

EUROPEAN
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APPLICATIONS



Membership Extension Strategy WP6

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Objective

→ **Propose a strategy** to increase EuPRAXIA members

→ Identify **potential members**, e.g. communities, interested in either contributing to the **development of EuPRAXIA** accelerator technology or the **use of particle beams** delivered by EuPRAXIA facilities.

Help from EuPRAXIA
partners expected

Accelerator technology development is naturally embedded in **accelerator communities**: contacts with conventional accelerator communities in **national laboratories, universities** and industry will be made to discuss how contributions to EuPRAXIA will benefit to **accelerator development and use** in the future.

Users of particle beams or associated **radiation sources** belong to diverse fields (Physics, biology, industry, medicine) and constitute a huge number of groups worldwide with very **different size, requirements and potential involvement**.

Objective

→ **Propose a strategy** to increase EuPRAXIA members

Identify **potential members**, e.g. communities, interest groups

→ contributing to the **development of EuPRAXIA** accelerator technology or the **use of particle beams** delivered by EuPRAXIA

Help from EuPRAXIA
partners expected

Accelerator technology development is already well embedded in **accelerator communities**: contacts with conventional accelerator communities in **national laboratories**, **universities** and industry will be made to discuss how contributions to EuPRAXIA will benefit to **accelerator technology development and use** in the future.

Users of particle beams and associated **radiation sources** belong to diverse fields (Physics, biology, industry, medicine) and constitute a heterogeneous set of groups worldwide with very **different size, requirements and potential involvement**.

EuPRAXIA is already a large visible project in the international landscape: its construction should trigger collaborative exchanges worldwide.

Input and exchanges with EuPRAXIA partners expected

Proposed approach

- ➔ **Identify concepts or technical aspects of structures** with potential for multiple contributions.
(components of Eupraxia, complex objects/systems , as for example a laser plasma injector, training).
- ➔ **Identify the most relevant institutions** or collaborations for contributions to EuPRAXIA R&D and construction.
- ➔ Discuss/propose models for **user contributions** to EuPRAXIA development.
(e.g. how far users can be involved in the development of diagnostics or beamlines?).
- ➔ Contribute to define **models for contributions to EuPRAXIA**: technical and business models for interaction with EuPRAXIA members, special status, etc...
(e.g. different level of collaboration? Funding from where?)
- ➔ **Identify synergies** with existing networks and projects to link EuPRAXIA to existing collaborations.
(e.g. make a list of collaborations, EU projects, lab. projects and discuss the way to interact with them).

Involved institutes



Brigitte Cros (leader)



Andrea Mostacci (co-leader)

Work organisation

- ➔ **Organisation of the WP:** identification of contributing partners, **search for external post-doc** and intern resources, interaction with other EuPRAXIA partners to assess the main needs, **identify contact persons in other WPs.**
- ➔ **Organise a workshop** to present EuPRAXIA opportunities to accelerator developers and scientific users.
- ➔ **Identify collaborative structures and institutions** with interest in EuPRAXIA; organise one to one meeting between EuPRAXIA representative and institutions to present EuPRAXIA and discuss contributions.

Milestones Outreach Workshop (M22)

Deliverables Report on international integration (M42)

EuPRAXIA is already a large visible project in the international landscape: its construction should trigger collaborative exchanges worldwide. Need to structure and organise extension of membership.

WP6 planned actions

- ➡ Together with other WPs, review and define **potential structures** (items, complex objects, systems, training ...)
- ➡ Establish list of people that contacted EuPRAXIA, list of **institutions or projects** to contact.
Main focus on Institutional partners since Industrial partners are already included in other WPs.
- ➡ Identify/share **collaboration framework** (rules for linking with other partners).
- ➡ Understand better the implications (potentialities) of **being an ESFRI project**.
- ➡ **Organise technical workshops**, with help of other WPs, to explore possible collaborations and contributions.

