

GENERAL DATA

Name of the Agency Cork County Energy Agency
(CCEA)

Address Spa House
Mallow

City and ZIP code Co Cork

Country Ireland

Tel. 022 43610
+ 353 22 43610

Fax 022 13678
00 353 22 43678

Web Site

Main Contact Alex Grassick

Other Contacts Bill Griffin
Colette Creedon
Bill Griffin

Contact for SEANCE Project Alex Grassick

Corporate Nature Local Authority Section

Creation Date 1995

Nr of staff 4

The Agency is member of the
following Networks AIEA, ISLE-NET



E-mail alex.grassick@corkcoco.ie

E-mail bill.griffin@corkcoco.ie

E-mail mallowre@eircom.net

mallowre@eircom.net

E-mail alex.grassick@corkcoco.ie

KEYWORDS

- Rational use of Energy
- Renewable Energy
- Local Authorities
- Promotion

AIMS , OBJECTIVES & ACTIVITIES

To provide free impartial advice to the public on energy efficiency and renewable energy and to participate in local, national and European projects

Activities

- Responding to requests for information from the public
- Manning 2 libraries on energy efficiency and renewable energy open to the public
- Participating in local, national and European projects,
- Carrying out school visits
- Participating in exhibitions and distributing leaflets.

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	Involvement	Training & Education	Information & Communication	Audit Study	Financial Support
Integrated approach - Energy Planning					
Sustainable buildings	2	2	3	2	1
Energy / Environmental Plan for local authorities	2	2	3	2	1
Environmental Manag. for SME's - EMAS / ISO	2	2	3	2	1
Sustainable Communities	2	2	3	2	1
Sustainable Transports	2	2	3	2	1
Support to Local Administrations and Authorities for Local Regulations	2	2	3	2	1
Agenda 21	2	2	3	2	1
Rational Use of Energy					
Energy Labelling/Certification of buildings	2	2	3	2	1
Buildings Energy Audits	2	2	3	2	1
Residential Buildings	2	2	3	2	1
Tertiary Buildings	2	2	3	2	1
Industrial Buildings	2	2	3	2	1
Heating & Cooling	2	2	3	2	1
Lighting	2	2	3	2	1
Electric Energy	2	2	3	2	1
Demand Side Management	2	2	3	2	1
Renewable Energies					
RES Regional / Local Plan	3	2	2	2	1
Biomass	3	2	2	2	1
Solar Thermal	3	2	2	2	1
Solar Photovoltaic	3	2	2	2	1
Wind	3	2	2	2	1
Geothermal	3	2	2	2	1
Mini-Hydro	3	2	2	2	1
CHP-Cogeneration	3	2	2	2	1
Rational Use of Energy	2	2	2	2	1
Energy Saving	2	2	2	2	1

Legend : **Error! Bookmark not defined.** 1: no experience / **2Error! Bookmark not defined.**:adequate experience / **Error! Bookmark not defined.** 3: thorough experience

CASE STUDIES

Case Study N. 1

Title

Energy Conservation in municipal and public buildings and in public lighting

Description

This project was co-funded through the Ecos-Ouverture programme of DGXVI of the European Commission. The main objective of the project was the upgrading of the lighting and heating systems in a Public Building and the installation of a Building Energy Management System.

The building chosen was the Offices of the Northern Division of Cork County Council. This was an old building with a single pipe heating system and very old fluorescent lighting through the building.

All of the lighting in the building was replaced with high efficiency fittings reducing the lighting energy use by approx. 50%

In terms of heating the building was broken into 19 zones and 51 Electronics TRV's were installed and wired back to individual zone controllers which in turn were connected to the main control station in the boiler house, which was a computerised system, that could be viewed from anywhere in the world through the use of dedicated software. In addition to this 11 new radiators were fitted to areas which were previously under-heated. Also the heating system was divided into 4 circuits. Previously the building has been heated by an old inefficient Oil fired boiler, for the new system this was replaced by 2 condensing wall mounted Gas boilers with very high efficiencies. With this new system the energy cost in the building was reduced by approximately 33%, with increased comfort levels and a much improved working environment as one of the main successes of the project.

Web Site

Is the Case Study available in ManagEnergy DB ? Yes No

Case Study N.2

Title

Analysis of Wind Potential and Spatial Planning Requirements for Wind Energy Development in County Cork

Description

The objective of this study, which was undertaken in conjunction with the Planning Department, was to conduct the necessary research to allow the development of an integrated and sustainable approach to the deployment of wind power development. This study was completed during 2001 and has been made available to the public through the council's web page and from the energy office.

The project produced Maps of Cork County, which classified the county in terms of wind speed, landscape character assessment, landscape Values and Sensitivity assessment and a map on useable areas classified from most useable to least useable . This enabled potential developers to look at the map and find if their intended wind farm site was located in a suitable area.

The findings of this report were included in the development plan for Cork County. The partners in the project were from Ireland, Spain and Germany.

Web Site

Is the Case Study available in ManagEnergy DB ? Yes No