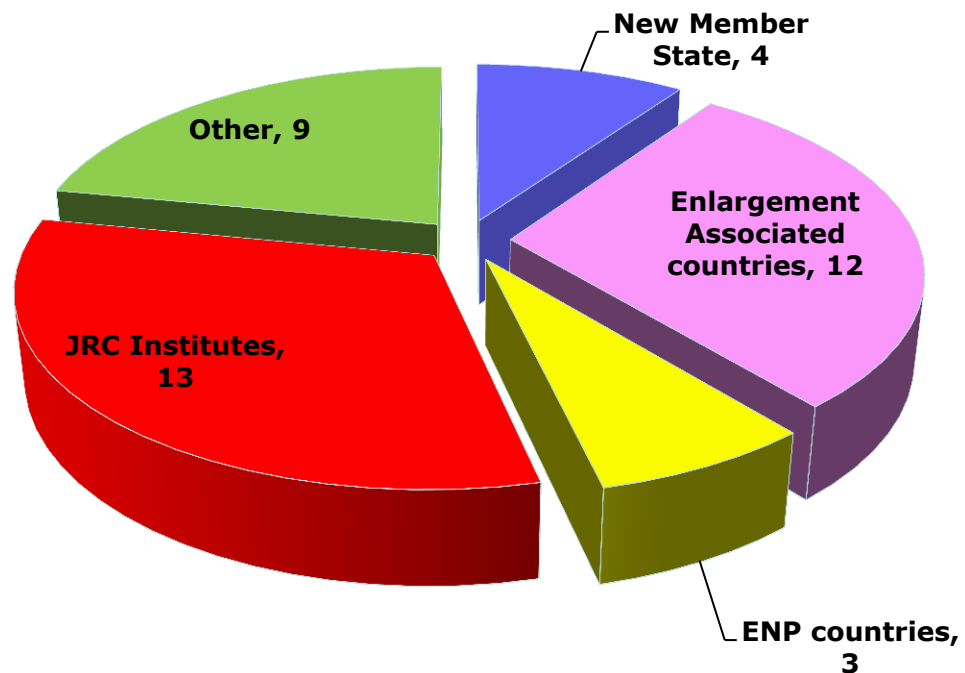
Workshops' topics





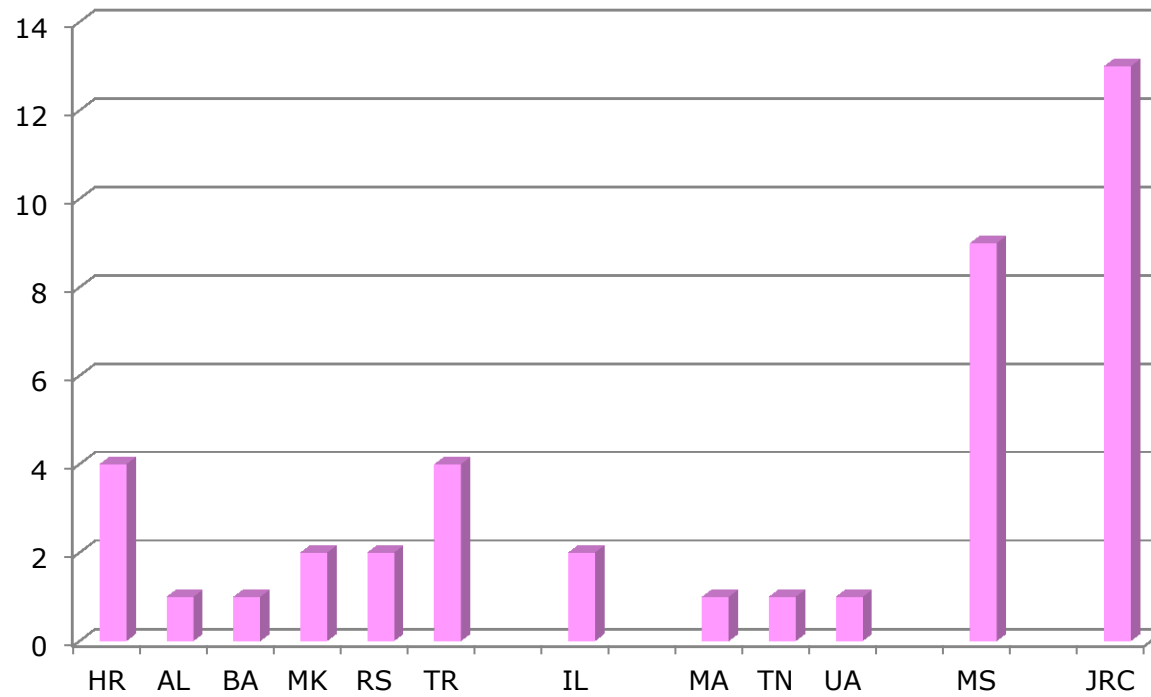
E&IA workshops and trainings 2014: 41 workshops and activities

Graphical location of the workshops in 2014





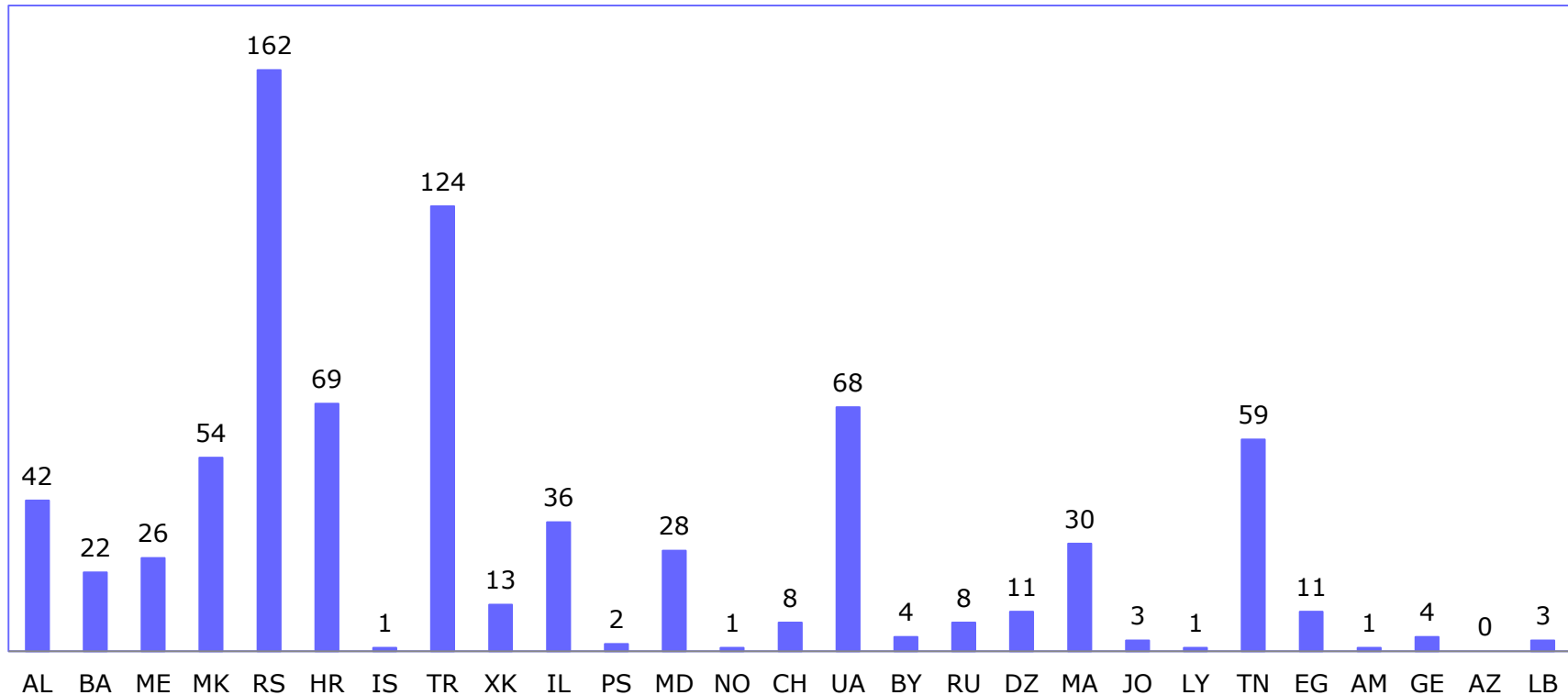
E&IA workshops and trainings 2014: location per country





E&IA workshops and trainings 2014 - 723 participants from target countries

Participants from target countries per nationality





The geographical location of the workshops highly influenced the participation from the target countries

| Workshop, Training, Summer School | Location | | N. | % |
|--|----------------|----|----|-------------|
| Danube Innovation Nexus –Summer School | Belgrade | RS | 67 | 67.7 |
| Open Data and Spatial Data Infrastructures in Central and Eastern Europe | Belgrade | RS | 43 | 66.2 |
| INSPIRE Implementation in the Danube Region | Zagreb | HR | 6 | 27.3 |
| Analysis of food and feed contaminants. The legal and scientific framework behind, including methods validation and measurement uncertainty | Zagreb | HR | 24 | 32.0 |
| The Future Role of Energy Storage in South Eastern Europe | Tirana | AL | 10 | 27.8 |
| Physics based modelling of material properties and experimental observations Special Focus - Plasticity and creep at different length scales | Cesme - Turkey | TR | 27 | 29.3 |
| Workshop on Agricultural Trade and Food Security in the Euro-Med Area | Antalya | TR | 15 | 57.7 |
| "Costs, benefits and impact assessment of smart grids for Europe and beyond" | Antalya | TR | 28 | 47.5 |
| Workshop on bioenergy in Ukraine | Kiev | UA | 24 | 66.7 |
| International Workshop on Harmonisation of GMO Detection and Analysis | Skopje | MK | 14 | 33.3 |
| Implementation and Use of the Eurocodes in the Candidate and Potential Countries of the EU in the Balkan region | Skopje | MK | 12 | 28.6 |
| Implementing the technical requirements of ISO/IEC 17025 in the laboratory | Ariana Tunisia | TN | 44 | 91.7 |
| EUROMED Crop Monitoring Workshop 2014 | Rabat | MA | 30 | 38.5 |
| Workshop on advanced nuclear forensic analytical and interpretational methodologies - PART A | Soreq | IL | 12 | 85.7 |



number of participants of a specific country in the events organised in its country and in all the other events

| | Event | Total | % total |
|----------------|--------------|--------------|----------------|
| Serbia | 110 | 162 | 68% |
| Turkey | 70 | 124 | 57% |
| FYROM | 26 | 54 | 48% |
| Morocco | 30 | 30 | 100% |
| Tunisia | 44 | 59 | 75% |



Enlargement and Integration Action

Building Capacities for Elaboration of NDPs and NAs of the Eurocodes in the Balkan Region

Skopje, 3-5 November 2014

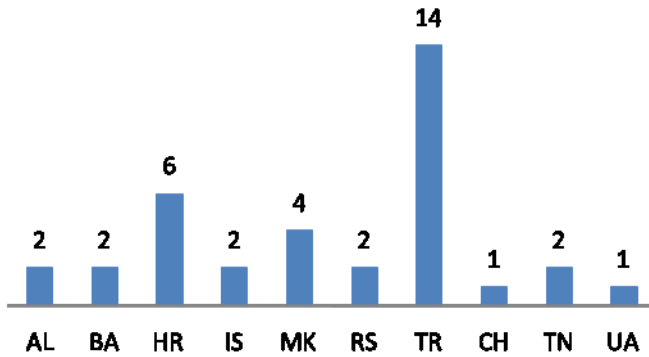
- Lectures delivered by invited experts from CEN/CENELEC, EU member states and the European Commission and leading experts from SHARE and NATO projects
- National presentations of non-EU countries about progress of elaboration of NDPs and NAs: drivers and barriers
- Round table discussions regarding progress of the elaboration of NDPs and NAs, and needs and obstacles for enhanced regional collaboration – conclusions and recommendations

Participants: 37 participants from non-EU countries in the Balkan region, (Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Moldova, Montenegro, Serbia and Turkey), as well as one observer from Kosovo



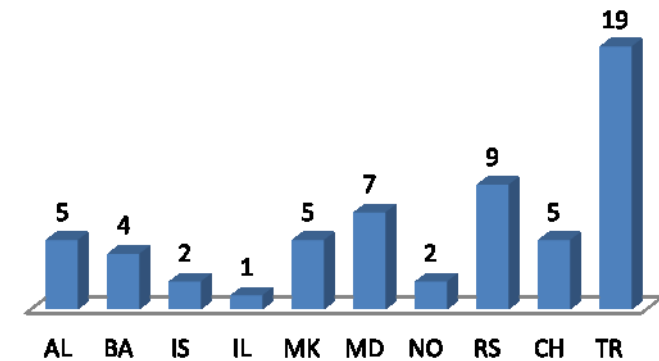
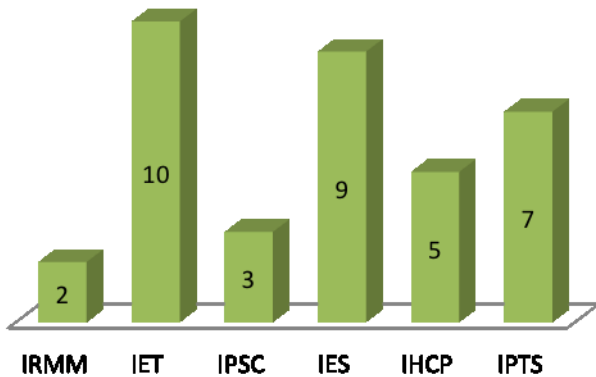
E&IA posts 2014

Posts filled per nationality



JRC Cast Research Reserve List

Posts filled per Institute





Enlargement & Integration Action 2015

2 calls launched to JRC Institutes in October 2014

- 1) EURATOM activities**
- 2) HORIZON 2020**

EURATOM:

12 proposals financed

total amount of Euro 292,000.00

HORIZON 2020:

32 proposals financed

total amount of Euro 920,900.00

Selection on the basis of:

Adherence to JRC Work Programme

Enlargement countries Priorities

[Info on JRC Science Hub](#)



E&IA website

<https://ec.europa.eu/jrc/en/working-with-us/enlargement-and-integration>

E&IA Contact

jrc-enlargement@ec.europa.eu

<https://ec.europa.eu/jrc/en/publications>



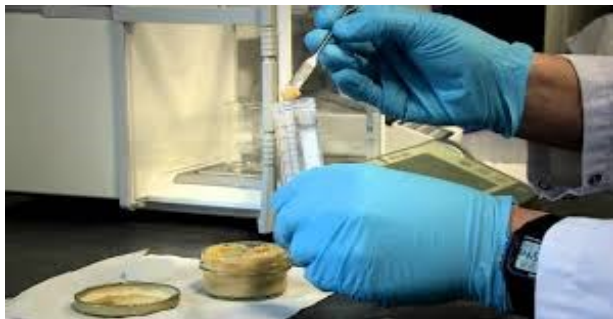
Travel and Accommodation Facility IPA TAC 2014

Study visit of JRC Institute for Reference Materials and Measurements

Geel, 20 June 2014

**Aviation security laboratory
Knowledge Transfer & Standards for Security activities**

**Geel Linear accelerator (GELINA)
Standards for Nuclear Safety, Security and Safeguards activities**



**Food laboratory
Standards for Food Bioscience (SFB) activities**

**Reference material processing hall
Standards for Innovation and sustainable Development (SID)
activities**

**9 participants from Albania, Bosnia and Herzegovina, Montenegro, FYROM, and Turkey
representing universities and scientific institutions**



Travel and Accommodation Facility IPA TAC 2014

10th Anniversary of the European Reference Laboratory for Feed Additives (EURL-FA)

Geel, 14 November 2014



JRC

- hosts EU-RL for Feed Additives
- assess the validity of analytical methods for the analysis of feed additives for the authorisation process;
- coordinates the network of NRLs.



The task of the EURL for feed additives is to evaluate the analytical method for detection and quantification as proposed by the applicant for authorisation.

The authorisation can only be granted after a scientific evaluation demonstrating that the additive has no harmful effects on human and animal health and on the environment

Delegation of 10 representatives from Albania, Bosnia and Herzegovina, FYROM, Montenegro, Serbia and Kosovo



Travel and Accommodation Facility IPA TAC 2014

Seminar on "JRC Support to the Enlargement"

co-organised with

Serbian Ministry of Education, Science and Technological Development
University of Novi Sad



4 topics:

- 1) JRC Activities in the Enlargement process
- 2) Jobs and opportunities at the JRC
- 3) EFAS European Flood Awareness System
- 4) Bioenergy

More than 150 researchers and PhD students and experts from Serbia.

Delegation of 8 representatives from Albania, Bosnia and Herzegovina, FYROM and Montenegro





Travel and Accommodation Facility IPA TAC 2014

Workshop and Study visit on Food and Feed Contaminants

Geel, 27-28 January 2015

Topics

Legal basis in the EU for Food safety

Measurement uncertainty

Performance parameters for analytical methods

Limit of detection and limit of quantification

Quality control

Use of reference materials for quality assurance schemes

Participation in proficiency tests



11 participants from Bosnia and Herzegovina, Montenegro, FYROM, Serbia Kosovo and Turkey representing universities and scientific institutions



Travel and Accommodation Facility IPA TAC 2015

- **JRC Enlargement National Contact Points Annual Meeting – Ispra (Italy)**
- **Study Visit for Enlargement Civil Protection representatives of the JRC Ispra Site (Institute for the Protection and Security of the Citizens; Institute for Environment and Sustainability) – Ispra (Italy)**
- **JRC thematic meeting on Hydropower Energy in Istanbul - Turkey**
- **JRC High Level Event on the Scientific Support to the Danube Strategy – Ulm (Germany)**
- **JRC thematic meeting on Low Carbon Society in Skopje MK**