

International Proposal Check Workshop - Registration Form

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Research Infrastructures NCPs Network Consortium for Horizon Europe

Registration Form

RICH Europe International Proposal Check Workshop

16th-17th February 2023
in Prague and online

RICH Europe is organizing a Proposal Check Event for the Research Infrastructures call 2023. The hybrid event will take place on 16th and 17th February 2023 (noon-noon) at the Technology Centre Prague. The event offers coordinators and proposers from widening countries a chance to improve the quality of project proposals based on feedbacks from experienced external experts and National Contact Points (NCPs). The hybrid event aims to transfer useful knowledge and increase proposers' chances for funding. The maximum number of proposals to be consulted is 6. The event is open as well to the RI NCPs giving them an opportunity (mainly to less experienced NCPs), to learn how the projects are evaluated. **Please, fill in this registration form by the 6th February 2023 to participate. Please, be aware that the abstract section will be used to assess your application.**

Registration – RICH Europe International Proposal Check Event (for RI NCPs only the first 5 items to be completed)

FOR ALL PARTICIPANTS

* Name:

Tania Claudio Weber

* E-mail:

t.claudio.weber@fz-juelich.de

* Country:

Germany

* Participation:

online

onsite

* Experience as an NCP (for NCPs only) number of years:

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FOR PROJECT COORDINATORS/PROPOSERS

Project proposal title:

Long-term sustainability of large-scale RIs through improved Project Management methodologies

Acronym:

RI-PM

Call:

- Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership (2023)
- Enabling an operational, open and FAIR EOSC ecosystem (2023)
- Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge (2023)
- Next generation of scientific instrumentation, tools, methods, and advanced digital solutions for RIs (2023)

Topic:

- HORIZON-INFRA-2023-DEV-01-01: Concept development for a research infrastructure to manage, integrate and sustain large medical cohort studies
- HORIZON-INFRA-2023-DEV-01-02: Early phase implementation of ESFRI Projects which entered the ESFRI Roadmap in 2018
- HORIZON-INFRA-2023-DEV-01-03: Consolidation of the RI landscape – Individual support for evolution and long-term sustainability of pan-European research infrastructures
- HORIZON-INFRA-2023-DEV-01-04: Consolidation of the RI landscape – development of complementarities, synergies and/or integration between a set of pan- European research infrastructures
- HORIZON-INFRA-2023-DEV-01-05: Preparation of common strategies for future development of RI technologies and services within broad RI communities

- HORIZON-INFRA-2023-DEV-01-06: Strengthen the bilateral cooperation on research infrastructures with Latin America
- HORIZON-INFRA-2023-DEV-01-07: Strengthening the international dimension of ESFRI and/or ERIC research infrastructures
- HORIZON-INFRA-2023-DEV-01-08: Preparatory phase of new ESFRI research infrastructure projects
- HORIZON-INFRA-2023-EOSC-01-01: Build on the science cluster approach to ensure the uptake of EOSC by research infrastructures and research communities
- HORIZON-INFRA-2023-EOSC-01-02: Development of community-based approaches for ensuring and improving the quality of scientific software and code
- HORIZON-INFRA-2023-EOSC-01-03: Planning, tracking, and assessing scientific knowledge production
- HORIZON-INFRA-2023-EOSC-01-04: Next generation services for operational and sustainable EOSC Core Infrastructure

- HORIZON-INFRA-2023-EOSC-01-05: EOSC Architecture and Interoperability Framework
- HORIZON-INFRA-2023-EOSC-01-06: Trusted environments for sensitive data management in EOSC
- HORIZON-INFRA-2023-SERV-01-01: Research infrastructure services to enable R&I addressing main challenges and EU priorities
- HORIZON-INFRA-2023-SERV-01-02: Research infrastructure services advancing frontier knowledge
- HORIZON-INFRA-2023-SERV-01-03: Research infrastructure services advancing frontier knowledge: co-fund pilots with pan-European RIs and/or national RIs

- HORIZON-INFRA-2023-TECH-01-01: New technologies and solutions for reducing the environmental and climate footprint of RIs

Project Abstract (**very important - the abstract will be used to evaluate your expression of interest**):

The evolution from construction to operation and even decommissioning of large-scale Research Infrastructures (RIs) are particularly challenging to manage. Based on cutting-edge new technologies, and with a significantly large spectrum of stakeholders ranging from several international funding authorities to society in general, the evolution of these facilities is far from fitting into any existing project management methodology. Furthermore, the transition into its different phases while adapting to the evolving scientific needs from makes it quite challenging to secure long term sustainability of such facilities.

Furthermore, the boundary conditions to obtain the funding for a large-scale Research Infrastructures such as ESS e.g., are based on political interests which results on overly optimistic schedules and budgets. This leads to the commonly known issue of RI construction repeatedly being delayed and presenting increasingly overrunning costs.

In 2022, Dr. Tania Claudio Weber from Forschungszentrum Jülich proposed the development of a new Project Management (PM) methodology which should be adapted to the particular needs of large-scale RIs. Such methodology would be perfect for the current phase of the European Spallation Source (ESS), a large-scale neutron facility under construction in Lund, Sweden.

Throughout this project, an in-depth analysis of the past inception and current evolution of nine ESFRI landmarks, two international facilities and the design model of two ESFRI projects in the PSE domain of the ESFRI roadmap will be performed as well as the impact of the current geopolitical situation and the COVID-19 pandemic on these projects, and the CO2 footprint of these facilities with emphasis on energy consumption.

This data will be evaluated, and a proposal for a standardized and adaptable approach for management of the evolution of large-scale RIs and if appropriate, construction of complementary facilities will be developed. This proposal will be discussed with the members of the steering board composed by the dedicated authorities of each facility included in the study, as well as the member countries: Germany and Sweden. The third and final phase of the project will include a revision of the structure, business and funding plan of ESS, a full proposal to help with the structuring and management of the infrastructure with focus on reorientation or evolution of RIs through the project management methodology developed. To ensure long-term sustainability of the RIs, the proposal will include energy saving approaches and extensive training to development the managerial and technical skills of RI staff.

The proposal will further investigate approaches for recovery from the consequences of geopolitical situation and the COVID-19 pandemic; strengthening of national nodes; enlargement of the partners/countries membership, international cooperation and interaction local, regional and global ecosystems including industry/SMES; greening of technologies and methodologies

This methodology intends to enable RIs to fulfill its purpose of addressing new research or societal challenges and serve user communities faster and cheaper. Furthermore, it will significantly improve the long-term sustainability of a large group of energy-consuming ESFRI Landmarks of the PSE domain and similar RIs of European interest.

Specific question /issue/problem to be discussed:

The development of a new project management methodology to fit the boundary conditions of research infrastructures is a very different and specific topic from each all research infrastructure would benefit in the future. Does this topic fit the EU funding scheme? How can this be developed?

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Consortium partners from widening countries:

FZJ (DE), ESS (SE)

Coordinator expertise relevant to project objectives, previous participation in relevant projects:

BrightnESS 1 and 2

Contact

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