Collaborative Open Market to Place Objects at your SErvice

Fact Sheet

<table>
<thead>
<tr>
<th>Project Information</th>
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<tr>
<td><strong>COMPOSE</strong></td>
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<tr>
<td>Grant agreement ID: 317862</td>
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<td><strong>Closed project</strong></td>
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<td><strong>Funded under</strong></td>
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<td>FP7-ICT</td>
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<td><strong>Overall budget</strong></td>
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<td>€ 7 405 981</td>
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<td><strong>EU contribution</strong></td>
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<td>€ 5 356 000</td>
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<td><strong>Start date</strong></td>
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<td>1 November 2012</td>
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<td><strong>End date</strong></td>
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<td>31 October 2015</td>
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<td><strong>Coordinated by</strong></td>
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<td>IBM ISRAEL - SCIENCE AND TECHNOLOGY LTD</td>
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<td>Israel</td>
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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
social sciences › economics and business › business and management › innovation management
engineering and technology › electrical engineering, electronic engineering, information engineering › information engineering › telecommunications

**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**
Coordinator

IBM ISRAEL - SCIENCE AND TECHNOLOGY LTD

Address
94 Derech Em-hamoshavot
49527 Petach Tikva
Israel

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact
Benjamin Mandler (Mr.)

EU contribution
€ 1 004 507

Participants (12)

FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV

Germany

EU contribution
€ 531 045

Address
Hansastrasse 27c
80686 Munchen

Activity type
Research Organisations

Administrative Contact
Tobias Rechmann (Mr.)

Links
**UNIVERSITAT PASSAU**

Germany  
EU contribution  
€ 514 973  

Address  
Innstrasse 41  
94032 Passau  

Activity type  
Higher or Secondary Education Establishments  

Administrative Contact  
Sabine Wiendl (Ms.)  

Links  
Contact the organisation  
Website  

**FUNDACIO PRIVADA BARCELONA DIGITAL CENTRE TECNOLOGIC**  

Spain  
EU contribution  
€ 176 822  

Address  
Carrer Roc Boronat 117, 5 Planta  
08018 Barcelona  

Activity type  
Research Organisations  

Administrative Contact  
Jesús Fernandez (Mr.)  

Links  
Contact the organisation  
Website  

**RETEVISION I SA**  

Spain
Spain

EU contribution

€ 317 537

Address
Calle Juan Esplandiu 11-13
28007 Madrid

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact
Marcos Francisco-Javier (Mr.)

Links
Contact the organisation

European Commission

FUNDACIO EURECAT

Spain

EU contribution

€ 122 297

Address
Avenida Universitat Autonoma 23
08290 Cerdanyola Del Valles (Barcelona)

Activity type
Research Organisations

Administrative Contact
Jesús Fernández Olivé (Mr.)

Links
Contact the organisation  Website

European Commission

BARCELONA SUPERCOMPUTING CENTER-CENTRO NACIONAL DE SUPERCOMPUTACION

Spain

EU contribution

€ 410 920

Address
Calle Jordi Girona 31
08034 Barcelona
GEIE ERCIM
France
€ 509 597
Route Des Lucioles 2004 Sophia Antipolis
06410 Biot

Activity type
Other

Administrative Contact
Philippe Rohou (Mr.)

U-HOPPER SRL
Italy
€ 231 720
Via Merano 10
38027 Male

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact
Iacopo Carreras (Dr.)
INNOVA SRL
Italy
EU contribution
€ 322,500
Address
Via Giacomo Peroni 386
00131 Roma
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative Contact
Francesca Stinelli (Ms.)
Links
Contact the organisation Website

CREATE-NET (CENTER FOR RESEARCH AND TELECOMMUNICATION EXPERIMENTATION FOR NETWORKED COMMUNITIES)
Italy
EU contribution
€ 485,464
Address
Via Alla Cascata 56/d
38123 Trento
Activity type
Research Organisations
Administrative Contact
Antonella Franceschin (Dr.)
Links
Contact the organisation Website
EVRYTHNG LIMITED
United Kingdom
EU contribution
€ 345 283
Address
Swain’s Lane 45
N6 6QL London
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative Contact
Nichola Kirkman (Ms.)
Links
Contact the organisation

THE OPEN UNIVERSITY
United Kingdom
EU contribution
€ 383 335
Address
Walton Hall
MK7 6AA Milton Keynes
Activity type
Higher or Secondary Education Establishments
Administrative Contact
Jane Whild (Mrs.)
Links
Contact the organisation  Website

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