CERIC

Central European
Research Infrastructure
Consortium

CERIC-ERIC

Central European Research Infrastructure Consortium

Ornela De Giacomo, CERIC-ERIC
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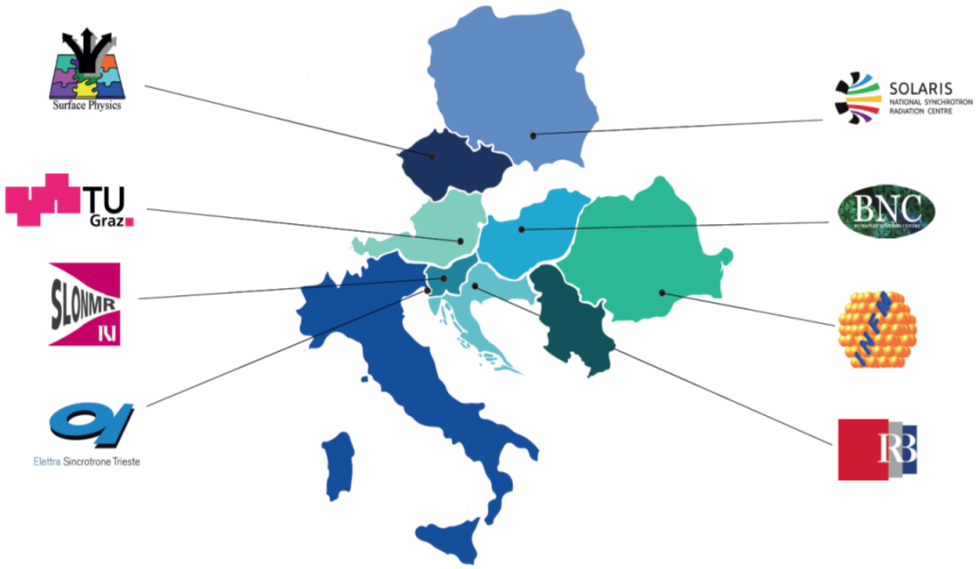
CERIC-ERIC in brief

- Established in **2014**, involving nine countries (Austria, Croatia, Czech Republic, Hungary, Italy, Poland, Romania, Serbia, Slovenia)
- Started with seven participating excellent national research facilities
- Bottom-up and top-down approach: countries appoint a RI, the ISTAC evaluates it, the GA admits it. In some cases, ongoing collaborations helped to identify the national RI
- RIs are funded by the countries and they confer access time to CERIC in kind, no cash flow between countries;
- The central activities of strengthening of the consortium and the seat are funded by the host country (2014-2019: Italy)
- Personnel was 100% contributed in kind in 2014, at present 14 employees

CERIC-ERIC in brief

- **Distributed** research infrastructure in Central European countries offering free and open access



- Access to more than 45 different top-level instruments (synchrotron, neutrons, ions, NMR, light scattering, microscopy lab);

- **Scientific excellence** and **technical development**, contributing to ERA and its innovation potential

- **Integration**: Joint projects, training of staff, exchange of best practices

- Outreach to new users

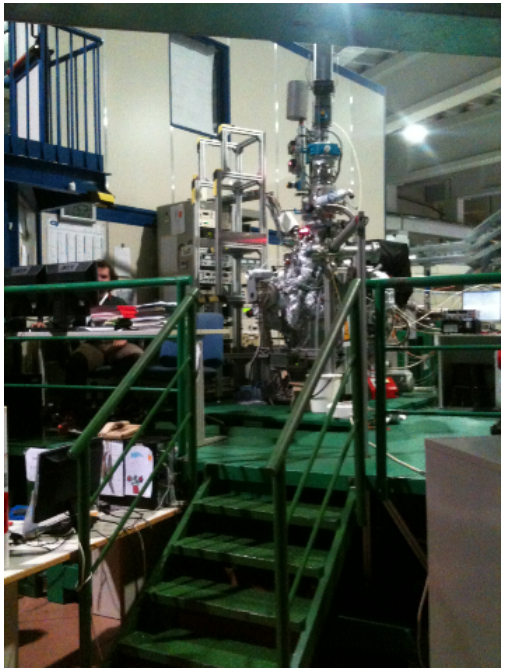
- Develop a common strategy and policy for IP and know-how protection and exploitation

The CERIC Partner Facilities (1/2)

Austria

Scattering

TU Graz and Elettra



Czech Republic

Surface Analysis

Charles University Prague and Elettra

Croatia

Ion Beam Analysis

Ruder-Boskovic Institute

Romania

TEM and EPR

National Institute for Material Physics

The CERIC Partner Facilities (2/2)

Italy

Elettra synchrotron

Poland

Synchrotron SOLARIS

Hungary

Budapest Neutron Center

Slovenia

Magnetic Resonance

National Institute of Chemistry

CERIC open access

- Access is **open and free of charge,** based on **scientific merit** only
- Coordinated access to **multiple instruments** with **one proposal**;
- Single instrument proposals allowed only for facilities that do not offer open access or for continuation;
- Selection is made by an independent, international peer review panel.
- Two calls per year (two-steps calls)
- Implementing fast track access for feasibility studies (Nov)

CERIC open access

- **Two-step** submission procedure
- After first deadline follows a **pre - evaluation** for technical feasibility + general comments regarding completeness of the proposal, suggestion for additional measurements, etc.
- Possibility for re-editing and **improvement** (2 weeks)
- **2nd deadline is final** (for expert users)
- Final technical evaluation
- Scientific evaluation, assignment, scheduling

Result: increase in the quality of proposals

CERIC support to users

before proposal writing:

Support in the identification of the adequate facility/instrument or beamline scientists, general questions

during proposal writing

Support with any technical problem encountered, general info;

Logistic support to open access

CERIC covers **travel and accomodation** for **two researchers per experiment** if the proposal is accepted. Most bookings done by our travel office.

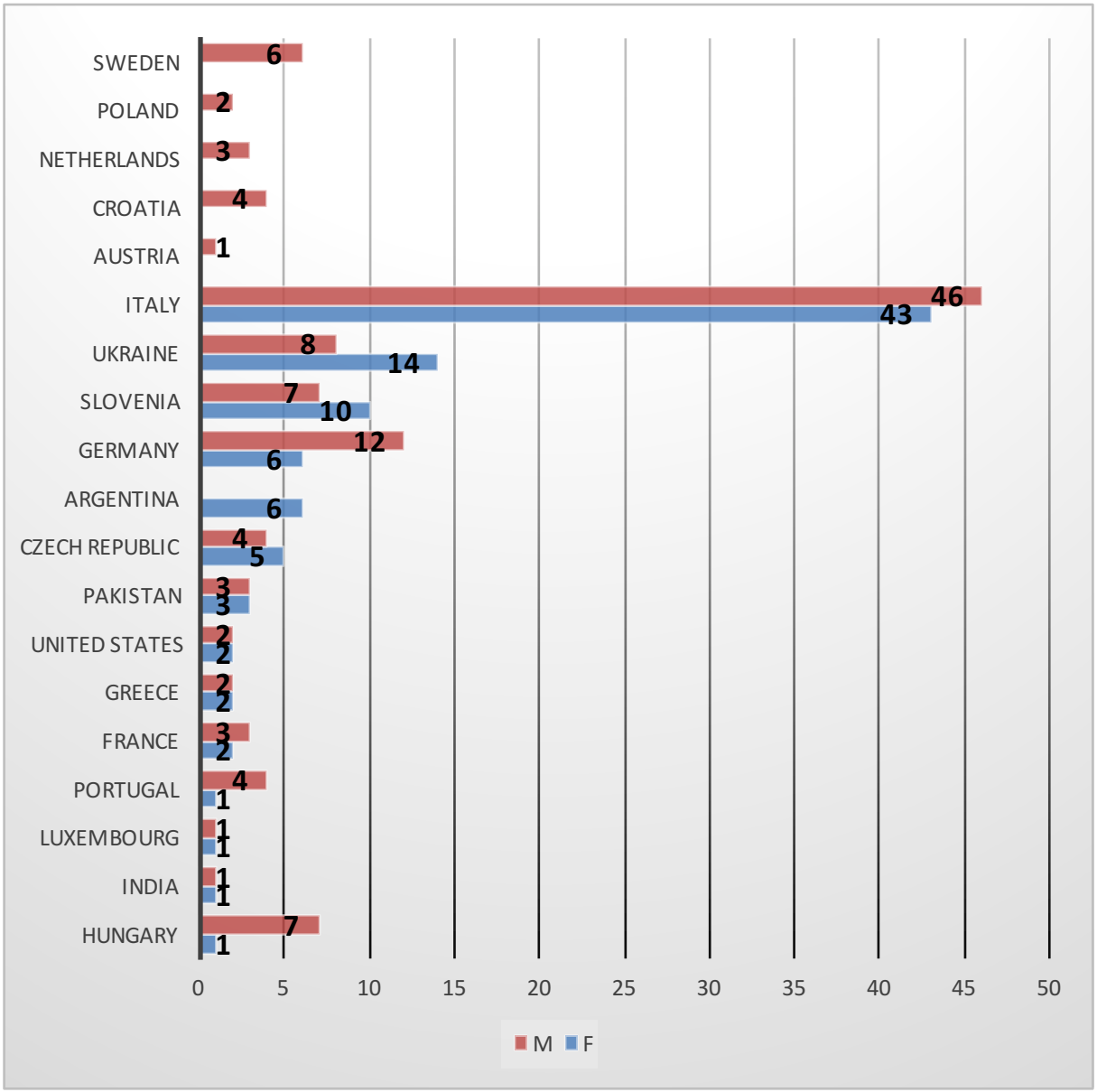
Support to open science

CERIC covers the **full cost for open access publications**

CERIC-ERIC facts and figures

In 2017:

- 144 proposals (56 F - 40%-, 88 M)
- 213 Accesses (2016): 45% F
- 292 requests for different instruments
- Proposals from **32 different countries** from Europe and worldwide, however access (2016) from 19 countries



CERIC internal research and other projects

CERIC currently carries out five internal research projects:
CEROP, **DYNA CHIRO**, **RENEWALS, Mag-Alchemi, Nanobiopharma**

All projects involve **several partner facilities**

Main goals: **excellent science** but also the **development and integration** of the CERIC Partner Facilities

<u>Other projects:</u>

CEI CONTACT: Outreach to new users from CEI countries, with focus on non-EU countries

ACCELERATE: INFRADEV 2016-2017 Development and long-term sustainability of new pan-European research infrastructures

WP 2: Open access, data and publication policies

CERIC Industrial Liaison and Technology Transfer

Industry

- Wide spreading to the market of the partner facilities' capabilities and its industrial applications.
- Being a unique access channel to multiple state-of-the-art techniques.

Partner Facilities

- A place where ILOs and TTOs can come together to join forces and boost their opportunities.
- A place where all the ILOs and TTOs can receive additional support in order to enhance their impact in Europe

Socio-economic impact

- By working together in expanding the outreach to industry in the region and beyond, it's possible to enable the region's competitiveness and the attraction of further industrial activities.

How to find us…

Website:
www.ceric-eric.eu

LinkedIn:
www.linkedin.com/company/ceric-eric

Twitter:
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