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## Welcome to IREEN!

Welcome to the first IREEN newsletter. We will be publishing more during the project to keep you up to date about the activity, outcomes and events related to the IREEN project. IREEN is a "Coordination Action" project supported by the European Commission.

The aim of such project is to promote and support the networking and coordination of research innovation activities at a European level, delivering a comprehensive strategy for European-scale innovation and take-up in the field of technology for energy efficiency.

The project will also deal with energy performance in large areas like neighbourhoods and extended urban/rural communities, examining ways in which energy-positive buildings - and by extension districts and neighbourhoods - can be developed (energy positive is the capacity to generate more power than needed by consuming low energy or consuming low energy over the "life-cycle" e.g. by green construction or for the transport of their users and occupants).

As well as identifying multi-disciplinary stakeholders and partnerships, looking at drivers and gaps, operational support and future policies, the project will develop an innovation roadmap which will link and prioritise actions through the innovation life-cycle:

- RTD (Research & Technological Development);
- experimentation and validation;
- transfer to market and deployment;
- standardisation.

To achieve this, the project will draw on expertise from:

- the energy sector (both providers and distributors);
- the technology industry including appliance manufacturers, infrastructure and software technologists;
- the construction sector;
- the stakeholders from the demand side including local and regional authorities.

IREEN will also connect to smart cities partnerships across Europe and is funded under the [EC's 7th Framework Programme](#) as a Coordination and Support Action. The project started on 1st September 2011 for a duration of 24 months (until August 31st 2013).

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## Project objectives

It is intended that IREEN will be a key contributor to the EU world-leadership in ICT enabled energy efficiency through intelligent solutions. It supports the achievement of Europe's "20/20/20" climate and energy targets, by widening take up of ICT based energy systems and services for the future energy neutral and energy positive buildings.

The four key objectives of the project are to:

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### Events

#### [IREEN Advisory Experts Group Workshop \(Madrid, Spain\)](#)

30 March 2012

- ☒ ICT
- ☒ ENERGY
- ☒ CONSTRUCTION
- ☒ TERRITORIES

#### [2nd E2C - European Energy Conference \(Maastricht, Netherlands\)](#)

17-20 April 2012

- ☒ ICT
- ☒ ENERGY

#### [Smart Grids and Green IT Systems-1st International Conference \(Porto, Portugal\)](#)

19-20 April 2012

- ☒ ICT
- ☒ ENERGY

#### [Green Energy for Towns and Cities \(Reykjavik, Iceland\)](#)

April, May 2012

- ☒ ENERGY
- ☒ TERRITORIES

#### [Sustainable City 2012 : 7th International Conference on Urban Regeneration and Sustainability \(Ancona, Italy\)](#)

7-9 May 2012

- ☒ ICT
- ☒ ENERGY
- ☒ TERRITORIES

#### [ICSE 2012 - International Workshop on Software Engineering Challenges for the Smart Grid \(Zurich, Switzerland\)](#)

1. build a Knowledge community adding value to existing ones (REEB, ICT4E2B Forum, dedicated ETPs, Eurocities, Energy Cities, etc.) for ICT-enabled energy-positive extensive areas;
2. make up an Experts group to help identifying and updating barriers and challenges towards ICT solutions for energy efficient extensive areas, including standards and regulations;
3. review and analyse Strategic innovation agendas as developed in previous or ongoing EC coordination actions (REEB, Smart Grids, REVISITE, etc.) and relevant EU initiatives such as the SET Plan Industrial and "Smart Cities" initiatives;
4. develop an Innovation roadmap, supporting the future establishment of European-scale actions from RTD to experimentations, up to actual procurement and public private partnerships establishments for further business-oriented technology deployment.

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## Stakeholders & Experts

The IREEN work programme will be developed within the overall context of the industrial and socio-economic trends and challenges faced by Europe.

Stakeholders are brought together under the IREEN umbrella to implement the project through:

1. The project will host collaborative workshops on the continuous elaboration and assessment of the innovation strategy and roadmap with experts and stakeholders representing the entire value-chain : the energy sector, ESCOs, the technology industry, the construction sector, stakeholders from the demand side including local and regional authorities and NGOs. These will be engaging European and other international experts and stakeholders in both real and virtual hearings.
2. An Advisory Experts Group drawn from a wide variety of disciplines working across Europe will provide additional expertise. This group will work with the project consortium to validate the outcomes as well as acting as a catalyst for implementation.
3. Supporting the Smart Cities European Innovation Partnership (<http://setis.ec.europa.eu/about-setis/technology-roadmap/european-initiative-on-smart-cities>).
4. The production and dissemination of results describing state of the art solutions and best practices, both supply side and demand-side visions and scenarios, along with step-by-step user-driven and business-oriented implementation plans.
5. The assessment and validation of project results by stakeholder communities, prioritisation of research, experimentations and pilot projects, take-up and deployment in the market and standardisation activities.

If you think you may be interested in participating in the project as an expert then please contact the project coordinator Martine Tommis ([m.tommis@manchesterdda.com](mailto:m.tommis@manchesterdda.com)).

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## Advisory Experts Group first meeting

IREEN will hold the first Advisory Experts Group meeting on March 2012 in Madrid. Experts from across a number of relevant disciplines such as energy, technology and construction will come together for a day workshop.

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## Consortium

The IREEN consortium partners are drawn from partners that are at the heart of the European dynamics and research, local authorities, the building and construction sector, as well as ICT and energy efficiency:



2-9 June 2012



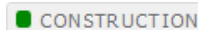
[Innovative City Convention 2012](#) (Nice, France)

6-7 June 2012



[ENHR Conference 2012](#) (Lillehammer, Norway)

24-27 June 2012



[ICAIE 2012 - International Conference on Applied Energy](#) (Suzhou, China)

5-8 July 2012



[ECPPM 2012](#) (Reykjavik, Iceland)

25-27 July 2012



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**IREEN on LinkedIn**

To add your voice to the conversation please follow the link below to join the IREEN discussion group :  
<http://www.linkedin.com/groups?home=&qid=4244964>



**Publications**

WP4 Communication, Dissemination and Awareness Raising:  
[IREEN D4.4.1 Portal & Intranet](#)

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## IREEN Website

For further details and outcomes, please visit our website: [www.ireenproject.eu](http://www.ireenproject.eu)

Scanning the following QR code offers a direct access to the website via your smartphone:



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