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Human Brain Project

The Commission has just signed a partnership agreement with the Human Brain Project, a key EU research project aiming to better understand how the human brain works.

The [Human Brain Project](#) (HBP), launched in 2013, will provide researchers with world-class infrastructure, ICT tools and mathematical models to improve their knowledge of the human brain, its diseases and its computational capabilities.

Today's agreement will enable the Commission to support the HBP until 2020, under the EU research and innovation programme [Horizon 2020](#). The project involves more than 400 researchers from 24 countries from all over Europe. The overall budget of the HBP is estimated to €1 billion over ten years (2013-2023), with support from the Commission and from other partners including universities, industries and Member States' own programmes.

The Framework Partnership Agreement (FPA) signed today formalises the long-term commitment, roles and responsibilities between the HBP project consortium and the Commission until 2020. The agreement reinforces the governance structure of the HBP as well as the essential contribution of cognitive neurosciences in it.

The Human Brain Project and Graphene were selected in 2013 as [Future and Emerging Technologies Flagships](#) to tackle the grand scientific and technological challenges of digital science.

More information on the Human Brain Project (HBP)

The [Human Brain Project](#) (HBP), is a €1 billion research initiative to deliver 10 years of world-beating science at the crossroads of science and technology. It was selected for EU funding in [January 2013](#) by a high-level evaluation panel including leading scientists, industrialists and specialists from across a broad

range of disciplines.

The HBP is building an ICT research infrastructure for neurosciences, brain medicine and future computing that will provide researchers with computational and big data integration tools and services and mathematical models for modelling and simulating the brain using supercomputers. The HBP brings together many different scientific communities seeking to make advances in neuroscience, computing, robotics and medicine.

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Source URL (retrieved on 16 Jul 2024 - 09:35): <https://www.bsc.es/es/news/bsc-news/european-commission-signs-agreement-take-human-brain-project-next-phase>