

Rhônealpénergie-Environnement

Regional energy and environment agency

Presentation

Market analysis

Fields of activity

Rational use of energy, promotion of renewable energies, protection of the environment, practical application of the sustainable development concept

Statute

Non-profit association of about 40 members including the Regional Council, the counties, towns, energy producers, associations in social housing, energy and environment, local energy agencies, financial bodies etc...

Target groups

Local authorities, public sector and equivalent (social housing companies, hospitals)

National partnership

- RARE : French Network of Regional Energy and Environment Agencies : www.rare.asso.fr

European networks

- FEDARENE : European Federation of Regional Energy and Environment Agencies : www.fedarene.org
- OPET : network for the promotion of energy efficient technologies

Partner in European programmes

- Thermie A and B
- ALTENER
- SAVE
- FP 5
- INTERPEC

ACTIONS

1. Exchanges and resources centre

- Regional observatory (follow-up of indicators, capitalisation of best practices, experiences feed back)
- Information of actors, web services documentation
- Contribution to the training of actors
- Actions of collective development monitoring (technological, organisational, European orientations,...)
- Links with research
- Support to regional networks of actors, creation of tools for these networks

. Accompanying authorities

Accompanying contracting authorities for the setting up of operations and the follow-up

Follow-up of demonstration or experimental operations in emerging fields or sectors,

Evaluation of projects.

. Accompanying programmes or collective actions at a territorial level

Participation to the implementation of national or European policies at the territorial level

Participation to the implementation of regional programmes (greenhouse effect, wood energy plan,...)

Participation to the setting up and the implementation of local innovative programmes (Agenda 21, local energy planning, charter of regional natural parks,...) ;

Evaluation of programmes and policies

ENERGY

Management and energy conservation at the territory level

- Local policies, energy planning, development of energy departments
- Assessment of investments policies for works in energy savings
- Role of actors (contractual relations local authorities, licensors, and law aspects)

Rational use of energy (energy efficiency)

- Energy savings and demand approach (studies, global energy audits)
- Electricity Demand Side Management ;
- Efficient technologies : district heating, CHP ;
- Support to energy management : technical management, maintenance contracts, energy accounting
- High Environmental Quality buildings

Global approach at the territory level

- Local Agenda 21
- Integration of sustainable development
 - In sectorial policies (Energy, Environment)
 - In local authorities (structural funds, town policies, territories, regional nature parks, planners)
- High environmental quality for new construction and development areas

Air quality and ex post treatment

- Fight against greenhouse effect,
- Treatment of urban pollution (alternative fuels)
- Collect, waste recycling

Transport

- Mobility management
- Soft transport
- Voluntary urban travel plan
- School travel plan

Building directive

**Market analysis
for the Rhône-Alpes region**

Housing

Building typology	All	Main dwellings	Secondary	Unoccupied	Other
Single house	1 319 625	82%	12%	5%	1%
Building with 2 to 9 apartments	486 054	81%	7%	10%	2%
Buildings with 10 or more apartments	1 021 706	77%	14%	7%	1%
Total	2 827 385	80%	12%	7%	1%

- Sold each year :
 - Houses : 32 000 (1 000 new ones)
 - Apartments : 48 000 (10 000 new ones)
- Build each year :
 - Houses : 20 500
 - Apartments : 15 500

Housing

- 12 % of families make energy renovation of their dwelling each year
- The average expense is 2000 €
- Renovations :

Insulation	18 %
Windows	31 %
Heating system	23 %
Ventilation	4 %
Other	24 %

Tertiary sector

	Heated surface (thousand of m ²)
Hotels, restaurants, taverns	7 897
Health	8 437
Schools	15 685
Sports, leisure, culture	5 534
Offices	16 429
Shops	18 429
Other	8 977
TOTAL	81 388