

GENERAL DATA

Name of the Agency:

Mayo Energy Agency
(MEA)

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City and ZIP code:

Mayo

Country:

Ireland

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Web Site:

www.mayoenergy.ie

Corporate Nature:

Limited Company

Creation Date: 1998**Nr of staff:** 1**The Agency is a member of the following Networks:**

AIEA

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KEYWORDS

- Rational use of Energy
- Renewable Energy
- Local Authorities

AIMS/OBJECTIVES & ACTIVITIES

Mission Statement:

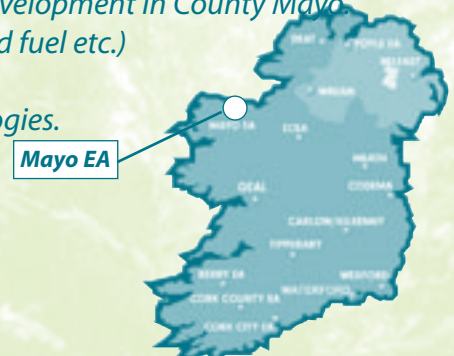
"Promote energy conservation, energy efficiency and renewable energy within the region. To provide professional energy services and to facilitate sustainable development through cleaner greener energy use"

General Objectives:

- Undertake programs of specific actions and plans for County Mayo
- Adopt a course of education and encouragement to enable the greater use of Renewable Energy Resources in the County.
- Address energy economy issues with an integrated approach to all development in County Mayo.
- To promote the efficient and rational use of energy (electricity, oil, solid fuel etc.)
- To promote an energy awareness to the general public.
- To promote and facilitate renewable and sustainable energy technologies.

Activities:

- Energy Management Services - Local Authority
- Energy Management Services - Commercial bodies
- Renewable energy feasibility studies
- Public Information dissemination



CASE STUDIES**CASE STUDY N.1****Title:**

**ENERGY AUDIT OF COUNTY HALL,
BALLINA, CO MAYO**

Description:

An audit of County Hall was conducted by Mayo Energy Agency. The report produced included the following:

- A building energy performance index MJ/M²/A. All energy types were combined using common units (MJ) and divided by the building conditioned floor area. This was used as a comparison against a benchmark equivalent building to indicate whether the building was energy efficient from a scale value.
- A building energy cost index in €/M²/A
- Total building energy profiles by month for a period of 24 months.
- Summary of summer and winter peak demands. This was provided for all energy types.
- A list of recommendations that would reduce energy consumption within the building.
- An estimate of energy saving potential as a result of carrying out recommendations in the Audit.
- A report on the operating condition of all Heating, Ventilating and Air conditioning equipment and recommendations that are required in order to reduce energy consumption.

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CASE STUDY N.2**Title:**

RENEWABLE ENERGY IN MARITIME AND ISLAND CLIMATE

Description:

Mayo Energy Agency has recently completed the above work as a partner to an EU funded ALTENER project. The other partners are Western Isles Council, Scotland, Gotland Energy Agency, Sweden, Kelafonia and Ithaka Development Co and the national Technical University of Athens, Greece.

The scope of this project was to establish local plans for four European islands aiming at 100% RES supply. The selected islands are located in Sweden, Greece and Ireland and represent:

- Different size, economic activities, consumption patterns and climatic conditions.
- Availability of different renewable energy sources
- Differences in the structures of their energy system and the degree of liberalisation.

The Irish islands considered are Achill island and Tory Island.

A pilot case study was carried out in each island in order to identify all technical and non-technical issues related to the large scale deployment of RES and specify actions and policy measures needed to effectively overcome the identified barriers. The local plan established for each island will form the basis of the "programme" to be submitted to the EU Commission for joining the Renewable Energy Partnership developed in the framework of the Campaign for Take-Off of the EU Commission.

Web Site:

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Supported by the European Union's SAVE program Project SEANCE:

Strengthening of Energy Agencies Networks in Countries of Europe Together with five other project partners the goal is to further strengthen the position of energy agencies and to contribute to a sustainable energy development across Europe.

