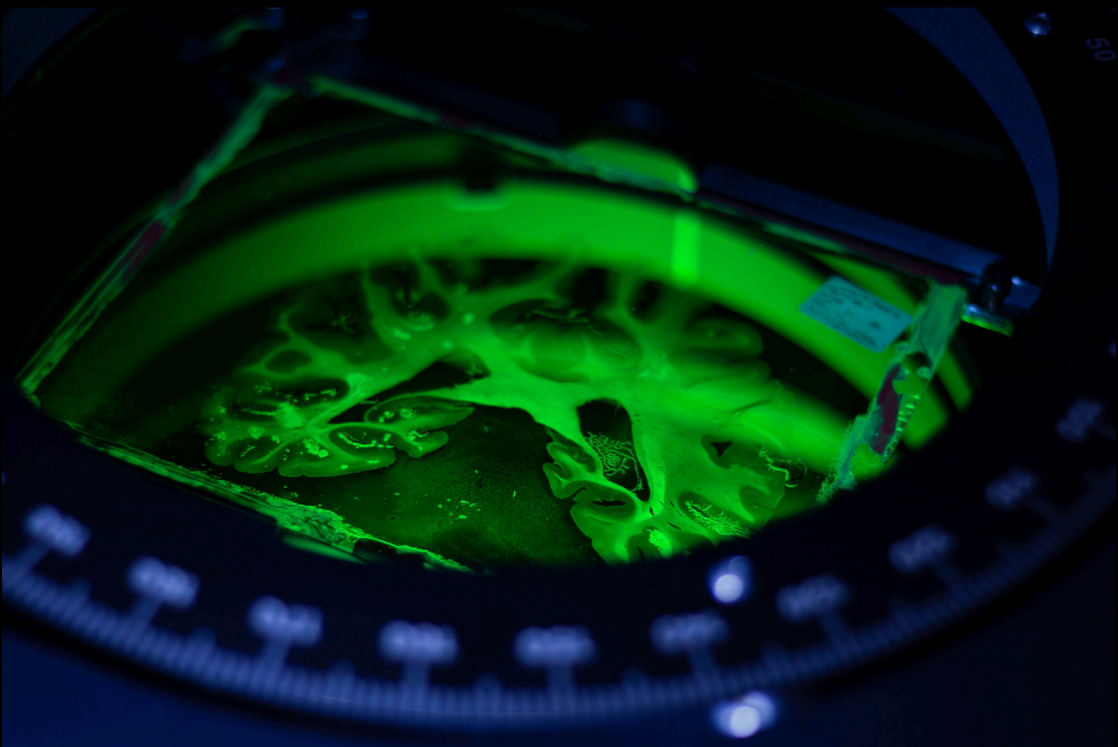


EBRAINS RI

Built for Brain Breakthroughs

Europe's Digital Infrastructure for Brain Research



Co-funded by
the European Union



EBRAINS

Who we are

EBRAINS is a unique digital Research Infrastructure, created by the EU-funded Human Brain Project.

EBRAINS is a ground-breaking collaborative research infrastructure designed to advance and accelerate progress in the fields of neuroscience, brain research, and brain health.

This innovative platform, a legacy of the Human Brain Project, provides an ecosystem where researchers, clinicians and experts from various disciplines converge to explore and analyse the complexity of the brain at different scales, ranging from molecular and cellular levels to the functioning of the entire organ and its implications for behaviour and disease.

The overarching goal of EBRAINS is to foster a deeper understanding of brain structure, function and mechanisms to facilitate the development of more effective treatments, diagnostics and preventive measures for neurological and psychiatric disorders.

What we offer

Our Open Science Tools and Services empower researchers to overcome existing barriers in the field of neuroscience, and advance the understanding of mechanisms underlying brain functions and cognitive abilities.

EBRAINS aims at accelerating collaborative brain research with a comprehensive package of data, tools and facilities:



Atlases

3D maps of the brain to navigate and analyse complex neuroscientific data



Medical Analytics

Find, share and work with medical and clinical brain data in a fully compliant way



Modelling and Simulation

Create computational models of the brain, simulate brain activity and study its behaviour and function



Data and Knowledge

Find and share brain data, computational models and software



Collaborative Platform

Shape the development of tools through community input for our co-design approach



Computing Infrastructure

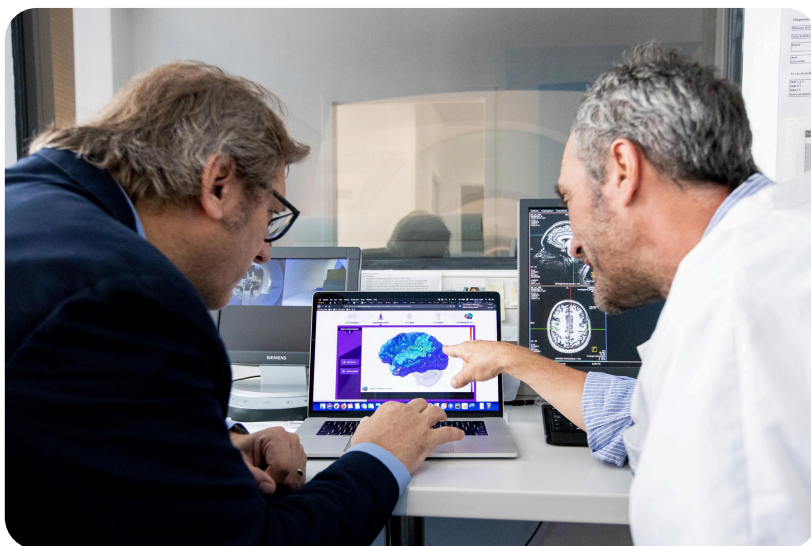
Gain access to cutting-edge computing centres

How we work

Collaboration and sharing are essential components of our approach.

Academic researchers have open access to EBRAINS' state-of-the-art tools. Industry researchers are welcome to use the platform under specific agreements.

EBRAINS is dedicated to promoting Responsible Research and Innovation practices and to helping shape the direction of research in ethically sound ways that serve the public interest. For more information about EBRAINS, please contact us at info@ebrains.eu.



Our values

At EBRAINS, our mission is to foster a collaborative environment based on integrity and shared values that reflect the diversity and ethical principles of the European community.

As an acronym for Ethics, Gender Equality, Equity, Diversity and Inclusion we use the umbrella term E³DI (or EEEDI). The first 'E' stands for ethics, which in projects involving medical data is often primarily related to informed consent, data collection, storage and processing. The addition of 'EEEDI' raises awareness of the European Strategy for Gender Equality, the intersectionality of gender with other diversity characteristics, and the requirement to create an inclusive collaborative culture within our projects and EBRAINS communities.

As such, we are committed to building an inclusive culture where different perspectives are valued and everyone is empowered and recognised for their contributions.

The logo for ESFRI (European Strategy Forum on Research and Innovation) consists of a solid blue square with the white text "ESFRI" inside it.

ESFRI

EBRAINS is proud to be listed on the ESFRI Roadmap 2021.

Create an EBRAINS account

EBRAINS offers a world-class infrastructure for brain research, providing tools, services and data for neuroscientists.

Some resources are available publicly without an account. Other resources are accessible only to registered users.



ebrains.eu



[@EBRAINS_eu](https://twitter.com/EBRAINS_eu)



[@EBRAINS](https://www.linkedin.com/company/EBRAINS)



@ebrains@mastodon.social



[@ebrains.bsky.social](https://bsky.app/profile/@ebrains.bsky.social)

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