**ADDRESS**

**Project ID:** 207643  
**Funded under:** FP7-ENERGY

### Active Distribution networks with full integration of Demand and distributed energy RESourceS

**From** 2008-06-01 to 2013-05-31, closed project

#### Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 16 541 647</td>
<td>ENERGY-2007-7.1-01 - Develop and validate innovative control strategies and network architectures for active networks with large-scale penetration of renewables sources and distributed generation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EU contribution:</th>
<th>Funding scheme:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 8 999 997</td>
<td>CP-IP - Large-scale integrating project</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coordinated in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
</tr>
</tbody>
</table>

#### Objective

ADDRESS will research, develop and deploy technologies and processes to increase usage of Distributed Generation and Renewable Energy Resources thereby engaging in a new relationship between customers, generators and network operators. ADDRESS aims to develop new innovative architectures for Active Distribution Networks (ADN) able to balance in real time power generation and demand allowing network operators, consumers, retailers and stakeholders to benefit from the increased flexibility of the entire system. Innovative use of communications, automation and household technologies will be combined with new trading mechanisms and algorithms providing ADN with low cost and reliable solutions. Customers will be encouraged into active participation enabling them to change their consumption habits, adopting a smarter use of energy and saving money. A cost/benefit analysis of different solutions will be developed: the most promising will be tested in three sites with different geographic, demographic and generation characteristics. The consortium has a distinguished membership of Large, Medium and Small Enterprises with international experience. East and West European Utilities, Global Manufacturers (both power and appliances), Universities, Consultants, Communications Suppliers and R&D Specialists have been selected for their specific knowledge and experience providing a well balanced mix of technology, innovation and market orientation. Competencies cover the whole spectrum of the electricity supply chain making this consortium extremely well suited to achieve the project goals and to deliver flexible, reliable, environmentally friendly and economic solutions. FP7 has provided the opportunity for this collaboration to take place completely meeting the Work Programme aims and enabling European Utilities and stakeholders to be on the cutting edge in worldwide network management.

#### Related information

<table>
<thead>
<tr>
<th>Report Summaries</th>
<th>Final Report Summary - ADDRESS (Active Distribution networks with full integration of Demand and distributed energy RESourceS)</th>
</tr>
</thead>
</table>

Page 1 of 9
Coordinator

E-DISTRIBUTUZIONE SPA
VIA OMBRONE 2
00198 ROMA
Italy
EU contribution: EUR 1 328 353,31

See on map

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

Administrative contact: Paola Petroni
Tel.: +0683058087
Fax: +0683059311
Contact the organisation

Participants

ELECTRICITE DE FRANCE
AVENUE DE WAGRAM 22
75008 PARIS 08
France
EU contribution: EUR 823 342,83

See on map

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

Administrative contact: Régine Belhomme
Tel.: +33 1 47 65 38 60
Fax: +33 1 47 65 32 18
Contact the organisation

I-DE REDES ELECTRICAS INTELIGENTESSA
AVENIDA SAN ADRIAN 48
48003 BILBAO
Spain
EU contribution: EUR 775 763,54

See on map

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

Administrative contact: Roberto Gonzalez Sainz Maza
Tel.: +34917842984
Fax: +34944663194
Contact the organisation
ABB SCHWEIZ AG
BROWN BOVERI STRASSE 6
5400 BADEN
Switzerland
EU contribution: EUR 476 099,84

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Administrative contact: Andrew Paice
Tel.: +41 58 586 81 07
Fax: +41 58 587 73 65
Contact the organisation

UNIVERSIDAD PONTIFICIA COMILLAS
CALLE ALBERTO AGUILERA 23
28015 MADRID
Spain
EU contribution: EUR 332 404,23

Activity type: Higher or Secondary Education Establishments
Administrative contact: María Jesús Martín-Escorial
Tel.: +34 91 540 61 55
Fax: +34 91 541 58 12
Contact the organisation

THE UNIVERSITY OF MANCHESTER
OXFORD ROAD
M13 9PL MANCHESTER
United Kingdom
EU contribution: EUR 403 930,50

Activity type: Higher or Secondary Education Establishments
Administrative contact: Liz Fay
Tel.: +44 161 275 7114
Fax: +44 161 275 2445
Contact the organisation

TEKNOLOGIAN TUTKIMUSKESKUS VTT
TEKNIIKANTIE 4 A
02044 VTT ESPOO
Finland
EU contribution: EUR 696 791,85

Activity type: Research Organisations
Administrative contact: Seppo Hänninen
Tel.: +358 20 722 6759
Fax: +358 20 722 7026
Contact the organisation
VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.  
BOERETANG 200  
2400 MOL  
Belgium  
See on map

**Activity type:** Research Organisations  
**Administrative contact:** Guy Vekemans  
Tel.: +32 14 335840  
Fax: +32 14 321185  
Contact the organisation

ERICSSON ESPANA SA  
CALLE RETAMA 1  
28045 MADRID  
Spain  
See on map

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)  
**Administrative contact:** Juan Carlos Garcia Tomas  
Tel.: +34913393416  
Fax: +34913392200  
Contact the organisation

ALCATEL-LUCENT ITALIA S.P.A.  
PIAZZALE BIANCAMANO 8  
20124 MILANO  
Italy  
See on map

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)  
**Administrative contact:** Antonio Cimmino  
Tel.: +393351410280  
Fax: +39686683  
Contact the organisation

KEMA NEDERLAND BV  
UTRECHTSEWEG 310  
6812 AR ARNHEM  
Netherlands  
See on map

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)  
**Administrative contact:** Peter Vaessen  
Tel.: +31 26 356 3584  
Fax: +31 26 356 3584  
Contact the organisation
VATTENFALL RESEARCH AND DEVELOPMENT AB  
814 26 ALVKARLEBY  
Sweden  
EU contribution: EUR 203,666,28

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

Administrative contact: Mats Andersson  
Tel.: +46 26 83506  
Fax: +46 26 83640

Contact the organisation

UK POWER NETWORKS (OPERATIONS) LTD  
NEWINGTON HOUSE, SOUTHWARK BRIDGE ROAD 237  
SE1 6NP LONDON  
United Kingdom  
EU contribution: EUR 9,102,48

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

Administrative contact: Peter Lang  
Tel.: +44 1293 509408  
Fax: +44 1293 577734

Contact the organisation

ENEL PRODUZIONE SPA  
VIALE REGINA MARGHERITA 125  
00198 ROMA  
Italy

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

Administrative contact: Maurizio Gentili  
Tel.: +390506185822  
Fax: +39050533290

Contact the organisation

LANDIS+GYR SAS  
Avenue du Président Auriol 30  
03100 MONTLUCON  
France  
EU contribution: EUR 340,304,75

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

Administrative contact: Michel Michou  
Tel.: +33 4 70 08 17 59  
Fax: +33 4 70 08 17 45

Contact the organisation
FUNDACION TECNALIA RESEARCH & INNOVATION
PARQUE CIENTIFICO Y TECNOLOGICO DE BIZKAIA, ASTONDO BIDEA, EDIFICIO 700
48160 DERIO BIZKAIA
Spain
See on map

**Activity type:** Research Organisations

**Administrative contact:** Iñaki Laresgoiti
Tel.: +34 946073407
Fax: +34 946073349

Contact the organisation

OPEN ENERGI LIMITED
239 OLD MARYLEBONE ROAD
NW1 5QT LONDON
United Kingdom
See on map

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

**Administrative contact:** David Hirst
Tel.: +44 870 974 4832
Fax: +44 870 974 4840

Contact the organisation

ELECTROLUX HOME PRODUCTS CORPORATION NV
Belgicastraat
1930 ZAVENTEM
Belgium

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

**Administrative contact:** Alessandro Corrente
Tel.: +32 499 679048
Fax: +32 2 716 2781

Contact the organisation

UNIVERSITA DEGLI STUDI DI CASSINO E DEL LAZIO MERIDIONALE
VIALE DELL UNIVERSITA - CAMPUS FOLCARA
03043 CASSINO
Italy
See on map

**Activity type:** Higher or Secondary Education Establishments

**Administrative contact:** Carla Manzo
Tel.: +3907762993248
Fax: +39 0776 2993886

Contact the organisation
UNIVERSITA DEGLI STUDI DI SIENA
VIA BANCHI DI SOTTO 55
53100 SIENA
Italy

**EU contribution:** EUR 300 407,76

**Activity type:** Higher or Secondary Education Establishments

**Administrative contact:** Silvano Focardi
Tel.: +39 0577 232206
Fax: +39 0577 232202

Contact the organisation

ZIV P MAS C SL
Parque Tecnologico 210
48170 Zamudio
Spain

**EU contribution:** EUR 390 287,98

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

**Administrative contact:** Rafael Quintanilla
Tel.: +944037452
Fax: +944037443

Contact the organisation

CURRENT TECHNOLOGIES INTERNATIONAL GMBH
HINTERMAETTLISTRASSE 1
5506 MAEGENWIL
Switzerland

**EU contribution:** EUR 75 120,13

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

**Administrative contact:** Weilin Liu
Tel.: +41 62 544 1905
Fax: +41 62 544 1909

Contact the organisation

ENEL DISTRIBUTIE DOBROGEA SA
Nicolae Iorga 89A
900587 CONSTANTA
Romania

**EU contribution:** EUR 1 995,29

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

**Administrative contact:** Mihai Stirbulescu
Tel.: +40241805140
Fax: +40241616340

Contact the organisation
PHILIPS ELECTRONICS NEDERLAND B.V.  
BOSCHDIJK 525  
5621 JG EINDHOVEN  
Netherlands

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

Administrative contact: Patrick Keur
Tel.: +31 40 2740361
Fax: +31 40 2745829
Contact the organisation

CONSENTEC GMBH  
GRUNER WEG 1  
52070 AACHEN  
Germany

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

Administrative contact: Wolfgang Fritz
Tel.: +492419383610
Fax: +492419383615
Contact the organisation

ELECTROLUX ITALIA SPA  
CORSO LINO ZANUSSI 24  
33080 PORCIA  
Italy

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

Administrative contact: Tiziano Maraldo
Tel.: +39 0434 396040
Fax: +39 0434 395063
Contact the organisation

ENEL INGEGNERIA E RICERCA SPA  
VIA MANTOVA 24  
00198 Rome  
Italy

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

Administrative contact: Maurizio Gentili
Tel.: +39 050 6185822
Fax: +39 050 533290
Contact the organisation