

HORIZON-INFRA-2023-SERV-01-02

Kick-off Meeting

30 August 2022

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*The Horizon Europe 2023-2024 Work Programme is not yet released. Also the call.

INFRA-SERV - efficient, customized and integrated Research Infrastructure Services to support health research, accelerate the green and digital transformation, and advance frontier knowledge

- To enable the transition towards a sustainable Europe and a prosperous economy
- To address main challenges and EU priorities, including an effective and responsive health system and to accelerate the transition towards a green and digital future
- To continue enabling the advancement of frontier knowledge in areas complementary to those addressed through a challenge-driven approach

HORIZON-INFRA-2023-SERV-01-02 call:

Research infrastructures services advancing frontier knowledge

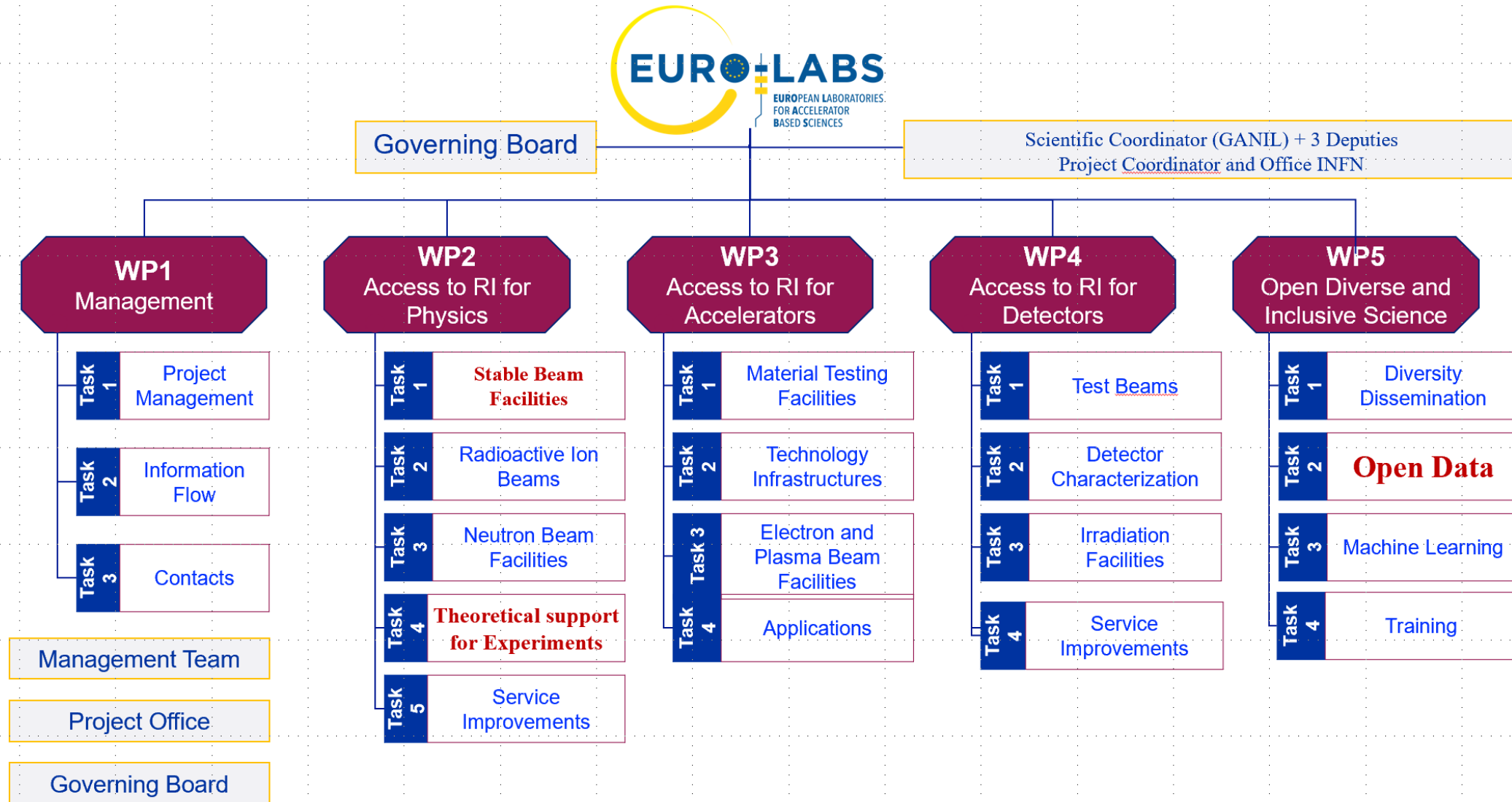
- Scope: This topic aims at providing trans-national access (on-site or remote) and/or virtual access to integrated and customised RI services for curiosity-driven research in wide scientific domains.
- Scientific domains are identified on the basis of a Multi-Annual Priority Setting (MAPS) exercise aiming at achieving a balanced coverage of scientific disciplines addressed under the INFRA-SERV destination as well as complementarities with Horizon 2020 ongoing grants offering access provision.
- In 2023, the scientific domains called under this topic are:
 - Biosphere: terrestrial biodiversity and ecosystems, including forest;
 - Astronomy and Astroparticle physics;
 - Arts and Humanities.

Expected Outcome

- wider, simplified, and more efficient access to the best research infrastructures available to researchers to conduct curiosity-driven research, irrespective of location;
- breakthrough and leading-edge research enabled by advanced research infrastructure services made available to a wider user community;
- improved and harmonized RI services and broader use of RI resources across Europe deriving from the exploitation of synergies and complementarities;
- a new generation of researchers trained to optimally exploit all the essential tools for their research;
- cross-disciplinary fertilizations and a wider sharing of information, knowledge and technologies across scientific fields fostered by closer interactions between researchers active in and around research infrastructures;
- better management, including implementing FAIR data principle, of the continuous flow of data collected or produced by research infrastructures.

- For the 'Excellence' criterion, in addition to its standard sub-criteria, the following aspects will also be taken into account:
 - The extent to which the access activities (trans-national and/or virtual access) will offer access to the state-of-the-art infrastructures of European interest in the field, high quality services, and will enable users to conduct excellent research
 - The extent to which the project will contribute to facilitating and integrating the access procedures, to improve the services the infrastructures provide and to further develop their on-line services
- Scientific domain: "Astronomy and Astroparticle physics"
- Budget: up to 14.5 million euros
- Deadline for submission: 15 March 2023

- *HORIZON-INFRA-2021-SERV-01-07: Research infrastructures services advancing frontier knowledge*
 - *Geosphere, including geo-hazards and geo-resources;*
 - *Biosphere: terrestrial biodiversity and ecosystems, including Arctic and forest;*
 - *Particle and nuclear physics*
- So far: EC-Trans-national Access had independent lives in Nuclear and High Energy Physics
- EURO-LABS is a consortium of forty-three Research Infrastructures (RIs) from twelve countries in Europe
- 33 beneficiaries for 14.5 Mio€
- Project start 1/9/2022



Action so far....



In some smaller rounds (mainly APPEC and ASTRONET) we already discussed the call issue with a positive movement to a coherent approach, some details:

- A joint astronomy/astroparticle community proposal
- Focus on the overarching topic "Time domain, multi-messenger follow-up" is proposed. One of the objectives should be the implementation of a (virtual) European Center for Multi-messenger Astrophysics
- The range will encompass the high-energy range (gamma rays, cosmic rays, neutrinos), Gravitational Waves, X-rays, optical and radio band.. There is a need for further discussions on what to include from other bands to keep a unified proposal
- H2020 funded projects interested to participate (dynamic list): Opticon RadioNet Pilot (ORP), AHEAD2020, ESCAPE, ...
- CNRS is offering the role of coordination of the proposal

Tasks for Today

Questions for today:

- Are we on the right track?
- Rough schedule how to continue
- call / agenda for October 12, 2022
- Working title?
- Do we have agreement on the overarching topic?
- Do we have the baseline idea on work packages?
- Which Research Infrastructures are included?
- Do we miss key players / key topics / key groups?
- More questions?

11 October

18:30-19:30 Finalize Working groups for next day. 4 large groups to start with:

- WP1: TNA and Virtual Access
- WP2: Low latency alerts , Cyberinfrastructure, Data access and Computing models, Standardisation, Interfaces and gateways
- WP3: Possible Common Joint Research Activities
- WP4: Training Engagement, Citizen Science

12 October Discussion Day, Proposal

Morning:

1. Convene in 4 different rooms at EGO
2. Discuss from 9 to 12:30 , participants define their priorities in the indico page, to distribute properly for room capacity, and they change rooms at their pace during the morning.

Afternoon:

1. Amphitheatre: 14:00-16:00 30 minutes restitution of Working groups
2. 16:30-18:00 Last discussion, including towards a European Virtual Centre