

FP7 Cloud based Simulation platform for Manufacturing and Engineering project

Competitive Open Call for Additional Project Beneficiaries

Call Identifier: CloudSME-1-2014

Project acronym:	CloudSME
Project grant number:	FP7-608886
Project full name:	Cloud based Simulation platform for Manufacturing and Engineering

Project summary. CloudSME is a project currently active in the Seventh Framework programme of the European Community for research, technological development and demonstration activities contributing to the creation of the European research area (2007-2013). See short summary of the project in Annex III of the Open Call. Simulation software can significantly improve the position of SMEs in the engineering and manufacturing sector by reducing costs and delivering more efficient development, production, procurement, logistics and financial processes. However, the take-up of simulation software by SMEs has until now been low due to high entry barriers that include hardware prices, licensing costs and technical expertise. CloudSME is developing a cloud-based, one-stop-shop simulation software platform solution that significantly lowers these barriers, thus enabling much wider take-up of simulation software technologies by engineering and manufacturing SMEs. Simulation software service providers may use the platform in the form of a Platform-as-a-Service (PaaS), enabling them to quickly create customised software applications in the cloud for their clients – engineering/ manufacturing SMEs - who see their customised application running as Software-as-a-Service (SaaS) in the cloud.

Objectives of inviting new beneficiaries:

- to offer new type of simulation software in order to extend available simulation services for engineering and manufacturing SMEs,
- to support further SMEs as new users of the CloudSME platform in order to increase the number of users,
- to increase the number of simulation applications running on the platform and their impact on SMEs,
- to get more feedback on the CloudSME platform from both engineering and manufacturing SMEs and simulation software provider SMEs,
- to increase the overall impact of the CloudSME platform and the project itself.

Number and types of new beneficiaries. To achieve greater impact of the CloudSME one-stop-shop simulation solution, the project requires the participation of up to ten new beneficiaries established as SMEs in an EU Member State or an FP7 Associated State. These new beneficiaries should be either

- an engineering and manufacturing SME needing simulation software to improve efficiency of their activities, and who will use simulation software services supported by CloudSME (See Annex IV of the Open Call), or
- a consortium incorporating at least one simulation software provider SME and one or more engineering/manufacturing SMEs who will use the provider's simulation software.

Tasks of new beneficiaries. There are separate task lists for the new project beneficiaries considering their existing skills and expected contributions.

Simulation software providers as new CloudSME beneficiaries should:

- adapt their simulation software to the CloudSME one-stop-shop service platform and deploy it,
- help SMEs to create simulation software applications on the CloudSME platform using their simulation software.

FP7 Cloud based Simulation platform for Manufacturing and Engineering project

Engineering or manufacturing SMEs as new CloudSME beneficiaries should:

- define requirements of business activities to be supported by simulation on the CloudSME platform
- contribute to the creation of simulation software-based applications supporting their business activities on the CloudSME platform, jointly with the simulation software and technology providers within CloudSME
- use the simulation software application in their business activities and provide feedback on the improvements achieved.

Benefits of joining CloudSME. CloudSME offers a cloud-based one-stop-shop simulation platform, the CloudSME platform for simulation software provider and engineering and manufacturing SMEs. Simulation software providers can adapt their simulation software, deploy and run it on the platform to reach out to a much wider customer base than previously. Engineering and manufacturing SMEs can run simulation applications without investing in either hardware/software or human resources whenever they want to perform simulations. The project consortium will provide customer support to create and run the SME specific simulation applications on the CloudSME platform. The simulation applications will improve business activities of SMEs including efficiency, competitiveness, etc.

Obligations of new beneficiaries. Applicants selected during the evaluation of the Open Call will be invited to join the CloudSME project as new project beneficiaries according to the rules laid out by the European Commission in Seventh Framework projects. The new project beneficiaries should sign a grant agreement with the European Commission to join the CloudSME consortium as project beneficiaries. After signing this agreement they should sign a Consortium Agreement with the CloudSME project. They should act accordingly to the Technical Annex of this agreement which specifies the expected contributions of new beneficiaries, deliverables they should produce and milestones they should achieve.

Application process. Applicants should fill in the Open Call's Proposal Template (See Annex I of the Open Call) and submit it electronically. The electronic version of the application form is available on the CloudSME project website. Details of the application process are below:

Submission deadline: the call closes at 17:00 on 25th June 2014 (Brussels time)

Proposal should be submitted via email to: opencall@cloudsme.eu

Expected duration of participation in project: 1st January 2015 - 31st December 2015

Call budget: 400K Euro is available to distribute between 10 new beneficiary companies (not necessarily evenly)

Language in which proposal should be submitted: English

Web address for further information (full call text/guidelines): www.cloudsme.eu/opencall

Email address for further information: G.Z.Terstyanszky@westminster.ac.uk

Please feel free to contact the CloudSME consortium at any time. The goal of the project consortium is to select the best candidates and hence we will help all applicants as needed to fill in the application form.

FP7 Cloud based Simulation platform for Manufacturing and Engineering project

Annex I: Guide for Applicants

<http://cloudsme.eu/sites/default/files/uploads/documents/cloudsme-guide%20Published.pdf>

Annex II: CloudSME Core Consortium Agreement

Agreement to be signed by the beneficiary and the CloudSME project consortium.

<http://cloudsme.eu/sites/default/files/uploads/documents/cloudsme-short-cons-agreement%20Published.pdf>

Annex III: CloudSME Project information

Short project summary

http://cloudsme.eu/sites/default/files/uploads/documents/CloudSME_Project%20Information%20Published.pdf

Annex IV: CloudSME Simulation Use Cases

Short overview of simulation software packages used in CloudSME. Typical CloudSME use cases

http://cloudsme.eu/sites/default/files/uploads/documents/CloudSME_Use%20Case%20Information%20Published.pdf