



## PRESS RELEASE

### EBRAINS and SciLake collaborate to improve data services for neuroscience research

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**The EBRAINS research infrastructure recently announced a strategic collaboration on a neuroscience pilot project with SciLake, a EU-funded project that supports open science. This partnership aims to enhance neuroscience research by interlinking the EBRAINS data network (Knowledge Graph) with SciLake's services. The joint effort focuses on improving data linkage with scientific articles and identifying trends and gaps in neuroscience research through advanced analytics of data availability and usage.**

SciLake assists scientific communities in constructing advanced data networks mapping data from multiple sources and creating connections between different entities (researchers, organisations, funders, and facilities) of a given topic.

Neuroscience is a complex field studying the basic properties of the brain, disease-related changes, and application of brain-inspired sciences. A significant challenge in this field is how to handle the large diversity of data sources and formats, which limits the integration of data and reproducibility of research outputs. EBRAINS offers a research infrastructure that is tailored for integrating heterogeneous data and metadata. The collaboration between EBRAINS and SciLake will connect the EBRAINS data network to the wider pool of publication data in the OpenAire Graph, enabling analysis of information from various resources and more efficient tracking of progress and trends. The advanced text mining functionalities of OpenAire will greatly expand the possibilities for data providers and users to analyze the uptake and relevance of data organized in the EBRAINS Knowledge Graph.

The collaboration anticipates improved data workflows, insights into the research landscape, and optimised data curation efforts. Scilake's neuroscience pilot aims to enhance connectivity and FAIRness, benefiting researchers using EBRAINS data services and interoperable platforms globally.

### About EBRAINS

EBRAINS is an open research infrastructure that gathers high-quality research data, tools and computing facilities for brain-related research, built with interoperability at the core. The infrastructure offers an extensive range of FAIR brain data sets, a most comprehensive multilevel brain atlas, AI-based tools for analysis, modelling and simulation, and access to high-performance computing resources, robotics and neuromorphic platforms to researchers. Explore the tools and services available [here](#).

EBRAINS AISBL is an international non-profit association, headquartered in Brussels, Belgium. It is organised around a central hub that coordinates a pan-European network of services delivered through currently 11 [National Nodes](#): Belgium, Denmark, France, Germany, Greece, Italy, Netherlands, Norway, Spain, Sweden, and Switzerland.

### About SciLake

SciLake is a project funded by the European Union's Horizon Europe program. The project aims to create a seamless integration between domain knowledge and open Scientific Knowledge Graphs while also developing useful added-value services for specific research areas. The ultimate goal is to empower researchers and foster a more interconnected and efficient scientific community. SciLake brings together a competent consortium of 13 partners from 9 different countries. The consortium consists of partners with expertise in knowledge management and discovery, as well as experts from Neuroscience, Cancer, Transportation, and Energy research, who are involved in piloting activities.

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