PaaSage: Model Based Cloud Platform Upperware

Fact Sheet

Project Information

<table>
<thead>
<tr>
<th>PaaSage</th>
<th>Funded under</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grant agreement ID: 317715</td>
<td>FP7-ICT</td>
</tr>
</tbody>
</table>

Closed project

Overall budget
€ 9 444 086

EU contribution
€ 7 100 000

Coordinated by
GEIE ERCIM
France

Project description

Cloud Computing, Internet of Services and Advanced Software Engineering

Cloud computing is a popular and over-hyped concept in ICT. The concept of infinitely scalable elastic resources changing without complex systems administration and paying only for resources used is attractive. These benefits are not immediately realisable. Within-organisation benefits are realisable at considerable cost. IaaS (Infrastructure as a Service) public CLOUDs have different interfaces and conditions of use thus for an organisation to 'scale out' requires considerable investment using skilled technical staff. The business need is to allow organisations to 'scale out' from their private CLOUD
to public CLOUDs without a technical chasm between. This cannot easily be achieved. Aligned with the EU strategic direction of an open market for services, SOA (service-oriented architecture) offers a way to virtualise across heterogeneous public CLOUDs and organisational private CLOUDs. It opens a market for European SMEs to provide services to be utilised (and paid for) by business applications and for all organisations to benefit from a catalogue of services that can be used across the environment.

PaaSage will deliver an open and integrated platform, to support both deployment and design of Cloud applications, together with an accompanying methodology that allows model-based development, configuration, optimisation, and deployment of existing and new applications independently of the existing underlying Cloud infrastructures. Specifically it will deliver a Cloud Application Modelling and ExecutionLanguage (CAMEL), an IDE (Integrated development environment), execution-level mappers and interfaces and a metadata database, The Consortium bring together ERCIM for management and STFC as scientific coordinator together with experts in different aspects of CLOUDs ranging from software and services (SINTEF), High Performance Computing (HLRS) and systems development environments (INRIA) to a group of SMEs working on CLOUD systems and end-user organisations with requirements in the CLOUD domain.

**Fields of science**

natural sciences › computer and information sciences › software
natural sciences › computer and information sciences › databases

**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

GEIE ERCIM

Address
Route Des Lucioles 2004 Sophia Antipolis
06410 Biot
France

Activity type
Other

Administrative Contact
Philippe Rohou (Mr.)

Links
Contact the organisation Website

EU contribution
€ 960 039

Participants (22)

CENTRE D'EXCELLENCE EN TECHNOLOGIES DE L INFORMATION ET DE LA COMMUNICATION

Belgium
EU contribution
€ 583 873

Address
Avenue Jean Mermoz 28
6041 Charleroi

Activity type
Research Organisations

Administrative Contact
Philippe Massonet (Mr.)

Links
Contact the organisation Website
BE.WAN SPRL
Belgium
EU contribution
€ 345 033
Address
Avenue Des Dauphins 13
1410 Waterloo
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative Contact
Luc Thiriaux (Mr.)
Links
Contact the organisation

IBSAC - INTELLIGENT BUSINESS SOLUTIONS LTD
Cyprus
EU contribution
€ 57 617
Address
Troizinos 23
3045 Lemesos
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative Contact
George Agathangelou (Mr.)
Links
Contact the organisation

UNIVERSITY OF CYPRUS
Cyprus
EU contribution
€ 271 493

Address
Avenue Panepistimiou 2109 Aglantzi
1678 Nicosia

Activity type
Higher or Secondary Education Establishments

Administrative Contact
George Angelos Papadopoulos (Prof.)

Links
Contact the organisation  
Website

---

LUFTHANSA SYSTEMS AG

Germany

EU contribution
€ 108 808

Address
Am Weiher 24
65451 Kelsterbach

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

Administrative Contact
Tina Fleckenstein (Ms.)

Links
Contact the organisation

---

LUFTHANSA SYSTEMS GMBH & CO KG

Germany

EU contribution
€ 127 010

Address
Am Messeplatz 1
65479 Raunheim

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
GESELLSCHAFT FUR WISSENSCHAFTLICHE DATENVERARBEITUNG MBH
GOTTINGEN
Germany
EU contribution
€ 285 285
Address
Am Fassberg 11
37077 Gottingen
Activity type
Other
Administrative Contact
Ramin Yahyapour (Prof.)
Links
Contact the organisation  Website

AUTOMOTIVE SIMULATION CENTER STUTTGART EV
Germany
EU contribution
€ 104 390
Address
Nobelstrasse 15
70569 Stuttgart
Activity type
Research Organisations
Administrative Contact
Erich Schelkle (Prof.)
Links
Contact the organisation
UNIVERSITAET ULM

Germany
EU contribution
€ 410 112

Address
Helmholtzstrasse 16
89081 Ulm

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Michaela Schuhmacher (Ms.)

Links
Contact the organisation  
Website

UNIVERSITY OF STUTTGART

Germany
EU contribution
€ 218 183

Address
Keplerstrasse 7
70174 Stuttgart

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Stefan Wesner (Dr.)

Links
Contact the organisation  
Website

RUNMYPROCESS SAS

France
EU contribution
€ 0

Address
Address
Rue Chauchat 22
75009 Paris

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

Administrative Contact
Matthieu Hug (Mr.)

Links
Contact the organisation

SYSFERA SAS
France
EU contribution
€ 40,910

Address
Cite Jean Baptiste Clement 13
69700 Givors

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

Administrative Contact
Benjamin Depardon (Dr.)

Links
Contact the organisation

INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET AUTOMATIQUE
France
EU contribution
€ 565,297

Address
Domaine De Voluceau Rocquencourt
78153 Le Chesnay Cedex

Activity type
Research Organisations

Administrative Contact
Jean-Paul Guillois (Mr.)
IDRYMA TECHNOLOGIAS KAI EREVNAS

Greece
EU contribution
€ 432 975

Address
N Plastira Str 100
70013 Irakleio

Activity type
Research Organisations

Administrative Contact
Zinovia Papatheodorou (Mrs.)

STIFTELSEN SINTEF

Norway
EU contribution
€ 561 243

Address
Strindveien 4
7034 Trondheim

Activity type
Research Organisations

Administrative Contact
Geir Horn (Mr.)
UNIVERSITETET I OSLO
Norway
EU contribution
€ 289 094
Address
Problemveien 5-7
0313 Oslo
Activity type
Higher or Secondary Education Establishments
Administrative Contact
Narve Trædal (Mr.)
Links
Contact the organisation  Website

EVRY NORGE AS
Norway
EU contribution
€ 271 611
Address
Snaroyveien 30a
1360 Fornebu
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative Contact
Larsen Frode Finnes (Mr.)
Links
Contact the organisation

AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE
Poland
EU contribution
€ 366 163
Address
Al Adama Mickiewicza 30
30-059 Krakow
Activity type
Higher or Secondary Education Establishments

Administrative Contact
Witold Marton-Domeyko (Mr.)

Links
Contact the organisation  Website

---

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL

United Kingdom

EU contribution
€ 604 622

Address
Polaris House North Star Avenue
SN2 1SZ Swindon

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Administrative Contact
Keith Jeffery (Prof.)

Links
Contact the organisation  Website

---

FLEXIANT LIMITED

United Kingdom

EU contribution
€ 315 908

Address
One Portland Place
W1B 1PN London

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

Administrative Contact
tabassum sharif (Mr.)

Links
INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE RENNES

France
EU contribution
€ 70 958

Address
Avenue Des Buttes De Coesmes 20
35708 Rennes Cedex 7

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Claudie PERDOUX (Mrs.)

Links
Contact the organisation

UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE - LILLE I

France
EU contribution
€ 109 376

Address
Cite Scientifique
59655 Villeneuve D'ascq

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Muriel VERNAY (Ms.)

Links
Contact the organisation
Website

Last update: 25 April 2017
Record number: 105196