A FIWARE-based SDK for developing Smart Applications

Fact Sheet

Project Information

SmartSDK
Grant agreement ID: 723174

Funded under
H2020-EU.2.1.1.

Project website

Overall budget
€ 1 940 817,38

EU contribution
€ 396 442,38

Start date
1 September 2016

End date
30 November 2018

Coordinated by
MARTEL GMBH
Switzerland

Objective

SmartSDK aims at creating a sustainable FIWARE ecosystem between Europe and Mexico by leveraging on existing FIWARE outcomes and building reference standards for common challenges.

To fulfil this goal, SmartSDK will analyse successful FIWARE applications deployed in Europe and derive from these applications a set of FIWARE-based reference service architectures and reference data models to support the agile development of smart solutions for sustainability challenges of today world. In this perspective, SmartSDK will adopt existing Open Standards and Open Source solutions leveraging on results of European and Mexican initiatives based on FIWARE. By “standardizing” these efforts in a reference Software Development Kit (SDK) for smart applications, SmartSDK will foster a long-term collaboration between Europe and Mexico on FIWARE building on shared societal and economical challenges in
Europe and Mexico.

The collaboration will promote increased FIWARE adoption in Mexico as ecosystem for developing smart solutions, through the involvement of cities, innovative SMEs and startups. This will insure a wide impact in Mexico and Europe and will support the growth of new FIWARE-based businesses through the direct involvement of a network of around ICT 30 incubators and accelerators with access to more than 1000 ICT Innovative companies and startups and the support of Wayra Mexico (owned by Telefonica), the local branch of the worldwide largest accelerator.

The participation of key FIWARE partners in Europe (TID, CREATE-NET) and Mexico (INFOTEC, ITESM), the support of European startups building on FIWARE technology (HOPU, UBI), and Future Internet researchers from Mexico (CECISE, CENIDET, INAOE) under the experienced guide of R&D consultancy specialist and key promoter of FIWARE internationalization (MARTEL) are a unique asset for ensuring SmartSDK success.

Field of science

/social sciences/other social sciences/social sciences interdisciplinary/sustainable development
/natural sciences/biological sciences/ecology/ecosystems
/engineering and technology/civil engineering/urban engineering/smart city
/natural sciences/computer and information sciences/software/software development
/natural sciences/computer and information sciences/internet/internet of things

Programme(s)

Topic(s)

Call for proposal

H2020-ICT-2016-INT

Funding Scheme

RIA - Research and Innovation action

Coordinator
<table>
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<tr>
<th>Organisation</th>
<th>Address</th>
<th>Activity type</th>
<th>EU contribution</th>
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<tr>
<td>MARTEL GMBH</td>
<td>Uberlandstrasse 111, 8600 Dubendorf, Switzerland</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td>TELEFONICA INVESTIGACION Y DESARROLLO SA</td>
<td>Ronda De La Comunicacion S/n Distrito C Edificio Oeste I, 28050 Madrid</td>
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<td>FONDAZIONE BRUNO KESSLER</td>
<td>Via Santa Croce 77, 38122 Trento</td>
<td>Research Organisations</td>
<td>€ 169,750</td>
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<td>HOP UBIQUITOUS SL</td>
<td>Calle Luis Bunuel 6, 30562 Ceutí</td>
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<td>UBIWHERE LDA</td>
<td>Portugal</td>
<td>€ 63 750</td>
<td>Travessa Senhor Das Barrocas 38 3800 075 Aveiro</td>
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<td>INFOTEC, CENTRO DE INVESTIGACION E INNOVACION EN TECNOLOGIAS DE LA INFORMACION Y COMUNICACION</td>
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<td>Av San Fernando 37 14050 Mexico City</td>
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<td>Carretera Ensenada - Tijuana 3918 22860 Ensenada</td>
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<td>INSTITUTO TECNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY</td>
<td>Mexico</td>
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<td></td>
</tr>
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</table>
Av. Eugenio Garza Sada 2501  
64849 Monterrey Nuevo Leon

Higher or Secondary Education Establishments

Website  
Contact the organisation

INSTITUTO NACIONAL DE ASTROFISICA OPTICA Y ELECTRONICA

Mexico
EU contribution
€ 0

Address
Activity type
Luis Enrique Erro 1 Sta Maria  
Tonantzintla  
72840 San Andres Cholula
Higher or Secondary Education Establishments

Website  
Contact the organisation

TECNOLOGICO NACIONAL DE MEXICO

Mexico
EU contribution
€ 0

Address
Activity type
Arcos De Belen 79 Piso 2  
Colonia Centro  
03330 Ciudad De Mexico
Higher or Secondary Education Establishments

Contact the organisation

FIWARE FOUNDATION EV

Germany
EU contribution
€ 73 304,38

Address
Activity type
Franklinstrasse 13 A  
10587 Berlin
Other

Contact the organisation

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