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Service Oriented Architectures for All

Fact Sheet

Project Information



SOA4ALL

Grant agreement ID: 215219

[Project website](#) 

Project closed

Start date

1 March 2008

End date

30 April 2011

Funded under

Specific Programme "Cooperation": Information and communication technologies

Total cost

€ 13 386 634,00

EU contribution

€ 9 474 415,00

Coordinated by

ATOS SPAIN SA



Spain

Project description

Service and Software Architectures, Infrastructures and Engineering

Towards a Web of billions of services

Computer science is entering a new generation, a generation that starts by **abstracting from software and hardware components** and sees all resources as services in a **service-oriented architecture (SOA)**. With this in mind, the aim of **SOA4ALL** is to create a '**web of billions of services**' and hence, revolutionise the world of computing.

Billions will benefit:

In this virtual world, **billions of users have access** to services which count for themselves and not for the software or hardware that put them into effect. However, current **SOA solutions** are still being restricted and many fundamental challenges that would guarantee its success are not yet being addressed or resolved. At the time being, SOA is still considered as being companies' in-house solutions.

SOA4ALL will help in changing this by creating a **comprehensive framework** and infrastructure that integrates **four complementary and revolutionary technical advances** into a coherent and domain-independent service delivery platform:

- * **Web principles and technology** as the underlying infrastructure for the integration of services on a global scale.
- * **Web 2.0** as a means of structuring human-machine co-operation in an efficient and cost-effective manner.
- * **Semantic web technology** as a means of abstracting from syntax to semantics, as is required for meaningful service discovery.
- * **Context management** as a way of processing in a machine-understandable way user needs that facilitate the customisation of existing services for the user.

Measuring the impact:

Dynamic services at web scale: SOA4ALL will transform the web into a world where billions of services are exposed and consumed. Scalability is also supported through semantics meaning that growing amounts of work and data are being handled in a graceful manner.

Service usability: Web 2.0 technologies are much easier to use than standard web service platforms. SOA4ALL will contribute in lowering the existing entry barriers to the service world in a way that everybody has access to them not only IT experts.

Open standard service platform: In the same way, SOA4ALL will make sure that the service platform will be truly open and non-proprietary. This means that the services are brought out from behind the enterprise walls into the mainstream where significant key players such as SMEs, large corporations and end-users (citizens) can truly benefit.

Service adaptation to local contexts: SOA4ALL will provide mechanisms that support the adaptation of services to the local context. Henceforward, the services used by customers will be aware of local setting, such as the user's geographic location, personal preferences etc.

SOA4ALL is endorsed by the NESSI constituency as a Strategic Project and will contribute significantly to the NESSI Open Framework, which is one of the main challenges of the European Platform on Software and Services.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > **[software](#)**

[natural sciences](#) > [computer and information sciences](#) > [internet](#) > **[semantic web](#)**



Programme(s)

[FP7-ICT - Specific Programme "Cooperation": Information and communication technologies](#)

Topic(s)

[ICT-2007.1.2 - Service and software architectures, infrastructures and engineering](#)

Call for proposal

FP7-ICT-2007-1

[See other projects for this call](#)

Funding Scheme

[CP - Collaborative project \(generic\)](#)

Coordinator



ATOS SPAIN SA

EU contribution

€ 1 165 593,00

Total cost

No data

Address

CALLE DE ALBARRACIN 25
28037 Madrid
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Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

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

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Participants (23)



SEEKDA GmbH

 Austria
EU contribution
€ 206 051,00

Address
GRABENWEG
6020 INNSBRUCK 

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

Links
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Total cost
No data



UNIVERSITAET INNSBRUCK

 Austria
EU contribution
€ 1 318 256,00

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INNRAIN 52
6020 Innsbruck 

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Westösterreich > Tirol > Innsbruck

Activity type

Higher or Secondary Education Establishments

Links

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Total cost

No data



SEEKDA OG 

 Austria

EU contribution

€ 0,00

Address

Museumstraße
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Activity type

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

Links

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Total cost

No data



HANIVAL INTERNET SERVICES GMBH

 Austria

EU contribution

€ 369 386,00

Address

KIRCHENGASSE 13/1A

1070 WIEN 

Activity type

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

Links

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[HORIZON collaboration network](#) 

Total cost

No data



ONTOTEXT AD

 Bulgaria

EU contribution

€ 230 166,00

Address

TSARIGRADSKO SHOSE 135

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Region

Югозападна и Южна централна България > Югозападен > София (столица)

Activity type

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

Links

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Total cost

No data



SIRMA SOLUTIONS JSC

 Bulgaria

EU contribution

€ 26 320,00

Address

TSARIGRADSKO SHOSSE BLVD 135
1784 SOFIA 

Activity type

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

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Total cost

No data



UNIVERSITAET KARLSRUHE (TECHNISCHE HOCHSCHULE) 

 Germany

EU contribution

€ 0,00

Address

KAISERSTRASSE
76131 KARLSRUHE 

Activity type

Higher or Secondary Education Establishments

Links

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Total cost

No data



SAP SE

 Germany

EU contribution

€ 889 598,00

Address

DIETMAR HOPP ALLEE 16
69190 Walldorf 

Region
Baden-Württemberg > Karlsruhe > Rhein-Neckar-Kreis

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

Links
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Total cost
No data



KARLSRUHER INSTITUT FUER TECHNOLOGIE

 Germany
EU contribution
€ 540 119,00

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**KAISERSTRASSE 12
76131 Karlsruhe** 

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Baden-Württemberg > Karlsruhe > Karlsruhe, Stadtkreis

Activity type
Higher or Secondary Education Establishments

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Total cost
No data



UNIVERSIDAD DE SEVILLA

 Spain
EU contribution

€ 20 000,00

Address

CALLE S. FERNANDO 4
41004 Sevilla 

Region

Sur > Andalucía > Sevilla

Activity type

Higher or Secondary Education Establishments

Links

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Total cost

No data



INTELLIGENT SOFTWARE COMPONENTS S.A.

 Spain

EU contribution

€ 523 123,00

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AVENIDA TORRE BLANCA 57 3C15
08172 SANT CUGAT DEL VALLES 

Activity type

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

Links

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Total cost

No data



INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET AUTOMATIQUE

 France

EU contribution

€ 497 018,00

Address

DOMAINE DE VOLUCEAU ROCQUENCOURT
78153 Le Chesnay Cedex 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



EBM WEBSOURCING SAS

 France

EU contribution

€ 373 625,00

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RUE AMELIE
31000 TOULOUSE 

Activity type

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

Links

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Total cost

No data



IBM IRELAND PRODUCT DISTRIBUTION LIMITED

 Ireland

EU contribution

€ 0,00

Address

SHELBOURNE ROAD BALLSBRIDGE
4 DUBLIN 4 

Activity type

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

Links

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Total cost
No data



CEFRIEL SOCIETA CONSORTILE A RESPONSABILITA LIMITATA SOCIETA
BENEFIT

 Italy
EU contribution

€ 449 294,00

Address
VIALE SARCA 226
20126 Milano 

Region
Nord-Ovest > Lombardia > Milano

Activity type
Research Organisations

- Links
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Total cost
No data



TXT E-SOLUTIONS SPA

 Italy
EU contribution
€ 331 451,00

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VIA MILANO 150
20093 Cologno Monzese 

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Nord-Ovest > Lombardia > Milano

Activity type

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

Links

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Total cost

No data



TIE NEDERLAND BV

 Netherlands

EU contribution

€ 727 970,00

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DE CORRIDOR 5
3621 ZA BREUKELEN 

Region

West-Nederland > Utrecht > Utrecht

Activity type

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

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Total cost

No data



BRITISH TELECOMMUNICATIONS PLC

 United Kingdom

EU contribution

€ 340 491,00

Address

1 BRAHAM STREET

E1 8EE London 

Activity type

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

Links

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[HORIZON collaboration network](#) 

Total cost

No data



THE UNIVERSITY OF MANCHESTER

 United Kingdom

EU contribution

€ 516 454,00

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OXFORD ROAD

M13 9PL Manchester 

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North West (England) > Greater Manchester > Manchester

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

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[HORIZON collaboration network](#) 

Total cost

No data



THE OPEN UNIVERSITY

 United Kingdom

EU contribution

€ 949 500,00

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WALTON HALL

MK7 6AA Milton Keynes 

Region

South East (England) > Berkshire, Buckinghamshire and Oxfordshire > Milton Keynes

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



SEMANTIC TECHNOLOGY INSTITUTE INTERNATIONAL

 Austria

EU contribution

€ 0,00

Address

AMERLINGSTRASSE 19/35

1060 WIEN 

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



UNIVERSITE DE NICE - SOPHIA ANTIPOLIS

 France

EU contribution

€ 0,00

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AVENUE VALROSE - GRAND CHATEAU 28
06100 NICE - CEDEX 2 

Activity type

Higher or Secondary Education Establishments

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Total cost

No data



CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

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EU contribution

€ 0,00

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RUE MICHEL ANGE 3
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Ile-de-France > Ile-de-France > Hauts-de-Seine

Activity type

Research Organisations

Links

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Total cost

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