



Supporting the establishment of strategic, cross-border partnerships between industry and research infrastructures

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Industry Liaison Officers (ILO) are national industry contacts officially appointed by the Member States and Associated Countries to stimulate the collaboration among the national industry and the international research infrastructures, providing advice on business opportunities, R&D collaborations, call for tenders and industrial services.

Industry Contact Officers (ICO) are research infrastructure staff in charge of developing business relations with all potential industrial suppliers of innovative components or services as well as encouraging the economical use of their facility by private players.

European network of research infrastructures & industry for collaboration (ENRIITC)



eatris

European infrastructure
for translational medicine



Stazione
Zoologica
Anton Dohrn
Napoli



Quick
facts

Consortium leaders: ESS

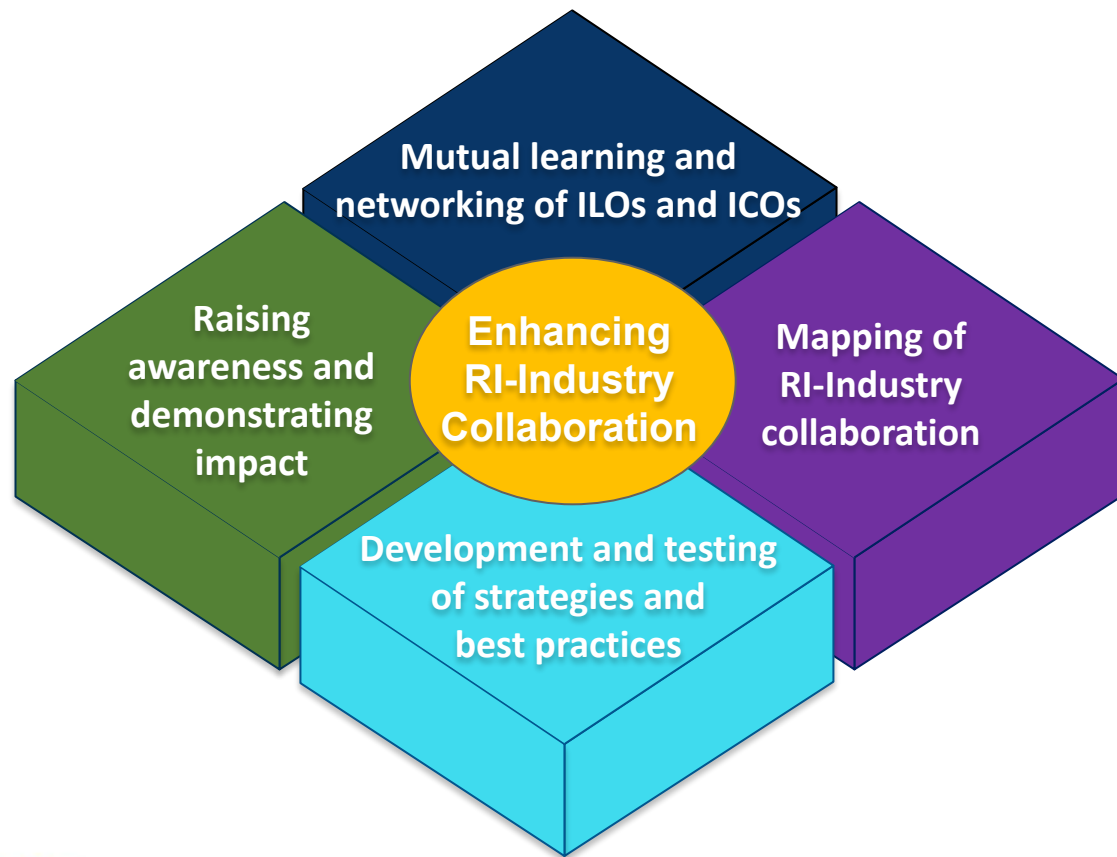
ESFRI partners selected for geographical and sectorial diversity:
ESRF, EATRIS, EMSO, CLARIN, SZN

ILO partners selected for geographical and sectorial diversity:
DTI (DK), CDTI (ES), Big Science Sweden (SE), ILO-Net (NL), WPT (PL)

+ Associates: 61

ENRIITC objectives and concept

Establish a European network of national industry contacts (ILOs) and the RI industry contact points (ICOs) engaged with pan-European research infrastructures, including ESFRI landmarks and projects, as well as of other relevant world class research infrastructures of European interest



Community-driven →

ENRIITC consortium represents 6 ESFRI Landmarks from 4 scientific domains and 5 ILOs ensuring Europe-wide coverage

Cross-functional →

ILOs and ICOs co-lead all Tasks

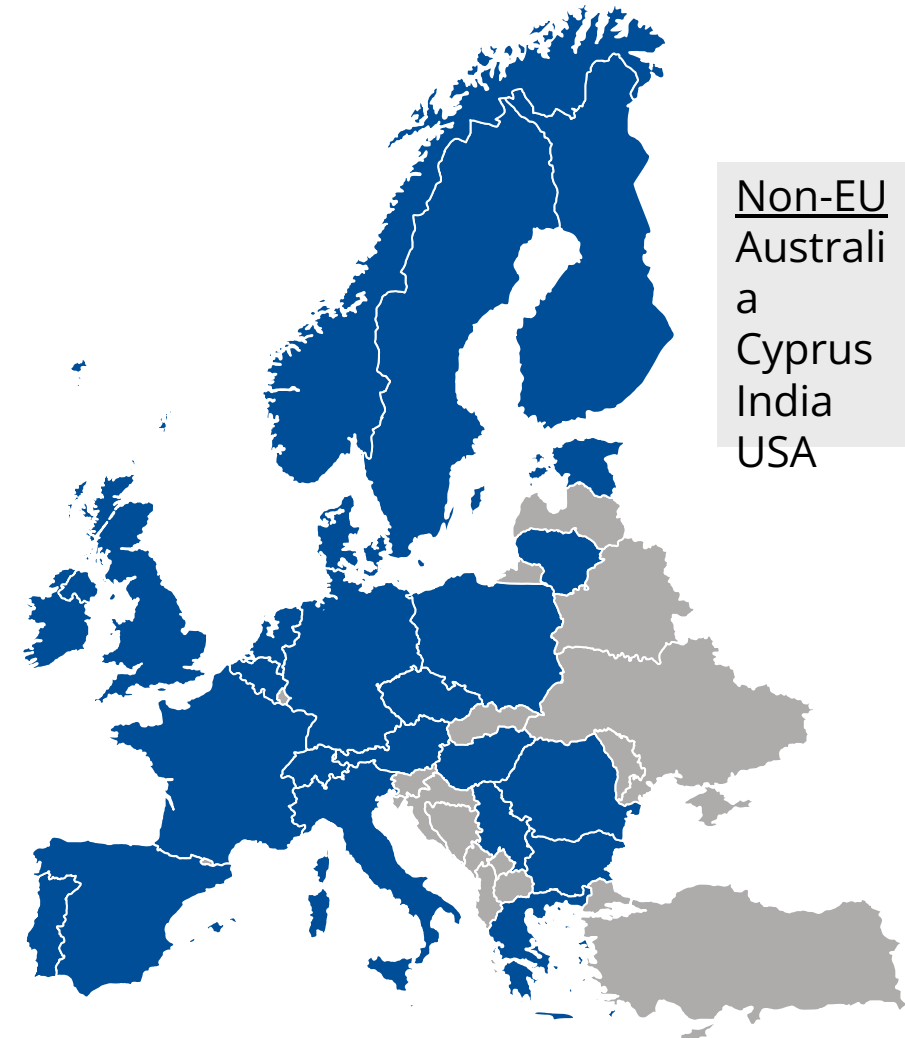
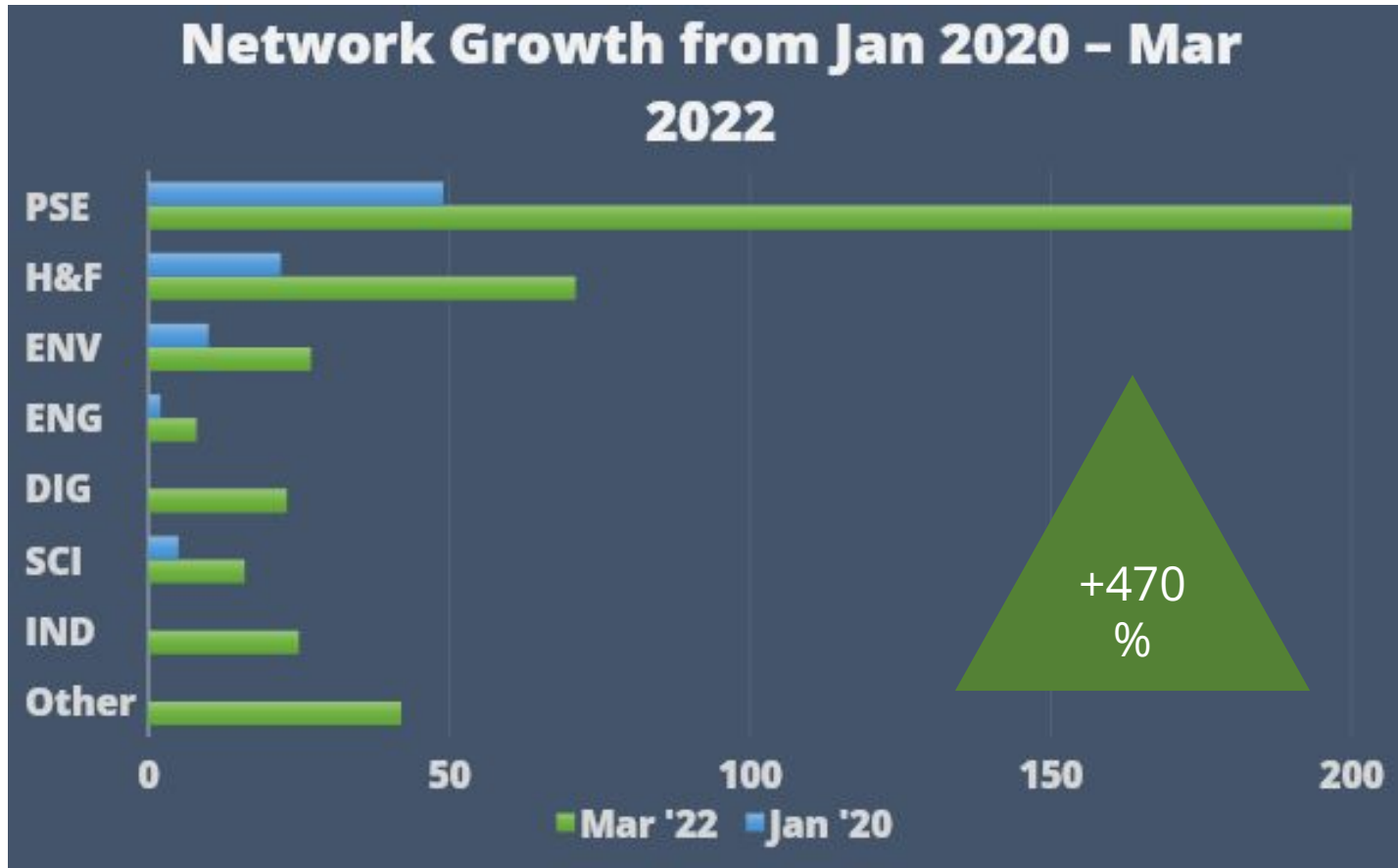
Cross-sectional →

All scientific domains of the ESFRI roadmap are involved + all industrial sectors are considered

Multiplier-based →

Broad basis of Associates ensure widest possible outreach

Growth of the Network



January 2020

88 ENRIITC Network Members
11 consortium partners + 61 Associates



March 2022

502 ENRIITC Network Members
87 ILOs + 256 organisations

Main Features and Outcomes of the Roadmap 2021

What is new in the ESFRI Roadmap 2021

Lessons Learnt

Challenges and Strategy for the Future

RIs in the Renewed ERA

ESFRI and Its Contribution to ERA

Stakeholder Engagement and Communication

Monitoring of Landmarks

Consolidation of the European RI Landscape

Strengthening RIs Services

The Innovation Challenge

Socio-Economic Impact of RIs

European RIs at the Global Stage

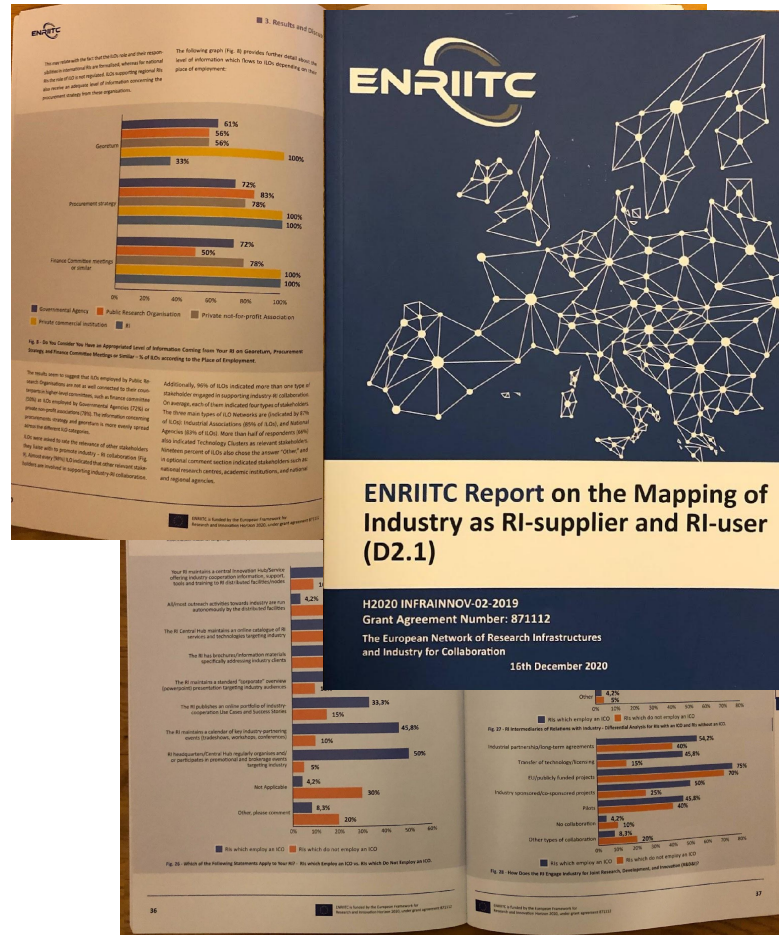
CONSOLIDATION OF THE EUROPEAN RI LANDSCAPE

In the last 20 years, the European RI landscape has been evolving towards a consolidated ecosystem. Amongst the activities and trends that have been promoting this development are cooperation between RIs – scientific collaborations, partnerships, associations and organizations –, growing interdependence, clustering within scientific domains, interdisciplinarity and interoperability.

We can find examples in:

- Thematic ESFRI clusters established through EU-funded projects to address common issues, exchange experience as well as develop and share good practices related to RI development and operation, and most recently to strengthen their capacity of linking to the European Open Science Cloud¹¹¹¹¹.
- The Alliance of Medical Research Infrastructures¹ where close collaboration of three ERICs ESFRI Landmarks – EATRIS, ECRIN and BBMRI – with highly complementary methods created significant synergies and new added value, allowing the research community to reach more complex and comprehensive goals, among others on COVID-19.
- Two initiatives of European analytical facilities, the League of Advanced European Neutron Sources¹ and the League of European Accelerator-based Photon Sources¹ are bringing together a critical mass of European analytical facilities in their respective areas to identify synergies and opportunities for closer collaboration, for example around Green Deal, Horizon Europe Missions or COVID-19, as well as develop joint positions on issues of common interest.
- The ENRIITC Consortium¹, which brings together eleven actors among which the ESFRI Landmarks EMSO ERIC, EATRIS ERIC, ESRF and ESS ERIC, and CLARIN ERIC. This consortium brings together actors from industry and RIs and can have important socio-economic impacts.

The result of our mapping exercise in 2020



A set of complementary strategies for RIs

D3.1 Strategy to exploit the innovation potential of RIs

D3.2 Strategy for innovation and industry-RI cooperation

D3.4 practical step-by-step guide for ILOs/ICOs to organise brokerage events

D3.5 Policy recommendations for the optimisation of ILO/ICO performance

ENRIITC RIs Innovation Preparedness Roadmap – 5 key initiatives

Establish a pan-European ICO and ILO network

- a hub structure to provide advice and support

Adopt a set of core competencies for ICOs and ILOs

- Defining the **role of ILO and ICO** duties and competencies. It is recommended that each RI appoints an ICO;

Each RI should review and implement specific key actions

- **17 key areas with recommended actions are defined to help an RI improve the collaboration with industry**

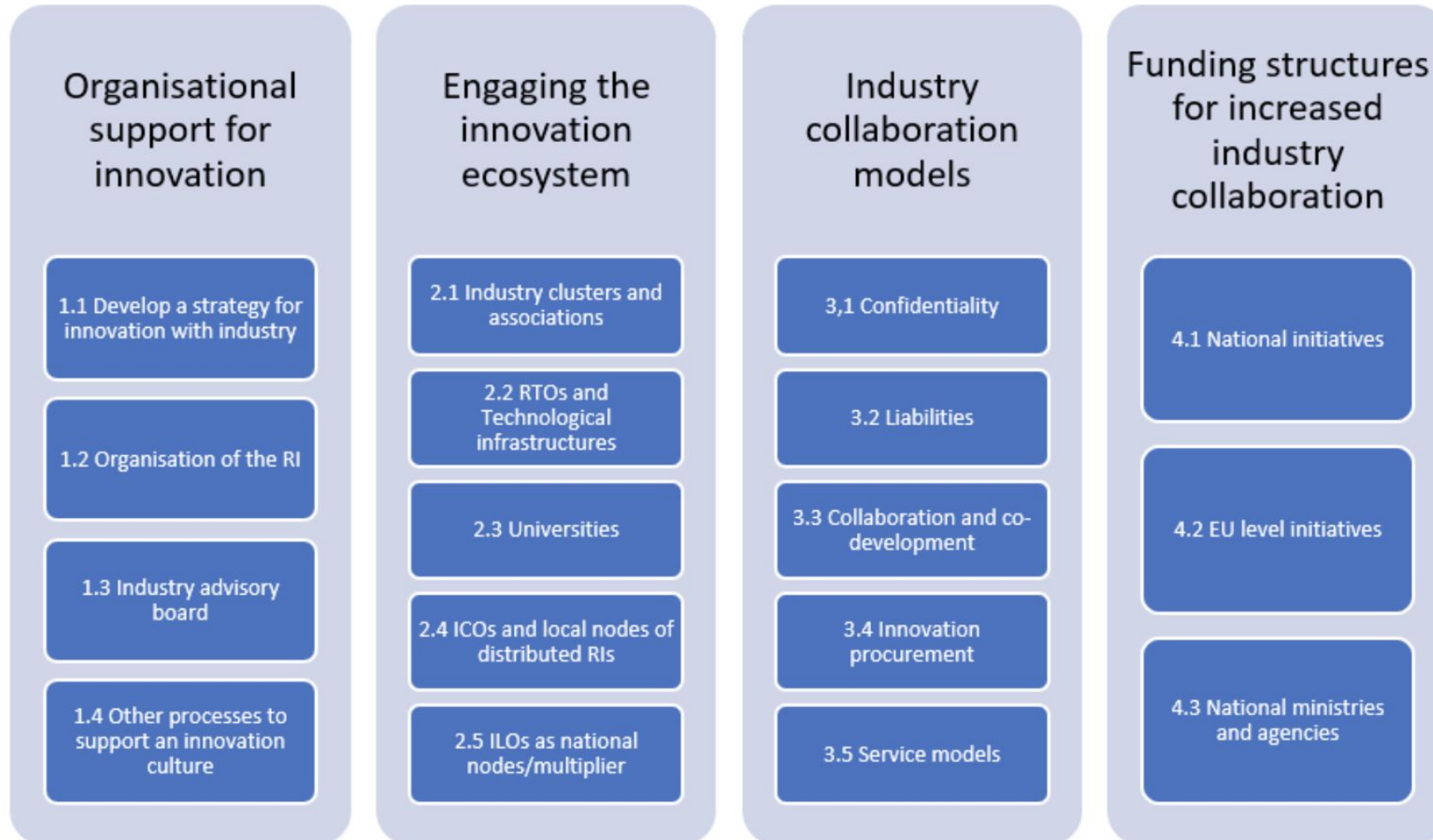
Building strategic alliance relationships

- at EU level to **help industry understand how RI operates and interact**

Develop a European RI Innovation Strategy.

- for a **better integration between RIs and industry**, where RIs can be a core engine in the innovation supply-chain facilitating the constituency of spin-offs, start-ups and partnerships with private entities in close cooperation with universities.

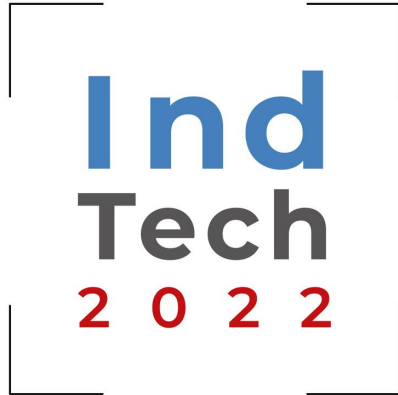
ENRIITC recommendations to RIs on how to improve industry engagement



ENRIITC key activities and achievements



Upcoming events



RI Conference

"From frontier science to frontier industry: How basic and big science may be a seed for future needs"

<https://indico.esss.lu.se/event/3042/>

Grenoble (FR), 27-29 June



ENRIITC Conference

Including training sessions for ICOs and ILOs and networking events

Granada (SP) 4-7 October



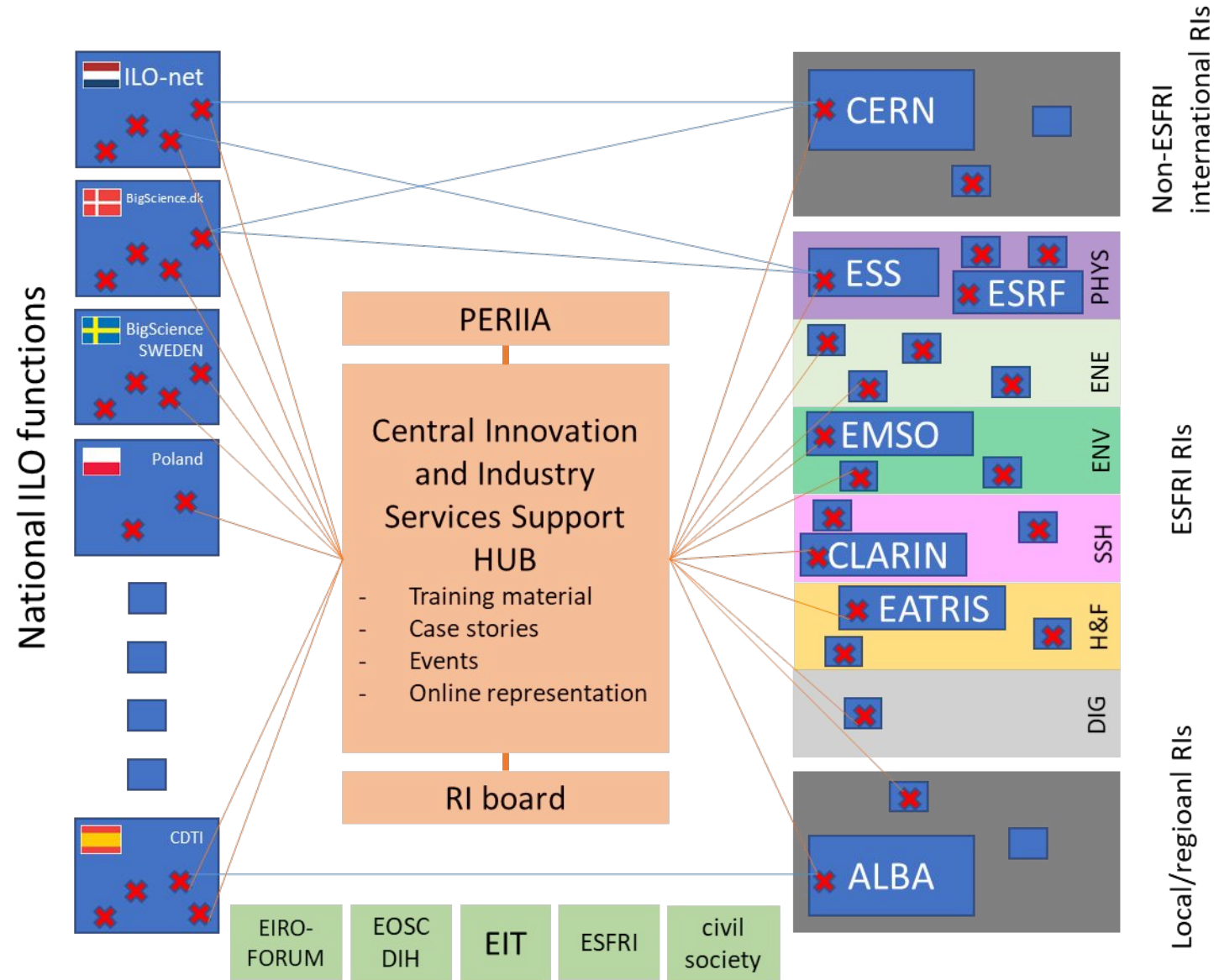
Brno (CZ) 19-21 October

Afterwork event (TDC)

"Infrastructures and industry engagement – enabling European Innovation"

STAY TUNED!
<https://enriitc.eu/>

The model of the ENRIITC European Hub





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www.enriitc.eu



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