

CloudiFacturing - Cloudification of Production Engineering for Predictive Digital Manufacturing - is a European Innovation Action (IA) in the framework of Factories of the Future (FoF) with the mission of optimizing production processes and manufacturability, using Cloud/HPC-based modelling and simulation, and leveraging online factory data with advanced data analytics; thus, contributing to the competitiveness and resource efficiency of manufacturing companies, especially small and medium-sized enterprises (SMEs). With our Open Call, we are looking for innovative use cases in the context of the project's mission. The use cases shall clearly state the industrial impact and exploitation perspective for all involved stakeholders, based on their expected benefit from leveraging computational engineering and production services and workflows powered by the CloudiFacturing Solution incl. the CloudiFacturing Digital Marketplace.

KEY CALL DETAILS

Project full name:	Cloudification of Production Engineering for Predictive Digital Manufacturing
Project acronym:	CloudiFacturing
Call identifier:	CloudiFacturing -2
Project grant agreement number:	768 892
Call opening:	1 st July 2019
Submission Deadline:	30 th September 2019, 17:00 h (Brussels local time)
Expected duration of participation:	1 st January 2020 to 31 st December 2020
Total EC funding available for new partners in CloudiFacturing-2:	up to approx. EUR 735,000 financial support for 3 rd parties, which corresponds to approx. EUR 1 million budget
Expected maximum funding per experiment:	Approx. EUR 100,000 per experiment depending on number of partners (max. EUR 60,000 for 3 rd parties) <i>Funding will not be awarded to individual legal entities that have already received more than EUR 100,000 via open calls (FSTP¹) from H2020 I4MS and SAE projects.</i>
Language in which proposals should be submitted:	English
Web address for further information:	https://www.cloudifactoring.eu/open-calls-general/
Web address for submissions:	https://www.cloudifactoring.eu/submission/
Email address for further information:	contact@cloudifactoring.eu

¹ Financial Support for Third Parties

EXPECTATIONS TOWARDS NEW EXPERIMENTS

From a proposer's point of view, the objectives are as follows. The Application Experiments shall:

- democratize the access to ICT solutions on Cloud / HPC resources,
- support SMEs to boost their competitiveness,
- facilitate cross-border cooperation,
- profit from a network of experts,
- excellent opportunity for SMEs to access EC-funding for experiments with new technology and to address current challenges,
- relatively compact proposal and lightweight the evaluation process,
- high success rate in comparison to the EC's SME program – at least in former Open Calls,
- support from CloudiFacturing Digital Innovation Hubs (DIHs) in preparation phase of proposals, and
- being complementary to the existing experiments – see:

The initial set of ongoing application experiments are described at:

<https://www.cloudifacturing.eu/wave-1-experiments/>

The set of running 2nd wave application experiments are described at:

<https://www.cloudifacturing.eu/wave-2-experiments/>

More details on our 2nd CloudiFacturing Open Call can be downloaded from:

<https://www.cloudifacturing.eu/open-call-application-system-w2/>

CONSORTIA

The use cases need to be driven by the end user, a manufacturing company, preferably an SME.

Small consortia consisting of 2 to 5 multidisciplinary partners, e.g.

- end users from the manufacturing sector,
- Independent Software Vendors (ISVs),
- engineering or software consultants, aka Value-Added Reseller (VARs),
- research organizations,
- High-Performance Computing (HPC) providers,
- Digital Innovation Hubs,

have the opportunity to propose use cases from different manufacturing sectors to be executed within the framework of the CloudiFacturing project.

An Application Experiment consortium has to meet the following requirements:

- The minimum number of partners in an experiment consortium is 2:
 - one end user and
 - one ISV or VAR.
- Each consortium has to include partners (3rd parties) from at least two different countries eligible for funding², i.e. experiments must be cross-border.

² for eligible countries see:

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cp/h2020-hi-list-ac_en.pdf
AND
http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-ga_en.pdf

Optionally, the experiment consortium can be augmented by consultants, research organizations, DIHs (see section 4.1. in the Guide for Applicants: Who can become 3rd party) and even additional end users or ISVs / VARs.

PROPOSAL SUBMISSION

Proposals have to be submitted electronically in PDF form via the following webpage:

www.cloudifactory.eu/submission/

PDF files must not exceed 5 MB. Proposals not using the proposal template for the CloudiFacturing-2 Open Call will not be evaluated. Proposals must be received before the closing time and date of the call:

30th September 2019, 17:00 h (Brussels local time).

Provided the call is not yet closed, the consortium can upload the proposal several times, overwriting previous versions. Only the last version received before the closing time will be considered for evaluation. Proposals handed in later or provided by any other means will not be considered.