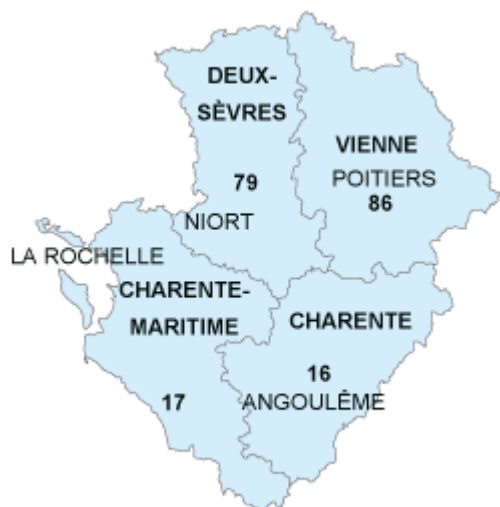


Regional observatory for Energy and GHG (OREGES)



Key Achievements

- Full report on energy consumption and production with evolution from 1990 to 2007
- Publication of several studies regarding the thermal renovation of buildings
- launch of the website in 2010

Context and rationale

The missions of the Regional observatory for energy and GHG (OREGES) are:

- To monitor final energy consumption in the Poitou-Charente region
- To monitor local energy production and consumption, including the use of renewable sources
- To monitor energetic and non-energetic GHG emissions
- To carry out studies on specific sectorial energy issues in the region
- To assess actions of the regional plan called "Initiatives climat Poitou-Charente", which implies to define and monitor relevant indicators
- To inform all actors through publication of documents and the organisation of consultation events and regular meetings of the steering committee and the strategic and financial committees.

Description

The observatory monitors:

- Primary and final energy consumption

- Energy production (from both renewable and non-renewable sources),
- Energetic GHG emissions in the following sectors: buildings, transport, industry and agriculture, forestry and land use change.
- Note: Air quality and climate change monitoring are not in the scope of the observatory's missions.
- Data is a blend of real data, results of surveys and modelled data. The method used is from CITEPA, a national-level inter-professional network collecting information about policies and technology on atmospheric pollution in France.
- Data comes from actors and enquiries.

Main results

The observatory produced a full report on energy consumption and production with evolution from 1990 to 2007, GHG inventories for 1990, 2003 and 2005. Since 2007 a quarterly regional and council-level (departmental) report on renewable energy (RE) is published, showing the number of photovoltaic units connected to the grid. A 2009 study listed energy efficiency (EE) and RE potentials in the region by sector by 2020. In addition, several studies have been published regarding thermal renovation of buildings. The observatory has also assessed the amount of GHG emissions avoided by the actions of 9 of the Territorial climate and energy plans (PCET) made by local authorities in the region.

In 2010, a website has been launched. The number of visits is one of the indicators used to assess the observatory's activity.

Lessons learned & success factors

Some success factors are the independence of AREC, a strong support from the main partners and an efficient cooperation with the structure in charge of air quality monitoring.

Implementation

Implementing structure and partners – governance

The structure implementing the observatory is the Regional agency for environment and climate assessment (AREC). Among the partners are: the French Energy & Environment Management Agency (ADEME), the Poitou-Charente Regional Council, regional State services (DREAL), , EDF, RTE, gdf-suez erdf, grdf, SDCC, and the 4 county councils.

The strategic and financial committee sets the orientations of the observatory and validates its publications. Temporary working groups are created to address specific issues, like building renovation and mobility.

Financing and Costs

Annual budget: (there is no budget as the observatory has no juridical structure – budget is then included in the AREC budget.not communicated)

Studies are sub-contracted.

Human resources: 1.5 FTE (now, 2).

Time frame

Since 2007

Contact & links

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Observatory Website

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