Collaborative Open Market to Place Objects at your SErvice

Fact Sheet

Project Information

**COMPOSE**

Grant agreement ID: 317862

Closed project

**Start date**
1 November 2012

**End date**
31 October 2015

**Funded under**
FP7-ICT

**Overall budget**
€ 7 405 981

**EU contribution**
€ 5 356 000

**Coordinated by**
IBM ISRAEL - SCIENCE AND TECHNOLOGY LTD
Israel

Project description

Cloud Computing, Internet of Services and Advanced Software Engineering

The COMPOSE project aims at enabling new services that can seamlessly integrate real and virtual worlds through the convergence of the Internet of Services with the Internet of Things. COMPOSE will achieve this through the provisioning of an open and scalable marketplace infrastructure, in which smart objects are associated to services that can be combined, managed, and integrated in a standardised way to easily and quickly build innovative applications. The COMPOSE project builds upon existing European research projects and ongoing standardisation activities to provide
a comprehensive marketplace framework that will be able to cover the whole service lifecycle by integrating a number of innovative technological enablers in a coherent way. The project will develop novel approaches for virtualising smart objects into services and for managing their interactions. This includes solutions for managing knowledge derivation, for secure and privacy-preserving data aggregation and distribution, and for dynamic service composition advertising and discovering objects' capabilities and service provisioning and monitoring. The COMPOSE project is expected to give birth to a new business ecosystem, building on the convergence of the Internet of Services with the Internet of Things and the Internet of Content. The COMPOSE marketplace will allow SMEs and innovators to introduce new Internet of Things-enabled services and applications to the market in a short time and with limited upfront investment. At the same time, COMPOSE will allow major European players in the information and communication industry, particularly cloud service providers and telecommunications companies, to reposition themselves within new Internet of Things-enabled value chains. The COMPOSE consortium comprises twelve partners, including leading ICT companies, recognised academic and research excellence centres, a standardization body, as well as pioneering SMEs in Internet of Things-based innovative services.

Fields of science

natural sciences › computer and information sciences › internet › internet of things

Programme(s)

FP7-ICT - Specific Programme "Cooperation": Information and communication technologies

Topic(s)

ICT-2011.1.2 - Cloud Computing, Internet of Services and Advanced Software Engineering

Call for proposal

FP7-ICT-2011-8
See other projects for this call

Funding Scheme

CP - Collaborative project (generic)
IBM ISRAEL - SCIENCE AND TECHNOLOGY LTD

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94 Derech Em-hamoshavot
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Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

EU contribution
€ 1 004 507

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FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV

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UNIVERSITAT PASSAU

Germany
EU contribution
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<th>Country</th>
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<th>Activity Type</th>
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<td>Jesús Fernández Olivé (Mr.)</td>
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<td>BARCELONA SUPERCOMPUTING CENTER-CENTRO NACIONAL DE SUPERCOMPUTACION</td>
<td>Spain</td>
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<td>Calle Jordi Girona 31 08034 Barcelona</td>
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U-HOPPER SRL
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EU contribution
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Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

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<td>Antonella Franceschin (Dr.)</td>
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<td><strong>Administrative Contact</strong></td>
<td>Nichola Kirkman (Ms.)</td>
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Last update: 22 April 2017
Record number: 105818

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