



Media Fact Sheet

The Human Brain Project (HBP)

- European FET (Future and Emerging Technology) Flagship project running 2013-2023
- One of the largest research projects in the world
- Includes more than 500 researchers from 122 institutions in 17 countries
- Resulted in around 1500 publications to date
- Total budget of HBP including partner contributions: € 607 million
- Vision:
 - To deepen our understanding of human brain structure and function, by building a European research infrastructure that harnesses multiple disciplines and computing, and advances science, ICT and medicine, to the benefit of society.
- Missions:
 - To explore the multi-level complexity of the brain in space and time.
 - To transfer the acquired knowledge to brain-derived applications in health, computing, and technology.
 - To provide shared, open computing tools, models and data through the European Brain Research Infrastructure “EBRAINS – Solutions for Neuroscience” that serves to integrate brain science across disciplines.
 - To create a trans-disciplinary community of researchers united by the quest to understand the brain at multiple scales of organisation and functioning and thus derive societal benefits.

EBRAINS

- Digital research infrastructure developed by the HBP
- Open platform that provides an extensive range of data and tools to enhance brain-related research
- Aims to enable scientific advances in neuroscience, brain health and medicine, and brain-inspired technology
- Included in the 2021 Roadmap of the European Strategy Forum on Research Infrastructures (ESFRI)
- EBRAINS offers:
 - Tools for accessing and sharing research data, computational models and software
 - Brain atlases for navigating, characterising and analysing neuroscientific findings on the basis of anatomical location
 - Tools and services for brain simulation studies
 - Brain-inspired technologies
 - Medical Data Analytics service covering key areas in clinical neuroscience research
 - Data curation and storage