ENERGY EFFICIENCY FOR EU HISTORIC DISTRICTS SUSTAINABILITY

Fact Sheet

Project Information

EFFESUS

Grant agreement ID: 314678

Project website

Status
Closed project

Start date
1 September 2012

End date
31 August 2016

Funded under
FP7-ENVIRONMENT

Overall budget
€ 6 786 903,26

EU contribution
€ 4 988 422

Coordinated by
FUNDACION TECNALIA RESEARCH & INNOVATION
Spain

Objective

Europe can become the leader in CO2 emission reduction by applying innovative solutions to its built cultural heritage. According to the European Recovery Plan one of the actions that needs to be taken to tackle the current crisis, is investing in energy efficiency. Historic urban buildings consume 4% of all energy and are responsible for 3% of CO2 emissions. Therefore, improving energy efficiency in historic buildings and historic districts is essential.

Nevertheless, most of the current developments in energy efficiency address new construction without dealing with the unique problems of historic structures. A number of technologies and products have been developed, however many of the solutions are not acceptable for historic structures due to the necessity of preserving integrity and authenticity.

Therefore, the main goal of EFFESUS is to develop and demonstrate, through case
studies a methodology for assessing and selecting energy efficiency interventions, based on existing and new technologies that are compatible with heritage values. A Decision Support System will be a primary deliverable. The environment in historic buildings and urban districts is controlled differently from modern cities and accordingly the project will also develop a multi-scale data model for the management of energy. In addition, new non-invasive, reversible yet cost-effective technologies for significantly improving thermal properties will also be developed. Finally, existing regulations and building policies may not fit cultural heritage specificities so the EFFESUS project will also address these non-technical barriers.

These outcomes will be achieved through 10 work packages, performed by an interdisciplinary consortium of 23 partners from 13 countries. Due to the attractiveness of this niche market, 36 % of the project budget is allocated to SME’s, which will work together with large companies, research institutions and end users throughout the duration of the project.

Field of science

/social sciences/economics and business/business and management/commerce
/engineering and technology/environmental engineering/waste management/energy efficiency

Programme(s)

Topic(s)

Call for proposal

FP7-2012-NMP-ENV-ENERGY-ICT-EeB

Funding Scheme

CP-TP - Collaborative Project targeted to a special group (such as SMEs)

Coordinator

FUNDACION TECNALIA RESEARCH & INNOVATION

<table>
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<tr>
<th>Address</th>
<th>Activity type</th>
<th>EU contribution</th>
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<tbody>
<tr>
<td>Parque Cientifico Y Tecnologico De Gipuzkoa Paseo Mikeletegi 2 20009 Donostia/san Sebastian (Gipuzkoa)</td>
<td>Research Organisations</td>
<td>€ 679 488</td>
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</table>
### Participants (26)

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>Website</th>
<th>Administrative Contact</th>
<th>Activity Type</th>
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<tbody>
<tr>
<td><strong>GOUAS FRANCIS</strong></td>
<td>France</td>
<td><a href="#">Website</a></td>
<td>Virginie Gouas (Ms.)</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td><strong>HOGSKOLAN PA GOTLAND</strong></td>
<td>Sweden</td>
<td><a href="#">Website</a></td>
<td>Tor Brostrom (Prof.)</td>
<td>Higher or Secondary Education Establishments</td>
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<td><strong>FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.</strong></td>
<td>Germany</td>
<td><a href="#">Website</a></td>
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</tbody>
</table>
R.E.D. SRL

Italy

EU contribution

€ 289 270

Address

Via Galileo Galilei 7 A 2
35037 Teolo Pd

Activity type

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

Administrative Contact

Walter Krause (Mr.)

Website

Contact the organisation

OLOKLIROMENA PLIROFORIKA SISTIMATAAE

Greece

EU contribution

€ 105 320

Address

Themistokli Sofouli 117 Floor 2
85100 Rhodes Island

Activity type

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

Administrative Contact

Luc Pockelé (Mr.)

Website

Contact the organisation

SNEKKERIET VERDAL AS

Norway

EU contribution

€ 156 520

Address

Industrivegen 2B
7650 Verdal

Activity type

Private for-profit entities
(excluding Higher or Secondary Education Establishments)
**SAMPAS NANOTEKNOLOJI ARAŞTIRMA GELİSTİRME VE PAZARLAMA LIMITED SİRKETİ**

- **Country**: Turkey
- **EU Contribution**: € 68,120

**Address**
- Cubuklu Mah Orhan Veli Kanik Cad Yakut Sok No:3
- Eryilmaz Plz Kat.6b Kavacik Beykoz
- 34810 Istanbul

**Website**
- Contact the organisation

**Administrative Contact**
- **Atle Aune (Mr.)**

**RINA CONSULTING SPA**

- **Country**: Italy
- **EU Contribution**: € 193,900

**Address**
- Via Cecchi 6
- 16129 Genova

**Website**
- Contact the organisation

**Administrative Contact**
- **Gonca Kara Demir (Ms.)**

**CONSORCIO DE LA CIUDAD DE SANTIAGO DE COMPOSTELA**

- **Country**: Spain
- **EU Contribution**: € 86,375,20

**Address**
- Rua Do Vilar 59
- 15705 Santiago De

**Website**
- Contact the organisation

**Administrative Contact**
- **Sara Parodi (Ms.)**
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<th>Organisation</th>
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<td>DELAP &amp; WALLER ECOCO LIMITED</td>
<td>Ireland</td>
<td>€145,991.54</td>
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<td>Active Space Technologies, Actividades Aeroespaciais S.A.</td>
<td>Portugal</td>
<td>€588,69</td>
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<td>RODWELL DENNIS GRAHAM</td>
<td>United Kingdom</td>
<td>€202,238.86</td>
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Netherlands
EU contribution
€ 204 180

Address
Lissenveld 9
4941 VK Raamsdonksveer

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

Website

Administrative Contact
Harold Brocken (Dr.)

SCOTTISH GOVERNMENT
United Kingdom
EU contribution
€ 128 180

Address
St Andrews House, Regent Road
EH1 3DG Edinburgh

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

Website

Administrative Contact
Mary Fitzgerald (Ms.)

A. PROCTOR GROUP LIMITED
United Kingdom
EU contribution
€ 120 570

Address
Ashgrove Road The Haugh
PH10 7ER Blairgowrie

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

Website

Administrative Contact
Paul Roy (Mr.)

HOR-BER BERUHAZASI TANACSADO ES TERVEZO MERNOKIRODA KFT
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<td>Hungary</td>
<td>€ 121 200</td>
<td>Bartok Bela Street 66 1114 Budapest</td>
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<tr>
<td>SAS GOUAS</td>
<td>€ 180 832</td>
<td>Place Pierre De Brosse 11 37130 Langeais</td>
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<td>PROIGMENES EREVNITIKES &amp; DIAHIRISTIKES EFARMOGES</td>
<td>€ 143 520</td>
<td>Dim. Glinou 7 14122 Irakleio</td>
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<td>Maria Sachini (Mrs.)</td>
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### Portugal

**EU contribution**

€ 58 403,31

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<tbody>
<tr>
<td>Rua Pedro Nunes - Instituto Pedro Nunes 3030 199 Coimbra</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
</tbody>
</table>

**Website**

[Contact the organisation](#)

**Administrative Contact**

Bruno Carvalho (Mr.)

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### HISTORIC ENVIRONMENT SCOTLAND

**United Kingdom**

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<tr>
<th>Address</th>
<th>Activity type</th>
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<td>Longmore House, Salisbury Place EH9 1SH Edinburgh</td>
<td>Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)</td>
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</table>

**Website**

[Contact the organisation](#)

**Administrative Contact**

Mary Fitzgerald (Ms.)

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**Last update:** 7 December 2017  
**Record number:** 105775

**Permalink:** [https://cordis.europa.eu/project/id/314678/](https://cordis.europa.eu/project/id/314678/)

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