

Galaxy Europe



Funding source
**National, regional,
institutional, other**

In-kind value
> €10M

Timeframe
2010–ongoing

Target group
Researchers

Scale
International

Year of reporting
N/A

Best practice

Galaxy Europe is an IT infrastructure with more than 100 000 registered users that supports FAIR data analysis across scientific domains by providing 3 600 tools. It fosters Open Science and cross-border collaboration in alignment with EOSC's goals. Recommended by ELIXIR, the infrastructure ensures data accessibility, sharing, and reproducibility, emphasising interoperability for scalable and reproducible research across Europe.

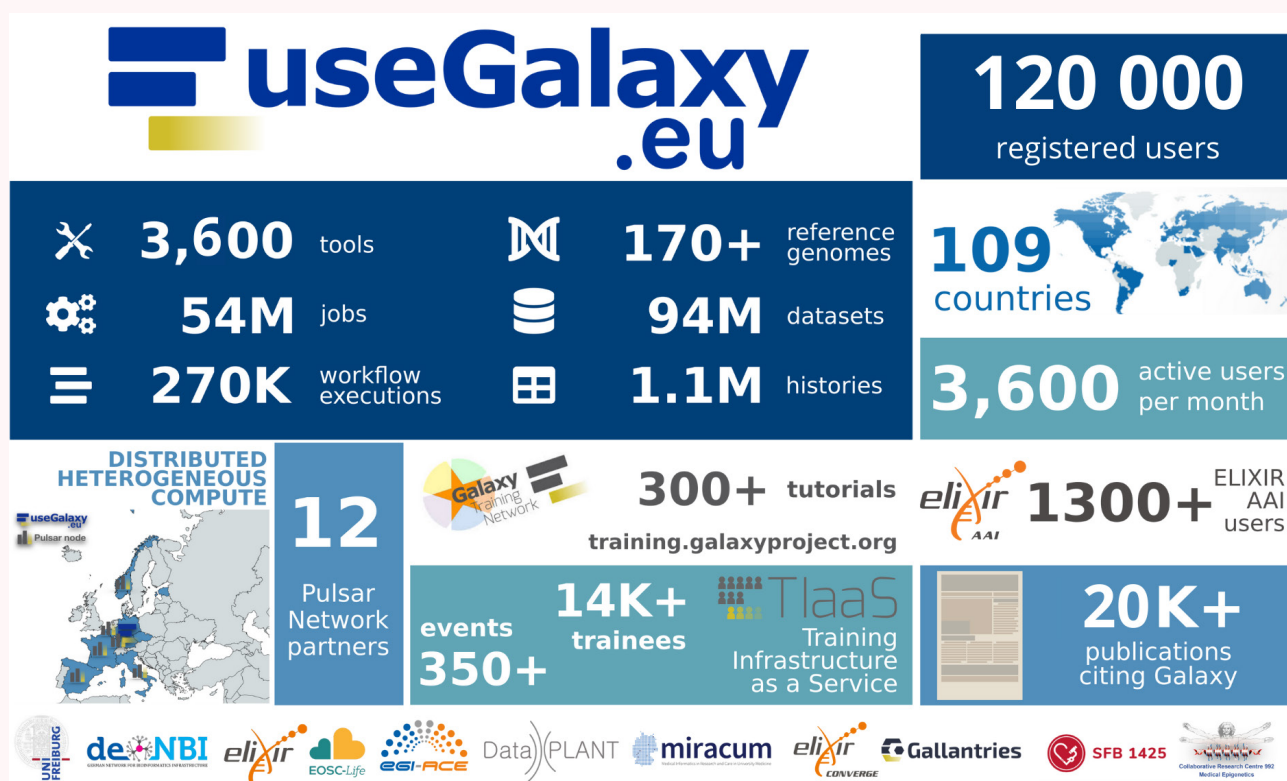


Added value

- Empowering FAIR research practices by **simplifying data processing**, analysis, and visualisation while promoting FAIR principles.
- Supporting **cross-domain integration** by enabling interdisciplinary analysis without the need for users to switch platforms.
- Enhancing interoperability and integration with Open Science technologies and projects, such as S3 and the EGI Infrastructure, thus fostering a **harmonised Virtual Research Environment**.

Problem addressed

Galaxy Europe addresses the challenge of fragmented and complex research environments by providing a unified, user-friendly platform for data analysis. It simplifies access to FAIR data, tools, and workflows, enabling researchers across disciplines to conduct reproducible, cross-domain studies while promoting interoperability and collaboration within the EOSC ecosystem.



Galaxy Europe in Numbers: Key statistics from usegalaxy.eu, supporting Open Science and data analysis. CC BY Galaxy Community, author: Björn Grüning, editor: Marie Jossé

SRIA General Objective

G03: Establish a sustainable and federated infrastructure enabling open sharing of scientific results

Research areas

- Medical and Health Sciences
- Natural Sciences

Type of result

- Infrastructure
- Service
- Network
- Tool
- Training