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## One fact

Actual energy and environmental situation is not sustainable in the sense of sustainable development, it is not fair between nations.

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## One goal

Reduce our energy consumption by 4 to limit our emissions at 1,35 t CO<sub>2</sub>/capita/year  
Propose alternatives to the actual energy and environmental issues  
Support territories and contracting authorities in the mitigation process imposed by climate change

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## Our strategy

Studies, research, development, monitoring and evaluation of projects and policies on energy planning, environmental quality

### In order to:

Save natural resources and develop the use of renewable energy sources  
Propose environmentally friendly solutions for buildings, energy production and consumption  
Raise public awareness

### And by limiting:

The consumption of fossil energy sources  
The environmental impacts of energy production and consumption industry, both fossil and nuclear  
The environmental impacts of human activities, buildings, transports, food production...

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## Stakeholders and various targets

**Contracting authorities:** local communities, Regional Council, energy agencies (ADEME, regional agencies...), European Union (DG energy and transports), ministries, National Agency for Research (ANR), Agence française de développement (AFD), associations, natural parks, manufacturers and companies...

**Energy consuming sectors:** building, transport, industry and various economic activities (services), agriculture

**Partnership working (Energy Cities, E. Blaustein, DoMEne, Négawatt Institute, Ener'Bat, TRIBU Energie, cartographers, communication, and a network of European partners)**

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## Our ethics



In line with its commitments, AERE compensates its CO<sub>2</sub> emissions due to transport through GERES CO<sub>2</sub>Solidaire program and uses electricity from renewable sources, purchased at Enercoop. Our coffee and tea breaks are "organic" and "fair-trade".

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## Past and current studies (examples)

### ● **Energy planning, renewable energy sources (RES)**

**Energy planning studies** (Climate & Energy Territorial Plan - PCET, diagnosis of the current situation, energy consumption and quantification of emissions, energy efficiency, substitution of fossil energies by renewable solutions) for cities (Grenoble, Embrun, Le Beausset), Regional councils (Alsace, Martinique), Natural Parks (in Rhône-Alpes and Languedoc-Roussillon, Livradois-Forez, Loire-Anjou-Touraine), urban areas (Grand-Besançon, Pays Voironnais).

**Support ECREEE (ECOWAS countries) to develop the SEEA-WA project, for the Facility Energy of the European Union**, which aims to overcome the technical, financial, legal, institutional, social, gender and capacity related barriers that hinder the implementation of cost effective energy efficiency (EE) measures and systems.

**Support ADEME to adapt and develop eea® label in France (Cit'ergie), support for PCETs and PLEE (Local Energy Environment Plans) in PACA Region, Cit'ergie audits** (Châtelleraut, Bordeaux, CA Seine-Eure, La Métro Grenoble, CU Nice Metropole) **and european energy award® Gold audits** (Besançon-France, Bernex and Verney - Switzerland).

AERE conducted in 2008 with UrbaPlan a study of energy planning for Kunming and Nanning city in China, on behalf of AFD (Agence française de développement).

### ● **High Environmental Quality for buildings, sustainable land management**

**Technical support** in different projects: for the construction of a day care nursery (Thoiry), of a technical center (Givors), for the restoration of a youth hostel in Grenoble Métropole, for the construction of a cafeteria (Lompret), the renovation of a school (Tour-de-Salvagny)

**HEQ referent in project management teams:** to design the Aigle mountain refuge for CAF, the new hospital for Châlon-sur-Saône, for the installation of a ZAC (Voiron)

Counseling on **environmental quality of urban projects** for architects (Albertville), **Urban Environmental Approach** (Lentilly)

**Land and agricultural diagnosis**, including a large part of consultation with local stakeholders for regional projects (flood control facilities for SMBV Véore).

### ● **General studies on energy**

**Tools & legislation instruments:** European programs for voluntary manufacturers to reduce the electricity consumption of motors, legislation proposal (electrical distribution transformers), and energy policies for electrical consumption in tertiary sector, implementation for energy access policy in West Africa

**Articles on energy efficiency** (for European Copper Institute) analysis and synthesis (study on electric heating and heat pumps for Greenpeace France)

### ● **Dissemination of best practices, conferences, training, expertise, articles**

**Training:** CNFPT, ADEME, Polytech'Savoie, ASDER, Agence bruxelloise de l'énergie, l'Organisation professionnelle du bâtiment (IFOB), Sciences Po Paris

**Conferences, communication:** conferences (agricultural association, sustainable development week at Strasbourg), radio and television programs (France Culture, Demain TV), publications (Le Monde Diplomatique, study case on environment, ADEF- association for land studies)

**Expert assistance in project evaluation:** Sustainable Cities call for tenders for Agence Nationale de la Recherche, for the European Agency EACI, Eco-district contest for MEDTL

**Preparation of communication documents:** guidelines to support local communities to implement programs to manage the electricity demand, for renovation and renewable energy

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## Team

**Anne RIALHE**, Chief Executive, PhD in Energy at the Ecole des Mines de Paris, Engineer at the Ecole Supérieure de l'Énergie et des Matériaux, more than 20 years of energy consulting experience

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