GrowSmarter

Project ID: 646456
Funded under: H2020-EU.3.3.1.3. - Foster European Smart cities and Communities

GrowSmarter

From 2015-01-01 to 2019-12-31, ongoing project

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 34,846,533.36</td>
<td>SCC-01-2014 - Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects</td>
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<tr>
<td>EU contribution:</td>
<td>Call for proposal:</td>
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<tr>
<td>EUR 24,820,974.38</td>
<td>H2020-SCC-2014</td>
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<tr>
<td>Coordinated in:</td>
<td>Funding scheme:</td>
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<tr>
<td>Sweden</td>
<td>IA - Innovation action</td>
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</tbody>
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Objective

GrowSmarter aims to:
• Improve the quality of life for European citizens by better mobility, housing and the quality of urban infrastructure while improving the citizens economy by lower energy costs and creating as much as 1500 new jobs (on the demonstration level).
• Reduce the environmental impact by lower energy needs by 60 % and increased use of renewable energy thus reducing GHG emissions even more.
• Create sustainable economic development by demonstrating and preparing a wider rollout of smart solutions.

GrowSmarter will demonstrate at 3 lighthouse cities 12 smart, integrated solutions as a way of preparing for a wider market rollout. These solutions are integrated in specially chosen sites making demonstration easy to reach and take part of for the 5 follower cities and other European and international study groups. All the smart solutions are fit into the Lighthouse-cities strategic development plans and the follower cities replication plans.

The solutions solve common urban challenges such as:
• Renewal of existing buildings. GrowSmarter demonstrates the cost efficient renewal of 100,000 square meters of Nearly Zero or low energy districts reducing energy demand by 70-90%.
• Integrated infrastructures for ICT, street lighting, smart grids district heating and smarter waste handling
• Sustainable urban mobility for both passenger and gods integrated in smart grids, biofuels from household waste thus reducing local air quality emissions by 60%.

The integration of Cities, strong group of industrial partners together and quality research organisations guarantee that the solutions will be both validated by independent research organisations and transformed into Smart Business Solutions by industry for the wider rollout to Europe.

GrowSmarter builds on integrated, close to the market solutions, to form business models for their wider deployment by the industrial partners. The project will help Europe GrowSmarter!

Related information
Coordinator

STOCKHOLMS STAD
Fleminggatan 4
104 20 Stockholm
Sweden

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Contact the organisation

Participants

STADT KOLN
RATHAUSPLAZ 1
50667 KOLN
Germany

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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INSTITUT MUNICIPAL D'INFORMATICA DE BARCELONA
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Spain

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Contact the organisation

ICLEI EUROPEAN SECRETARIAT GMBH (ICLEI EUROPASEKRETARIAT GMBH)*
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79098 Freiburg
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Activity type: Other
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KUNGLIGA TEKNISKA HOEGSKOLAN
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100 44 STOCKHOLM
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Activity type: Higher or Secondary Education Establishments
Contact the organisation
UNIVERSIDAD DE NAVARRA
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31080 PAMPLONA
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Activity type: Higher or Secondary Education Establishments
Contact the organisation

EU contribution: EUR 528 125

STADT GRAZ
HAUPTPLATZ 1 RATHAUS
8010 GRAZ
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See on map

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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EU contribution: EUR 85 240

Municipiul Suceava
BULEVARDUL 1 MAI 5 A
720224 SUCEAVA
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Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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EU contribution: EUR 54 065

AUTHORIZED FOR TRANSPORT IN MALTA
XATT L-GHASSARA TA’ L - GHENEB
MRS 1917 MARSA
Malta

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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EU contribution: EUR 99 363,65

CAMARA MUNICIPAL DO PORTO
PRACA DO GENERAL HUMBERTO DELGADO
4049 001 PORTO
Portugal

See on map

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Contact the organisation

EU contribution: EUR 88 816,25

CORK CITY COUNCIL
CITY HALL
T12 Cork
Ireland

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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EU contribution: EUR 99 812,50
EU contribution: EUR 107,260
Ady Endre ut 9-11
2000 SZENTENDRE
Hungary

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

Contact the organisation

EU contribution: EUR 352,843,75

EU contribution: EUR 699,853,71

EU contribution: EUR 0

EU contribution: EUR 632,844,06

EU contribution: EUR 256,375

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**REGIONAL ENVIRONMENTAL CENTER FOR CENTRAL AND EASTERN EUROPE - REC**

Hungary
Ady Endre ut 9-11
2000 SZENTENDRE
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**ENVAC AB**

Fleminggatan 7
SE 11226 STOCKHOLM
Sweden

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

Contact the organisation

**EU contribution:** EUR 352,843,75

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**DALKIA SVERIGE AB**

HALSINGEGATAN 47
11384 STOCKHOLM
Sweden

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

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**EU contribution:** EUR 699,853,71

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**FORTUM POWER AND HEAT AB**

HANGOVAGEN 19
115 77 STOCKHOLM
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**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

**EU contribution:** EUR 0

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**FORTUM SVERIGE AB**

STOCKHOLMS LAN, STOCKHOL KOMMUN
115 77 Stockholm
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**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

**EU contribution:** EUR 632,844,06

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**CARRIER TRANSPORT AB**

TRANSPORTVAGEN 13
12044 ARSTA
Sweden

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

Contact the organisation

**EU contribution:** EUR 256,375
SKANSA SVERIGE AB
Rasundavagen 2
16983 SOLNA
Sweden
EU contribution: EUR 1,666,957.35
See on map
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

TINGCORE AB
DALVAGEN 22
169 79 SOLNA
Sweden
EU contribution: EUR 276,500
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

INSERO AS
CHR M OSTERGAARDS VEJ 4
8700 HORSENS
Denmark
EU contribution: EUR 99,531.24
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

RHEINENERGIE
PARKGURTEL 24
50823 KOLN
Germany
EU contribution: EUR 2,670,500
See on map
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

AMPIDO GMBH
GOTTFRIED-HAGEN-STRASSE 60-62
51105 KOLN
Germany
EU contribution: EUR 122,500
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

STATTAUTO KOELN GESELLSCHAFT FUER CAR SHARING MBH
Maastrichter Strasse 41-43
50672 Koeln
Germany
EU contribution: EUR 644,953.75
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation
AGT GROUP (R&D) GMBH  
HILPERTSTRASSE 20 A  
64295 DARMSTADT  
Germany

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

Contact the organisation

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DEUTSCHE WOHNUNGSGESELLSCHAFT MBH -DEWOG  
MEVISSENSTR. 14  
50668 KOLN  
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**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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ENDESA SA  
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28042 MADRID  
Spain

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Contact the organisation

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RETEVISION I, S.A.  
AVENIDA DEL PARC LOGISTIC 12-20  
08040 BARCELONA  
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ANTEVERTI CONSULTING SL  
Calle Valencia 354  
08009 Barcelona  
Spain

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Contact the organisation

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BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION  
Calle Jordi Girona 31  
08034 BARCELONA  
Spain

**Activity type:** Research Organisations

Contact the organisation
CONSORCI CENTRE D’INNOVACIO DEL TRANSPORT  
CALLE JORDI GIRONA 29  
08034 BARCELONA  
Spain  
EU contribution: EUR 312,500  
Activity type: Research Organisations  
Contact the organisation

GAS NATURAL SDG SA  
PLAZA DEL GAS 1  
08003 BARCELONA  
Spain  
EU contribution: EUR 3,163,577  
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)  
Contact the organisation

FUNDACIO PRIVADA I2CAT, INTERNET I INNOVACIO DIGITAL A CATALUNYA  
CALLE GRAN CAPITA 2-4, EDIFICI NEXUS I  
08034 BARCELONA  
Spain  
EU contribution: EUR 160,000  
Activity type: Research Organisations  
Contact the organisation

FUNDACIO INSTITUT DE RECERCA DE L’ENERGIA DE CATALUNYA  
C/ JARDINS DE LES DONES DE NEGRE 1  
08930 SANT ADRIA DE BESOS  
Spain  
EU contribution: EUR 371,730  
Activity type: Research Organisations  
Contact the organisation

Philips GmbH  
Luebeckertordamm 5  
20099 Hamburg  
Germany  
EU contribution: EUR 0  
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)  
Contact the organisation

SCHNEIDER ELECTRIC INDUSTRIES SAS  
RUE JOSEPH MONIER 35  
92500 RUEIL MALMAISON  
France  
EU contribution: EUR 0  
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)  
Contact the organisation
URBISUP CONSULTING SL
CALLE SANTA EULALIA 2 - PUERTA 1
08328 ALELLA BARCELONA
Spain

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)
**Contact the organisation**

POLIS - PROMOTION OF OPERATIONAL LINKS WITH INTEGRATED SERVICES, ASSOCIATION
rue du Trône 98
1050 BRUXELLES
Belgium

**Activity type:** Other
**Contact the organisation**

IBM SVENSKA AB
Kista Alléväg 60
164 92 STOCKHOLM
Sweden

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)
**Contact the organisation**

ENDESA ENERGIA S.A.
CALLE RIBERA DEL LOIRA 60
28042 MADRID
Spain

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)
**Contact the organisation**

ENDESA DISTRIBUCION ELECTRICA S.L
AVENINA VILANOVA 12
08018 Barcelona
Spain

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)
**Contact the organisation**

SCHNEIDER ELECTRIC ESPANA SA
BAC DE RODA 52 EDIF A
08019 BARCELONA
Spain

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