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APPLICATIONS

EuPRAXIA
Preparatory Phase

EuPRAXIA PP - WP3

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On behalf of INFN, CNRS, DESY, IASA

Funded by
the European Union

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WP3 Goals

The primary objective of WP3 is to develop the organisational model of EuPRAXIA to ensure a sound and timely execution of tasks when the RI will be operational. For this purpose, WP3 will develop an organisational model.

Name, title and month in which the milestones and deliverables expected by the project

Milestones:

- WP3-MLS3.1 Benchmark of comparable RI organisational models (M18)
- WP3-MLS3.2 Organisational requirements: requirements for internal procedures and tasks (M28)
- WP3-MLS3.3 Responsibilities breakdown (M32)

Deliverables

- WP3-DLV3.1Report (R) on the decision for the 2nd site (M18)
- VP3-DLV3.2 Report on the distributed RI Concept, including organization and rules (M42)

WP3 Deliverables & Milestones reports

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Reports delivered

- WP3-DVL3.1 Criteria and methodology for 2nd site selection 04/2024
- WP3-MLS3.1 Benchmark of comparable RI organisational models 04/2024
- WP3-DVL3.2 Report on the decision on the 2nd site 10/2024
- WP3-MLS3.2 Organisational requirements: requirements for internal procedures and tasks 04/2025
- WP3-MLS3.3 Responsibilities breakdown 6/2025

- **WP3 - DVL3.3 Report on the RI concept including organization and rules 4/2026**

Research infrastructure comparison

- First, we compared the organizational structures of various European distributed research infrastructures that shared characteristics with EuPRAXIA.

- The distinctive feature of EuPRAXIA is that it comprises two sites where both implementation and user operations take place, alongside numerous institutes collaborating on R&D and construction.

EuPRAXIA Organization and Governance

- We established a governance structure capable of managing the project during the project's growth phases. This governance structure will be proposed in the MoU to be submitted to the participating institutions and funding agencies.

- One of the tasks of the upcoming European EuPRAXIA project is to oversee the implementation phase and establish a legal entity to manage the Research Infrastructure.

- Selection of the second site

Second site choice preparatory meetings

The previous steps towards and the methodology for a collegiate decision on the second site have been described in deliverable report D3.1.

A series of preparatory workshops and meetings have been set up:

- June 5-7, 2023: In person workshop at Rome, https://agenda.infn.it/event/35633/
- June 14, 2023: Summary session and iteration per Zoom, https://agenda.infn.it/event/36630/
- July 4, 2023: Restricted iteration of most affected WP´s in EuPRAXIA-PP, https://agenda.infn.it/event/36705/
- Sept 18-22, 2023 In person meeting at EAAC, https://agenda.infn.it/event/35577/timetable/#20230919.detailed

Visits to the candidates sites

WP3 has organized, with the help of WP1, WP4, and WP16, visits to the candidate sites in 2023 and 2024.

- July 3-4, 2023: First WG3 meeting and site visit in CNR, Pisa, https://agenda.infn.it/event/36705/
- October 2, 2023: Second WG3 meeting and site visit in ELI-Beamlines , Dolni Brezany, https://agenda.infn.it/event/37465/
- Dec 4, 2023: Third WG3 meeting and site visit in CLPU, Salamanca, https://agenda.infn.it/event/38719/
- Feb 13-14, 2024: Fourth WG3 meeting

2nd site choice panel

To allow for a fair comparison of the proposed sites for EuPRAXIA's laser-based implementation, the four candidates are asked to prepare a short document, called "bid-book".

Panel members:

- Ralph Assmann (GSI): former EuPRAXIA-PP project leader
- Pierluigi Campana (INFN): EuPRAXIA-PP project leader
- Massimo Ferrario (INFN): head of SPARC_LAB (1st site)
- Antonio Falone (INFN): WP2 co-coordinator
- Andrea Ghigo (INFN): WP3 co-coordinator
- Arnd Specka (CNRS): WP3 co-coordinator
- Giancarlo Gatti (CLPU, Salamanca)
- Leo Gizzi (CNR, Pisa)
- Alexander Molodozhentsev (ELI BL, Prague)
- Rajeev Pattathil (EPAC, Rutherford Lab, Didcot)

Second site decision

- After evaluating the proposals in a collaborative process, the panel report was submitted to the Collaboration Board.
- The Collaboration Board has designated the ELI Beam Lines Laboratory in Prague as the laser-based site of EuPRAXIA Research Infrastructure.

Activities of the last year

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D3.3 - Report on the RI concept including organization and rules

- An updated report of the distributed EuPRAXIA RI concept, including organization and rules has been provided.
- It follows the lines originally described in the ESFRI Roadmap application proposal.
- During the years of implementation grant, the work done in the WP3 consolidated this scheme, that should be implemented in the final RI configuration.

1. EuPRAXIA project governance

- The project governance implemented during this European EuPRAXIA Preparatory Phase project is described
- This governance, during this phase, showed an effective and positive impact in view of the project implementation.
- The project governance and the advisory committees will be further described in the Memorandum of Understanding, that is intended to be adopted among the collaboration members for the prosecution of the EuPRAXIA Implementation Phase, after the end of the Preparatoty Phase (October 2026).
- The Implementation Phase will be been supported by EU with a new grant, with prepare the project with the legal entity that will govern the operation of the distributed European facility is established, so to enter the ESFRI Landmark (2031).

EuPRAXIA project governance - 1

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Collaboration Board

The decision-making body of the project is the Collaboration Board which proposes, discusses and votes on all the main actions of the collaboration and organizes the execution of the project.

The Collaboration Board is responsible for the overall supervision of the activities of the Consortium.

The Collaboration board is composed of representatives of all Members and Observers, i.e. the institutes, laboratories and funding agencies that makes up the European distributed research infrastructure Eupraxia.

Project Coordination

The Project Coordinator ensures the management of the Project and liaises between the Parties.

EuPRAXIA project governance - 2

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Management Team

The Management Team is appointed by the Steering Committee upon proposal of the Project Coordinator.

It assists the Project Coordinator, the Steering Committee and the Collaboration Board in the management and execution of the Project in compliance with the rules set forth in the Consortium Agreement and its Annexes.

Steering Committee

The Steering Committee is a more operational units to discuss in a restricted manner and directs the collaboration strategies, before submitting them for final approval to the Collaboration board, to make the processes more efficient.

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Scientific and Technical Advisory Board

The Advisory committee is composed of international experts in the field of implementation and application of the RI proposed by Eupraxia.

The Advisory committee reviews the technical-scientific proposals and the strategies for the construction and use of the infrastructures; checks that the construction schedule is respected

Board of Financial Sponsors

The Board of Financial Sponsors includes representatives of the governments or funding agencies that sponsor the distributed European research infrastructure Eupraxia.

The Board of financial Sponsor discusses the governance of the project and all economic and financial aspects of the implementation of the sites, the in-kind contributions and the common funds.

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Thanks for your attention

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