

Call Text

The Human Brain Project (HBP) FET Flagship Call for Expressions of Interest (CEol) on

Co-designing the HBP digital infrastructure for advancing the understanding of multilevel brain organisation

Call publication date:	10.07.2017
Proposal Submission Deadline:	30.09.2017
Call topic	Co-designing the HBP digital infrastructure for advancing the understanding of multilevel brain organisation
Integration of call in the HBP	SGA2 - starting 01.04.2018
Timeframe (set by the HBP SGA2)	01.04.2018 - 31.03.2020
Total Budget of the new Work Packages (EU funding under the HBP SGA2):	<p>Total Call Budget: EUR 1,839,396 (including 25% of Indirect Costs)</p> <p>Selection of two proposals, each with a budget of:</p> <p>Core science of the project: EUR 769,698</p> <p>HBP Joint Platform Vouchers: EUR 150,000</p> <p>Total Budget per proposal: EUR 919,698</p> <p>Co-funding (in-kind, cash, or a combination) of approx. EUR 770,000 per proposal is requested.</p>
More information	codesigning-hbp@opencalls.humanbrainproject.eu
Proposal submission	Proposal Submission for Co-designing the HBP digital infrastructure

This Call for Expression of Interest (CEol) is for Organisations interested in “**Co-designing the HBP digital infrastructure for advancing the understanding of multilevel brain organisation.**”

Under this CEol, potential new Partners are expected to group up with other prospective Partners of their choice to submit proposals for a challenging project addressing high-level Use Cases to further **advance the development of the HBP research infrastructure**. The suggested approach must have the potential to *yield disruptive results* while demonstrating a *very high quality of participating partners*. Teams could be composed of Scientists, Developers and Engineers. Organisations/groups of prospective project Partners submitting proposals for this call are expected to have a strong track record in the development of digital infrastructure in large neuroscience or life sciences projects or equivalent. The proposal, bridging

several different *HBP disciplines*, must be compatible with the requirements of the CEol, as specified in the guide for applicants.

- The proposal should describe precisely what will be delivered in each area relevant to the scope of the call. Contribution to the project activity reports will be required from the new partners; for example, reporting on resources used in the period.
- Applicants will have to demonstrate they can work closely and effectively with each other and with other HBP Partners concerned with the topic of the proposed project. They may wish to consider the integration of the work of one or more of the HBP partners, or to contact any of them to express their interest in joining a project proposal that they may be preparing under this CEol.

In particular, the selected proposals should:

- **bridge and integrate the activities of three or more HBP Subprojects and thus create a Co-Design Project (CDP¹), where brain researchers collaborate with engineers to define, specify, and customise parts of the HBP digital infrastructure.**
- **make critical, substantial contributions to the engineering of HBP platforms, including specification of data and/or tools, which will then be distributed through the platforms to the scientific community.**
- **have the clear potential for real-world applications (e.g. in software, atlas of brain data, robotics, neuromorphic computing).**

The winning proposals will become part of the envisioned overall HBP Work Plan for the second Specific Grant Agreement (SGA2) and will be located in at least one of the platform-relevant HBP Subprojects as new Work Packages. The exact integration of the suggested work plan into the HBP Core Project will be decided during the preparation phase for the inclusion of the new Partners in the consortium.

Organisations, either already part of the HBP Consortium or not, are eligible for funding under this CEol. Laboratories already receiving funding in SGA2 are not allowed to apply for the Call budget. They can only act as supporting Partners without asking for additional funding. A laboratory not receiving HBP funding but part of a university or organisation that is already a Partner in the HBP is eligible to participate in the Call.

Proposals can only be submitted by organisations established in the EU Member States or Horizon 2020 associated countries².

¹ <https://www.humanbrainproject.eu/en/collaborate/open-calls/subprojects-ceols/>

² The countries eligible to apply are all the EU Member States and the H2020 Associated Countries. For eligibility of other countries, see http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/international-cooperation_en.htm.

The parent organisations of the applicants that put forward the winning proposals, will become full Partners in the HBP Consortium, subject to the HBP Framework Partnership Agreement (FPA) and will be required to sign the HBP Consortium Agreement. The addition of new Partners to the Consortium is subject to the approval of the required FPA amendment by the HBP Stakeholder Board and the EC.

- Funding for the “Co-designing the HBP digital infrastructure for advancing the understanding of multilevel brain organisation” projects will be granted for a period of 24 months (1 April 2018 to 31 March 2020). **Two proposals** will be selected.
- The requested budget must not exceed **EUR 769,698** per proposal (core budget). Platform vouchers of **EUR 150,000** each, are being awarded in addition to the core budget, resulting in a total budget of EUR 919,698 each. The HBP Joint Platform Vouchers fund the integration of project results within the HBP platforms, performed by the HBP High Level Support teams.
- Matching contributions of around **EUR 770,000** per proposal are required (for details see Guide for Applicants).

More information, including the Proposal Submission Template and Guide for Applicants, can be found on the website: [Proposal Submission for Co-designing the HBP digital infrastructure](#)

If you have further questions, please contact us at codesigning-hbp@opencalls.humanbrainproject.eu