



RADIOBLOCKS – WP1

Driving Innovation in radio astronomy through strategic partnerships

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WP1: **Management**

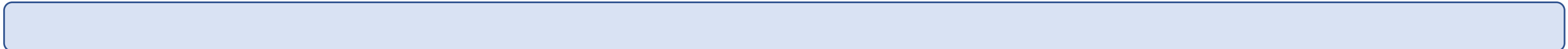
Responsible for supporting the project activities and the curation, preservation and accessibility of RADIOBLOCKS results.

- Website (radioblocks.eu)
- Project meetings
- Communication tools
- Promotional material / templates
- Repositories (GitHub, GitLab, Overleaf, Zenodo)
- Executive Team meeting every two or three month
- General Assembly meetings once per year
- Developing and executing a dissemination plan
- **Industrial advisory board**

Work Package 1 deals with the managerial duties of the project.

It is composed of JIVE personnel and includes the coordinator, the project manager, the financial officer, the communication officer and a project officer.

WP1 assists other WPs with their activities and collects the project deliverables for the EC portal.





Engaging with RADIOBLOCKS

RADIOBLOCKS offers a unique opportunity for industry to collaborate on groundbreaking research and development, driving innovation and growth.

Ways to engage:

Industry Advisory Board: Provide strategic guidance and explore collaboration opportunities.

Workshops and Events: Dissemination in joint academic/industrial events to explore specific technical topics.

Collaborative R&D: Partner in research and development projects to leverage RADIOBLOCKS technologies and expertise.

Mutual benefits

- Industry gains access to cutting-edge technologies and expands their expertise.
- Research benefits from industry's knowledge of state-of-art development methods.
- The collaboration opens industry partners to novel markets.



Potential for Industrial Collaborations

Expanding Horizons: Opportunities Beyond RADIOBLOCKS

Technologies and expertise developed within RADIOBLOCKS have wide-ranging applications beyond radio astronomy, offering substantial opportunities for new industrial partnerships.

Technology transfer areas:

- Telecommunications: Advanced antenna technologies, high-speed data processing, and signal processing methods can be directly applied to the telecommunications industry.
- Aerospace: High-reliability components and advanced data processing techniques are relevant to the aerospace sectors.
- High-Performance Computing: GPU-based processing and high-speed data transport are valuable to other scientific fields and commercial high-performance computing applications.
- AI/ML Applications: Expertise in AI/ML for signal processing can be leveraged across various sectors.

Potential partners

- Companies in the semiconductor industry.
- Organizations developing AI/ML hardware and software solutions.
- Companies specializing in high-speed data transport equipment.
- Organizations working with complex simulation systems.