

Europe's
digital
infrastructure
for brain
research



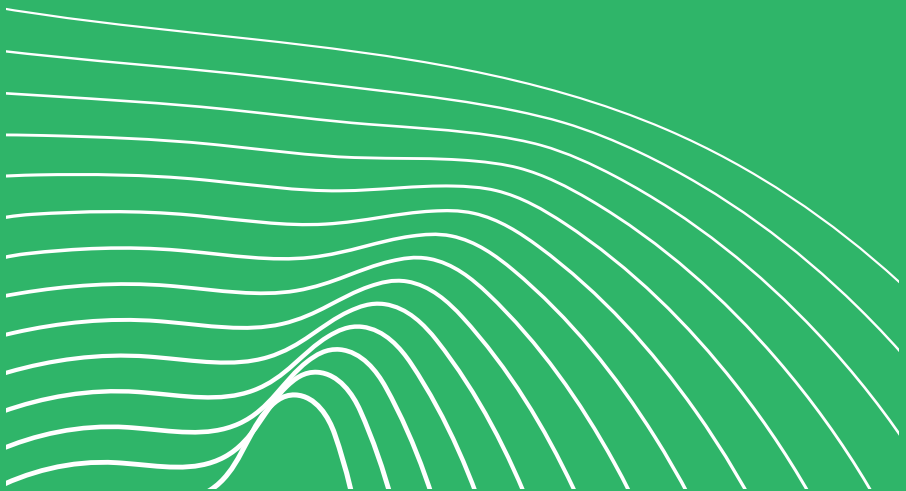
EBRAINS



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.



Make the most out of EBRAINS

EBRAINS is open and free. Sign up on ebrains.eu for complete access to our Open Science Tools.



What we offer

Our Open Science Tools 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



FAIR data

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.

Join our community of users
and follow us on our social media.

www.ebrains.eu



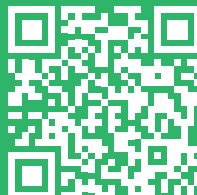
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EBRAINS is proud
to be listed on the ESFRI
Roadmap 2021



EBRAINS is an AISBL
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