

GROUP Connect-EU Energy

Sector

Energy

Contact details of the group

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Areas of action

The Group conducts research into:

- _ wind energy (offshore and grid integration)
- _ solar energy (conversion components and renewable energy micro-networks)
- _ smart grids (active substations, microgrids, quality of power supplies, PLC communications, Wi-Fi and ZigBee)
- _ bioenergy
- _ the development of viable technologies for the use of renewable resources for building heating systems
- _ intelligent mobility
- _ electric vehicles (charging stations, pay systems, integration of renewable energies, and battery and storage management systems).

Goals

- 1_ To define Catalan interests in the energy sector and promote them in Europe.
- 2_ To increase the presence of Catalan organisations in European research projects.
- 3_ To increase the presence of researchers and groups of experts as evaluators of European projects.
- 4_ To ensure Catalonia's energy research priorities have an influence on the EU's research agendas.
- 5_ To inform Catalan businesses about the opportunities for taking part in European research projects.

Strategy

The Group's work plan will be based on influence and dissemination. Its influence will be reflected in its involvement in drawing up work plans for the FP8 (2011), its review of the weak and strong points of each programme/call, its participation in technological platforms as a representative of the interests of Catalonia, and its assessment of the results of participation and proposals for improvement.

Its dissemination tasks will include providing information about the FP7 and other European instruments; managing actions for informing, guiding, motivating and training the various sub-work groups; taking an active involvement in the Infodays run by ACC1Ó; and publishing information about the Group's activities on the IREC website.

Members of the group

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- _ OFF-BOARD ELECTRIC VEHICLES SUB-GROUP • Alfonso Collado • acollado@gemgroup.es

collaborating organisations/businesses

Gas Natural Fenosa • TFM Energia
Solar Fotovoltaica • Trama Tecnológica ambiental (TTA) • ICAEN •
Railgroup • Copcisa Industrial •
Schneider Electric • Endesa •
Siemens • Bosch • Gas Natural •
Fenosa • Enertika

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