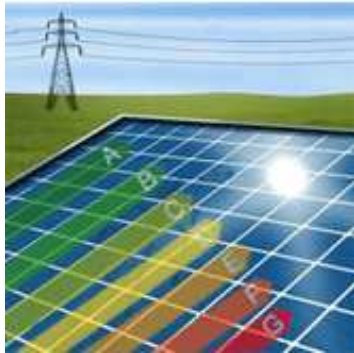


# ROSE - Regional Observatory for Energy and Greenhouse Gases emissions



## Key Achievements

-Availability of territorial Energy-Climate profile (region, province, cities, etc.)

### Context and rationale

The ROSE - Regional Observatory for Energy and Greenhouse Gases emissions was created by decision of 12 founder members in 2008.

The ROSE is involved in the elaboration of the regional plan for climate and is providing data to local authorities in the Paris region dealing with their territorial energy and climate plan.

### Description

The observatory is monitoring:

- Final energy consumption, energy production (mainly from renewable sources) and energy distribution (district heating mainly)
- Energetic and non-energetic GHG emissions, including CH4 emissions from the agriculture sector.

It doesn't monitor air quality. It does not monitor local impacts of climate change. Indirect emissions due to the consumption of goods produced outside the territory are not monitored.

The main input data used are: statistical data, average energy consumption rates, GHG emissions rates and real data from regional and local levels.

The "final consumer approach" is used: the emissions taken into account are not the GHG emitted on the territory but the emissions due to energy consumption on the territory. The figures are mainly data computed from determinants (number of inhabitants, road traffic...) and average energy consumption rates but

more and more real data of energy consumptions are being used to get more accurate figures.

### Main results

The objectives are:

- To gather and produce information at the regional and infra regional levels on the different constituents of energy production and consumption and GHG emissions.
- To ensure consistence of the information between regional and national levels.
- To ensure a follow-up of knowledge through the use of tools and indicators to assess the impact of policies & measures.
- To carry out specific studies on local energy resources, needs and consumption and their determiners.
- To be a platform for exchanges of information related to energy and GHG and to facilitate the dissemination of information.
- To publish data on a friendly way : maps, graphics, pictures and videos.

Energy balances and GHG inventories are used as inputs for defining the regional policy on energy and climate change and are also used for the PCET (energy and climate plans) which are a mandatory works for local authorities with more than 50 000 inhabitants.

Data are published on the observatory website and are available free of charge on the observatory's website. Data available at communal level as far as technically and legally possible (there are some confidentiality issues) are given to local authorities for their needs but only on demand.

## Lessons learned & success factors

The main difficulties to address are the lack of real data at local level combined to the size of the territory and legal issues about data property.

The main strengths of the observatory are the shared vision between stakeholders, the expertise available and the access to some specific data.

## Implementation

### Implementing structure and partners – governance

The observatory's governance scheme includes a steering committee and Technical committees.

The steering committee includes representatives of regional energy stakeholders as well as economic and social sectors: all ROSE members (Ile-de-France Régional council, ARENE Ile-de-France, ADEME, SIGEIF, SIPPAREC, EDF, GDF Suez, STIF, State representatives, ERDF, GRDF, RTE, IAU, AIRPARIF and Regional Chamber of Commerce and Industry) are participating to the steering committee.

Technical committees are dedicated to energy consumption and production data collection and to methodologies.

The Observatory aims at leading a network open to private stakeholders and general public.

### Financing and Costs

Annual budget is co-financed by ARENE Ile-de-France, Ile-de-France Regional Council, ADEME (French National Agency for Environment and Energy Management),

SIGEIF, SIPPAREC, EDF, GDF Suez, STIF and Regional Chamber of Commerce and Industry.

Human resources dedicated to the observatory: 1 Full Time Equivalent.

### Time frame

The observatory has existed since 2008.

### Contact & links



Réseau d'Observation Statistique de l'Energie  
et des émissions de gaz à effet de serre en Ile-de-France

#### Contacts of the Technical Structure:

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### Website

Observatory website: [www.roseidf.org](http://www.roseidf.org)