



CLOUDFLOW OPEN CALL 2 FOR APPLICATION EXPERIMENTS

This Open Call for proposals seeks to increase the number of partners and Application Experiments currently being carried out within the CloudFlow project. Application Experiments shall be rooted in computational technology for manufacturing and engineering industries, preferably small and medium-sized enterprises (SMEs), giving them affordable access to Cloud technology. Application Experiments are expected to extend the CloudFlow infrastructure and to address workflows along the value chain in and across companies. Priority will be given to innovative product development and products, such as mechatronic systems and cyber-physical systems, including, e.g., multi-domain simulation (mechanics, electronics, software, fluid dynamics, acoustics, etc.). It will be regarded positive if experiments – at least partially - build on the workflows, services and applications already available in CloudFlow from the first and second wave of experiments.

KEY CALL DETAILS

Project full name:	Computational Cloud Services and Workflows for Agile Engineering
Project acronym:	CloudFlow
Call identifier	CloudFlow-2
Project grant agreement number:	609100
Instrument type:	Large-scale integrating project
Call opening:	30. June 2015
Deadline:	30. September 2015 (17:00 Brussels time)
Expected duration of participation in project:	1. January 2016 to 30. September 2016
Total EC funding available for new partners:	approx. 600,000 Euros
Total budget of the experiments:	approx. 1. Mio. Euros
Number of new partners to be selected:	1-4 partners for each of the 7 new experiments
Expected maximum funding per experiment	30.000 to 90.000 € for new beneficiaries, depending on number of beneficiaries per experiment
Language in which proposals should be submitted:	English
Web address for further information:	http://www.eu-cloudflow.eu/open-calls/
Web address for submissions:	http://www.eu-cloudflow.eu/open-calls/submission-tool
E-mail address for further information:	info@eu-cloudflow.eu

EXPECTATIONS FOR NEW EXPERIMENTS

Application Experiments shall demonstrate as many as possible of the following characteristics:

1. being driven by an end-user need
2. addressing a real use case
3. demonstrating high potential and impact to benefit from Cloud technology
4. being compatible with the existing CloudFlow infrastructure
5. being innovative
6. having a high economic impact for the end user and the ISV (if present in consortium)
7. being complementary to the existing experiments, see:

<http://www.eu-cloudflow.eu/experiments>

A full description of the 2nd CloudFlow Open Call can be downloaded from:

<http://www.eu-cloudflow.eu/open-calls/>

CONSORTIA

An application experiment consortium should typically have 1-4 partners out of the following range:

- End user (mandatory as 'driving' partner)
- Independent software vendor (ISV)
- HPC provider¹
- Research institution

Their work will be complemented by existing partners from the CloudFlow Competence Center to safeguard a smooth integration with the CloudFlow infrastructure.

Please note that in case there are equally ranked proposals, preference will be given to those where the consortium shows a European dimension (not only a regional or national dimension) and/or where regions are represented by partners not yet covered by the existing Consortium, e.g., partners from New Member States, Of course this does not exclude any proposals, since this rule only applies in case of equality of the assessment.

PROPOSAL SUBMISSION

Proposals are to be submitted using the proposal submission tool at:

<http://www.eu-cloudflow.eu/open-calls/submission-tool/>

There you also find detailed instructions for proposal submission, information about the evaluation criteria to be applied, FAQs, and the template for CloudFlow Application Experiment proposals including the evaluation form. Note that there are major changes in the template from the CloudFlow-1 Open Call. Only proposals using the CloudFlow-2 template will be evaluated.

¹ Each proposal has to include an HPC provider. ARCTUR has been the HPC provider from the start of CloudFlow, while UNIZAR-BIFI and CSUC were introduced following the CloudFlow-1 Open Call. If a new HPC provider is proposed in an Experiment the rationale behind and the complementarity to the three HPC centres already part of CloudFlow has to be explained. Please also take into consideration that the duration of experiments in the CloudFlow-2 Open Call only is 9 months. This gives little time to both port the CloudFlow infrastructure to a new HPC platform and run the experiment.