



The European Commission's science and knowledge service

Joint Research Centre

Fabio Taucer

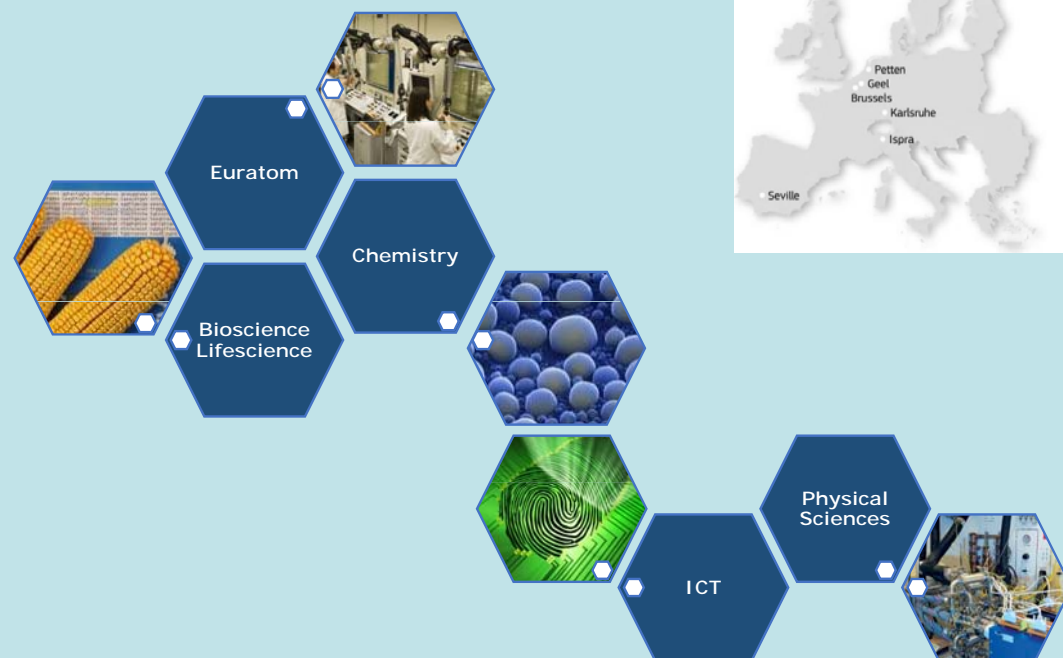
EU4TECH Western Balkans
Sarajevo, 30 October 2018

Open Access to JRC Research Infrastructures

JRC hosts **37 physical research infrastructures** with a potential of opening to external users (out of a total of 57 facilities)

Open Access rationale

- **Fair and transparent** method for allocating access
- Make JRC RIs available to external users in view of the **limited resources** in Europe
- Provide **capacity building to Enlargement and Integration countries**
- Bridge the **gap between science and Industry**
- **Dissemination** of knowledge, education and training, foster collaboration in Europe



Framework for Access

Based on the **Charter of Access to RIs of DG RTD**

Principles and guidelines when defining Access policies for RIs

Access Modes

- **Relevance-driven**
 - Peer-review selection process following a call for proposals
 - Mainly targeted to academia and research institutions, as well as to **SMEs**
 - Users charged the additional costs associated (18% overheads); nuclear RIs free of charge
 - Open dissemination after an 18 month embargo period
- **Market-driven**
 - Selection by the JRC
 - Mainly targeted to industry
 - Users charged the full costs (70% overheads)
 - Data not disseminated via open schemes



Open to

- ✓ EU Member States
- ✓ Countries associated to Horizon 2020

Research Infrastructure Access Agreement

Rights and obligations of JRC and the user(s) concerning:

- Health and safety
- Security rules
- Data protection
- Confidentiality
- Liability and financial aspects
- User access assessment



In-kind contributions

- Human resources, i.e. for running all or parts of the experimental work or assisting the experimental campaign
- Provision of consumables and equipment



Calls for Access at the JRC Science Hub / Statistics

Nanobiotechnology laboratory Open

JAN 22 2018 **APR 13 2018** **Ispra, Italy.** The Nanobiotechnology Laboratory features state-of-the-art equipped facilities designed to foster interdisciplinary studies. A special emphasis lies on

characterisation of nanomaterials, nanomedicines, advanced materials and their interactions with biological systems, as well as on the detection, identification and characterisation of nanomaterials in food and consumer products.

[Details of the call #2018-1-RD-NanoBiotech](#)



Reaction Wall, European Laboratory for Structural Assessment (ELSA) Open (extended)

SEP 18 2017 **JAN 31 2018** **Ispra, Italy.** The central feature of the European Laboratory for Structural Assessment (ELSA) is the Reaction Wall. It consists of a reinforced concrete vertical wall and a horizontal floor rigidly connected together to test the vulnerability of buildings to earthquakes and other hazards.

[Details of the call #2017-1-RD-ELSA-ReactionWall](#)



HopLab, European Laboratory for Structural Assessment (ELSA) Closed

JUN 26 2017 **OCT 20 2017** **Ispra, Italy.** The Hopkinson Bar facility (HopLab) is used for the study of materials and of structural components to very fast dynamic loads, such as those due to blasts and impacts, where knowledge of the material behaviour under high strain-rates is necessary.

[Details of the call #2017-1-RD-ELSA-HopLab](#)



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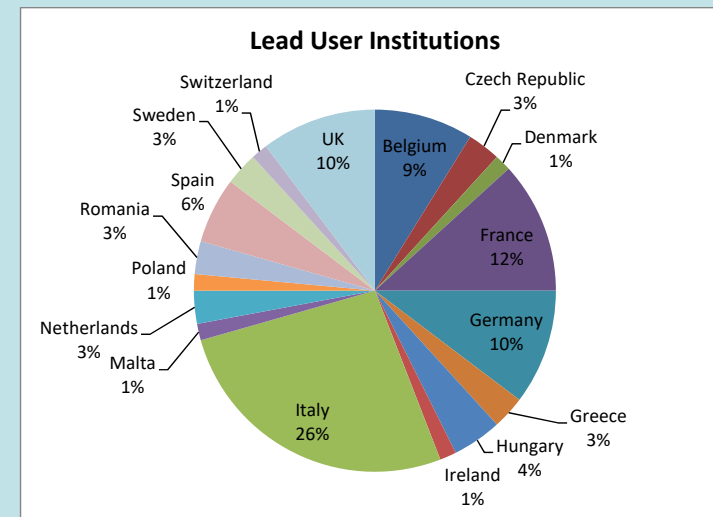


14 calls since June 2017

- ✓ 9 Research Infrastructures
- ✓ 69 Eligible proposals
- ✓ 46 Accepted proposals
- ✓ 24 Countries

Accepted proposals

- ✓ 72 User Institutions
- ✓ 166 Users
- ✓ 6 Completed Projects



Revision of the Framework 2019

- Allow the JRC to **cover travel and accommodation of Users** accessing JRC Research Infrastructures, as well as to **waive the additional costs of access** in the relevance-driven mode.
- Possibly to Users from User Institutions from the **RTD Spreading Excellence and Widening Participation list of countries** (all countries associated to H2020 are included).
- The Lead User Institution, and at least 2/3 of the Users Institutions must be from the RTD list
- The calls are in competition with EU Member States

Training and Capacity Building at JRC RIs

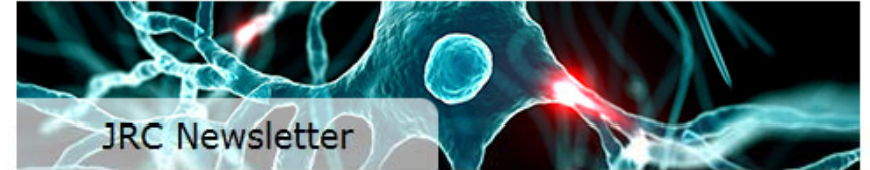
- Addressed to **groups of users** from universities, research or public institutions, or from a Small-Medium-Enterprises (SME)
- User institutions preferably with existing or under construction RIs **similar of complementary** to those of JRC
- Calls opened under the **JRC Enlargement and Integration Action**
- User Institutions from **countries associated to the EU Research Program Horizon 2020**
- The JRC covers the **costs of travel and accommodation** of users
- Stays at the JRC will comprise a **full week**, with the participation of groups from several institutions and countries

Calls on a pilot basis for the
Nanobiotechnology Laboratory
End of 2018



JRC Newsletter

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Any questions?

You can find me fabio.taucer@ec.europa.eu

<https://ec.europa.eu/jrc/en/research-facility/open-access>