DIGITBRAIN

CALL ANNOUNCEMENT

DIGITbrain Second Open Call

DIGITbrain - Second Open Call for Application Experiments

H2020 DIGITbrain project (https://digitbrain.eu), funded by EC under the Grant Agreement number 952071, includes Financial Support to Third Parties (FSTP) under two Open Calls. DIGITbrain has the ambition to transform the CloudiFacturing Solution and ecosystem (developed in the H2020 CloudiFacturing Project) towards the requirements of Manufacturing as a Service (MaaS), utilising the Digital Brain and its underlying technology components as the main innovation of the project.

This Open Call is focused on attracting Third Parties (especially manufacturing and ISV SMEs and mid-caps) **to perform experiments** to **validate the DIGITbrain solution** and to **make SMEs more competitive by transferring innovative solutions** into the wider manufacturing community. Experiments will be implemented in **close collaboration with Digital Innovation Hubs and technical partners of Competence Centers.** This interaction should start during proposal preparation, with DIHs and technical partners of competence centers acting as business and technical supporters for applicants. This collaboration will then continue during the experiments' deployment and execution.

KEY CALL DETAILS

Project full name: Digital twins bringing agility and innovation to manufacturing SMEs, by empowering a network of DIHs with an integrated digital platform that enables Manufacturing as a Service (MaaS)

Project acronym: DIGITbrain

Call identifier: DIGITbrain – OC2

Project grant agreement number: 952071

Call opening: 28th February 2022, 10:00h (CET Time)

Submission Deadline: 31st May 2022, 17:00h (CEST Time)

Expected duration of participation in experiments: 12 months

Total EC funding available for Third Parties in DIGITbrain-OC2: up to 684.600 EUR financial support for Third Parties is available to support 7 experiments. DIGITbrain considers that proposals requesting a contribution up to 97,800 EUR per experiment would allow the specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Maximum amount of financial support for each Third Party: 60,000 EUR

Language in which proposal should be submitted: English

Web link for further information (full call text/proposal guidelines/call results) on the official project web site: https://digitbrain.eu

Email address for further information: opencall@digitbrain.eu

EXPECTATIONS FOR EXPERIMENTS

Grounding on the Digital Twin concept, experiments will be focused on enabling the **customization of Industrial Products** (intended as systems operated by manufacturing companies to support the production of the final consumer products) and facilitating **cost-effective distributed and localised production** for manufacturing SMEs or mid-caps, by leveraging edge, cloud and HPC-based **modelling**, **simulation**, **optimisation**, **analysis,** and **machine learning** tools. Experiments can cover any segments in the **manufacturing sector at large,** including (but not limited to) discrete manufacturing, continuous production, or construction.

Experiments should aim at covering **the development and uptake of digital technologies** especially in segments where these are underexploited.

EXPERIMENT CONSORTIA

An experiment consortium has to meet the following requirements:

1. The minimum number of partners in an experiment consortium must include:

   o One **End User** (mainly SMEs); and

   o One **Technical partner** acting as Independent Software Vendor (ISV), engineering or software consultant.

2. All Third Parties must come from European Member States, Associated Countries or the United Kingdom[1].

3. According to the EC rules, no Third Party is allowed to have received more than 100,000 EUR from Horizon 2020 I4MS and SAE Open Calls[2].

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[1] For further information, please visit: https://ec.europa.eu/info/research-and-innovation/statistics/framework-programme-facts-and-figures/horizon-2020-country-profiles_en

[2] DIGITbrain will receive assistance from the European Commission to cross-check if an organization that has been shortlisted for funding under the current DIGITbrain's OC2 has already received FSTP via an Open Call under any other H2020 I4MS/ SAE Project and to ensure that the right funding is allocated to a Third Party in case it exceeds the above threshold (including any DIGITbrain potential funding).