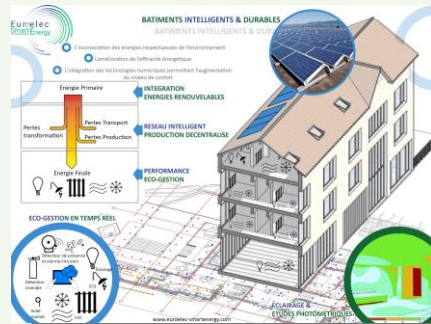




# Euroelec-Smart Energy





## EUROELEC-SMART ENERGY

Engineering Design Office

Specialist in new energies

The terms “**solar** or **photovoltaic panel**”, “**Provençal** or **Canadian wells**”, “**geothermal energy**” are common when we talk about environmental issues as they have become essential and **Euroelec-Smart Energy** is at the heart of these energy and digital transitions, in perpetual evolution.

Design office specialized in **energy respectful of the environment**, we can accompany you on your projects (feasibility studies, expertise, analysis, design, realization, operation, maintenance) by offering you a wide range of solutions to answer your questions and growing needs in terms of **energy efficiency**, **electricity**, **fluids**, **home automation**, **fire safety**, **thermal studies** and **simulations** and **eco-responsible development**.

Let's meet and together, be the actors of future intelligent and sustainable buildings.

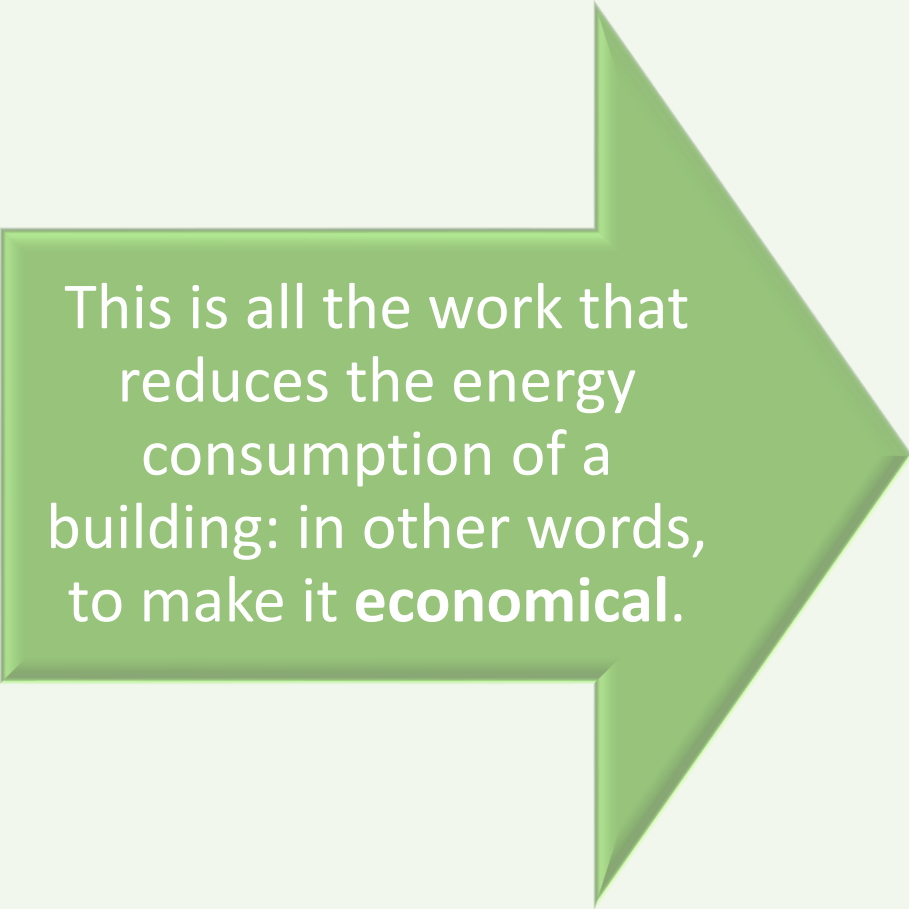


# Do you have an ecological transition and energy renovation project?


**You wish to :**

- ☐ Making energy savings
- ☐ Improve your comfort of life
- ☐ Helping to build a greener world
- ☐ You are committed to respect for the environment
- ☐ Take advantage of the state aid for the realization of your housing

# What is energy retrofit?

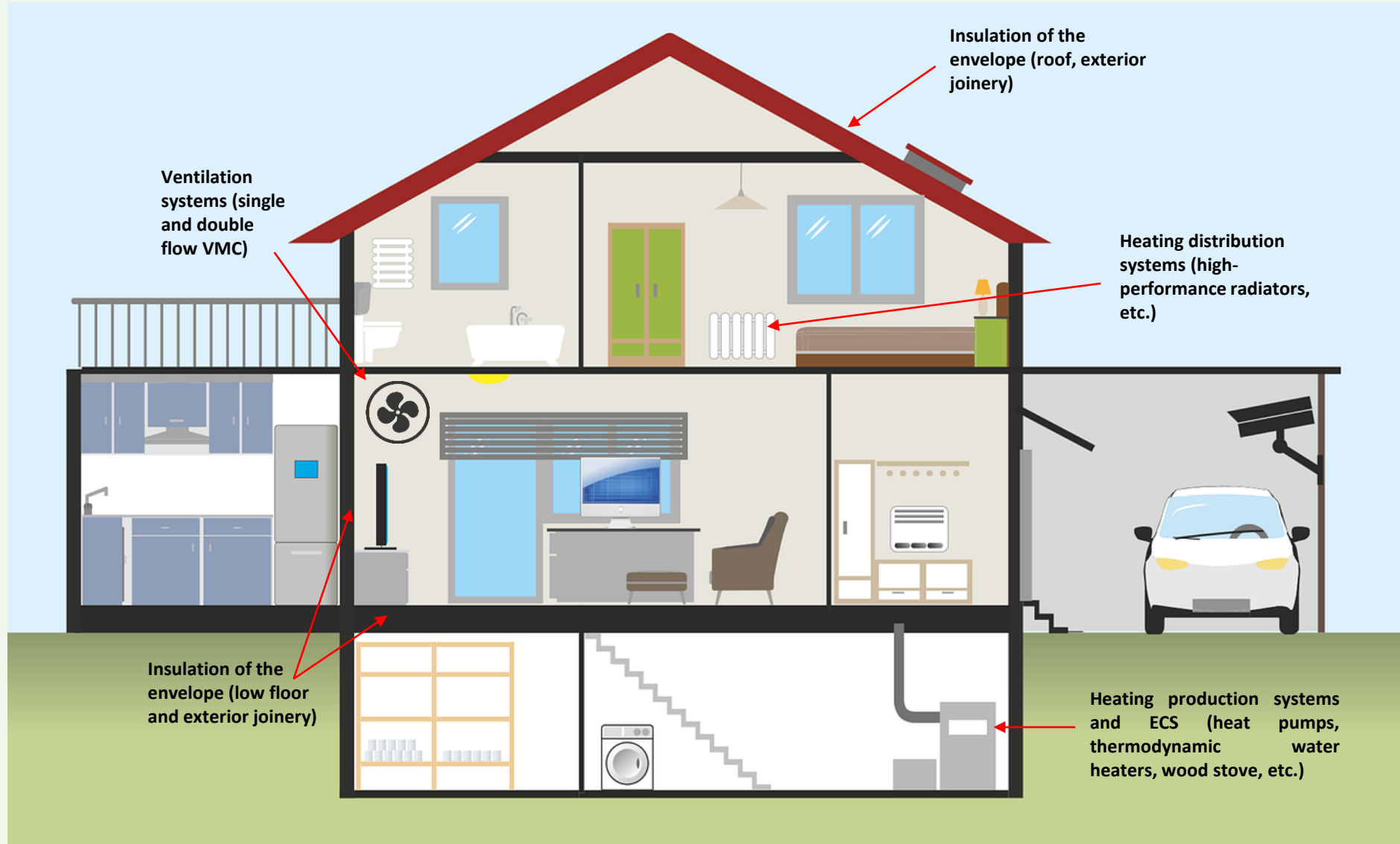


This is all the work that reduces the energy consumption of a building: in other words, to make it **economical**.



This makes it possible to become aware of the economic and ecological issues related to the energy transition.

# Presentation of the main elements of energy renovation



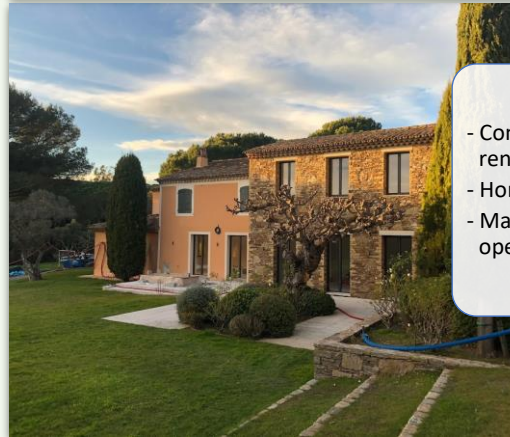
# Our expertise

## Photovoltaic



- Power increase on a power plant
- Rooftop photovoltaic installation
- Turnkey project

## Exception projects



- Construction and renovation of villas
- Home Automation
- Maintenance and operation

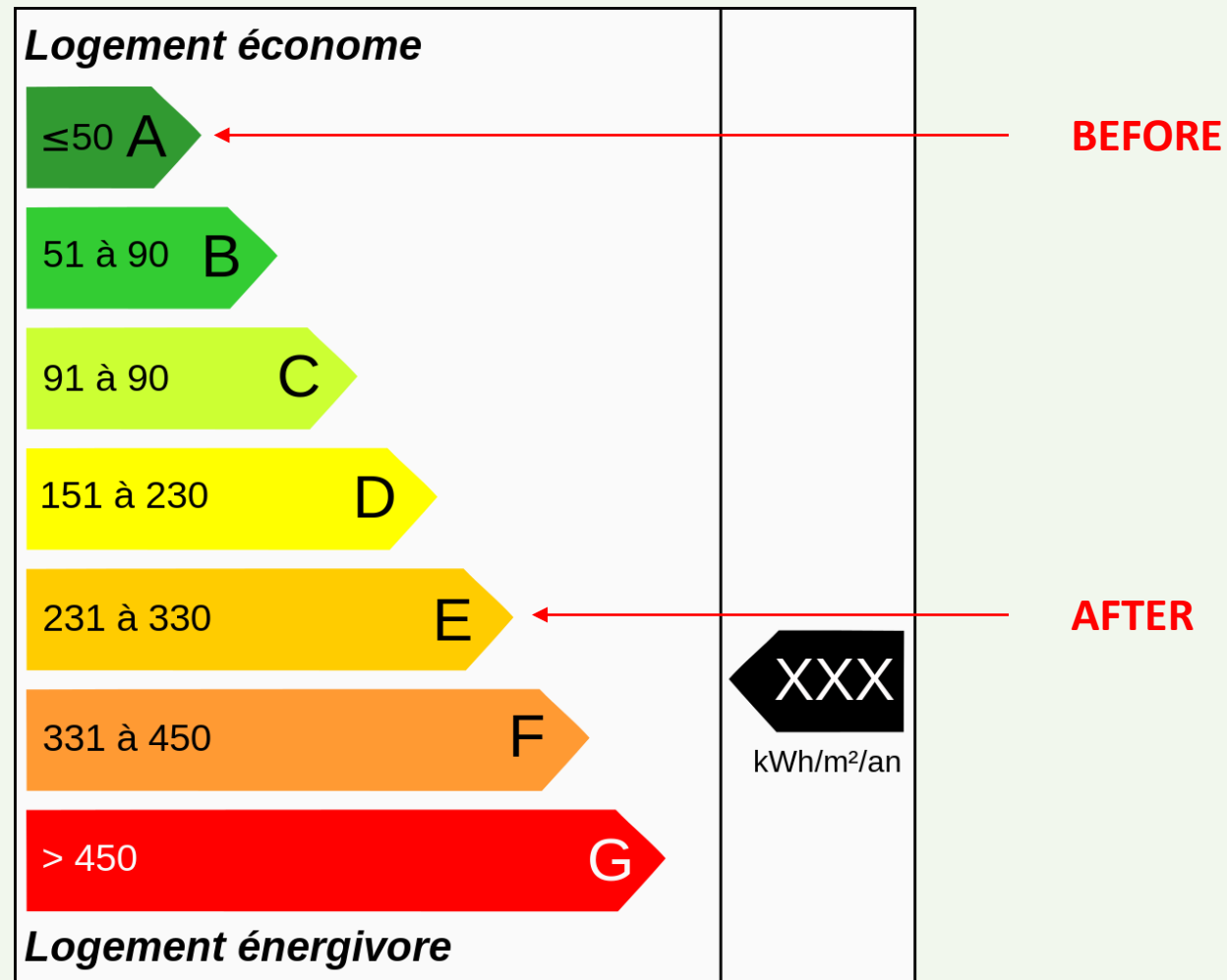
## Buildings



- Thermal studies
- Design and sizing of heating
- Electrical grid calculations: CFO/CFA

# Energy performance

*The purpose of the ECD is to assess the energy consumption of a dwelling.*



# Greenhouse gas

*The energy retrofit of a building significantly reduces greenhouse gas emissions.*

Faible émission de gaz à effet de serre

≤5 **A**

6 à 10 **B**

11 à 20 **C**

21 à 35 **D**

36 à 55 **E**

56 à 80 **F**

> 80 **G**

Forte émission de gaz à effet de serre

BEFORE



AFTER

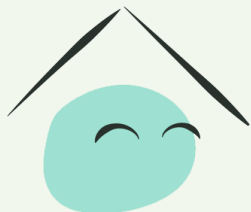


# Financial aid in France



# Financial aid in France

Mapriménov'



What is it?	For ?	What kind of accommodation?
<ul style="list-style-type: none"> <li>-Launched January 1, 2020.</li> <li>-Replacement of the energy transition tax credit + Aids from the National Housing Agency (Anah).</li> <li>-Reinforced system since 1 October 2020.</li> </ul>	<ul style="list-style-type: none"> <li>-All households ;</li> <li>-Condominiums ;</li> <li>-Landlord owners.</li> </ul>	<ul style="list-style-type: none"> <li>-The dwelling must be occupied as a principal residence.</li> </ul>

Aide « Habiter mieux sérénité » de l'Anah



What is it?	For ?	What kind of accommodation?
<ul style="list-style-type: none"> <li>-Aid paid by Anah to certain households to help them in the renovation of their housing.</li> <li>-Not to exceed €18,000 of the total amount of the aid.</li> </ul>	<ul style="list-style-type: none"> <li>-Households with modest and very modest resources ;</li> <li>-Owners occupying a single dwelling;</li> <li>-Landlord owners ;</li> <li>-Syndicates of co-owners.</li> </ul>	<ul style="list-style-type: none"> <li>-Dwellings occupied as primary residence and over 15 years old on the date the file is filed.</li> </ul>



What is it?	For ?	What kind of accommodation?
<ul style="list-style-type: none"> <li>-Allows you to finance the energy renovation of your home without making a cash advance and without paying interest.</li> <li>-The device is extended until 31 December 2021.</li> </ul>	<ul style="list-style-type: none"> <li>-Natural persons (owner-occupiers or lessors) including co-owners ;</li> <li>-Civil companies not subject to corporation tax, of which at least one of the partners is a natural person.</li> </ul>	<p>The dwelling must be :</p> <ul style="list-style-type: none"> <li>-Reported as primary residence ;</li> <li>-A house or apartment ;</li> <li>-Completed before 1 January 1990.</li> </ul> <p><b><u>Only one zero-rate eco-loan can be granted per unit.</u></b></p>



What is it?	For ?	What kind of accommodation?	What kind of help?
<ul style="list-style-type: none"> <li>-Aid for carrying out energy-saving work provided that it is carried out by a recognized environmental professional (EGR).</li> </ul>	<ul style="list-style-type: none"> <li>-All landlords or tenants.</li> </ul>	<ul style="list-style-type: none"> <li>A primary or secondary dwelling.</li> </ul>	<ul style="list-style-type: none"> <li>-Diagnosis – advice.</li> <li>-Connecting with a qualified network of artisans.</li> <li>-Soft rate loan.</li> <li>-Prime.</li> </ul>

# Financial aid in France

LA PRIME COUP DE POUCE !



What is it?	For ?	What kind of accommodation?
<ul style="list-style-type: none"> <li>-Open until December 31, 2021.</li> <li>-This scheme allows households in situations of energy poverty to benefit from greater aid.</li> </ul>	<ul style="list-style-type: none"> <li>-Since 2019, all households can benefit.</li> </ul>	<p>The system is available in 2 aids:</p> <ul style="list-style-type: none"> <li>-The Heating Boost Bonus;</li> <li>-The Insulation Boost Bonus.</li> </ul> <p>The amount of premiums depends on the level of household resources.</p>



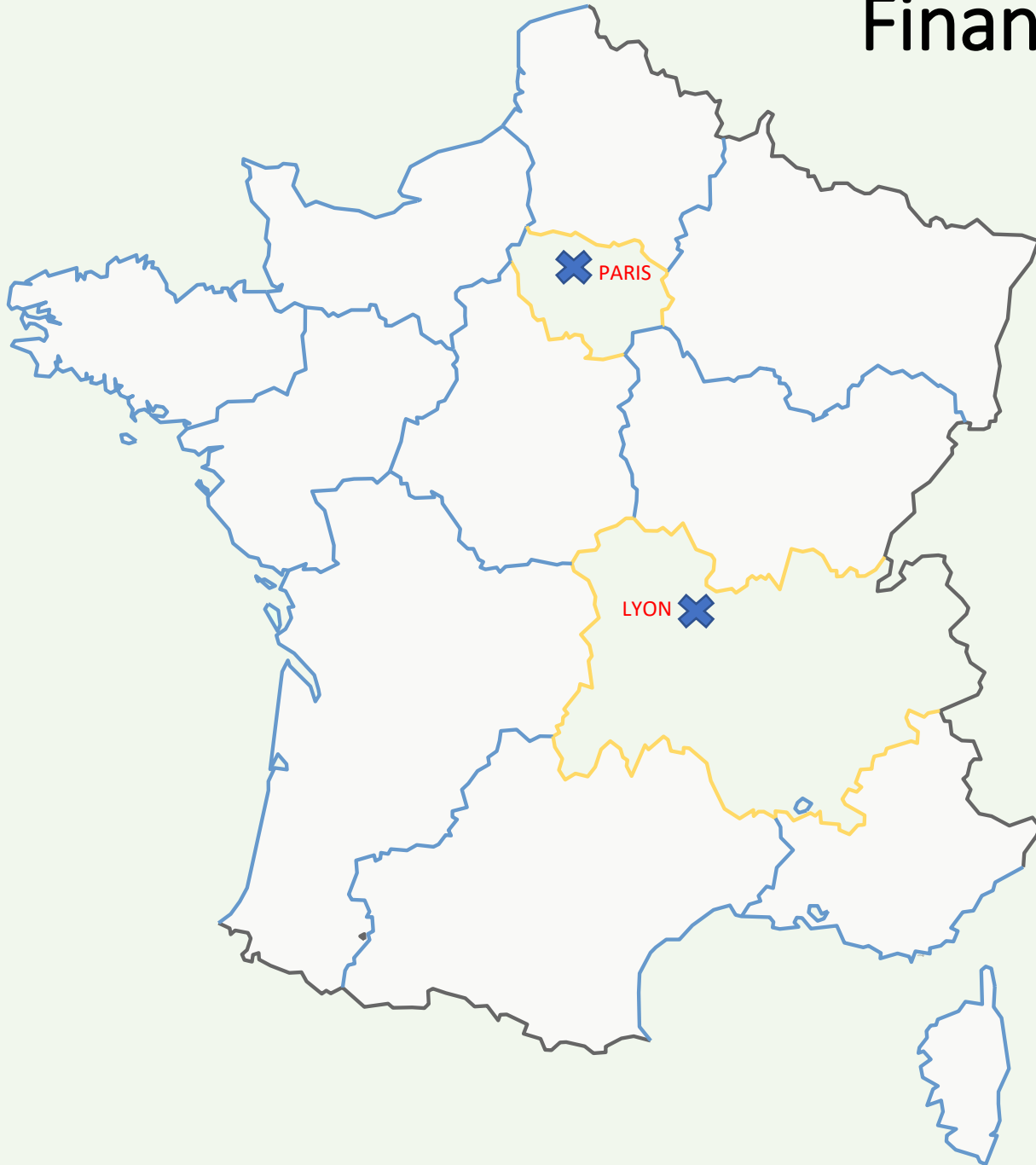
What is it?	For ?	What kind of work?
<ul style="list-style-type: none"> <li>-Nominative assistance for the payment of housing energy bills.</li> <li>-Generalized in 2018 to replace social energy tariffs.</li> <li>-Its amount can vary between €48 and €277 per year.</li> </ul>	<ul style="list-style-type: none"> <li>-People with modest resources;</li> <li>-List of beneficiaries based on the household's reference tax income (RFR) and household composition.</li> </ul>	<p>The energy check can be used to pay :</p> <ul style="list-style-type: none"> <li>-Energy bills ;</li> <li>-Some work to limit the energy consumption of housing.</li> </ul>

**TVA 5,5%**

**For work to improve energy quality**

What is it?	For ?	What kind of accommodation?
<ul style="list-style-type: none"> <li>-In case of renovation of a dwelling, some works can benefit from a VAT rate reduced to 5.5%.</li> </ul>	<ul style="list-style-type: none"> <li>-Owner-occupiers, landlords or owners' unions ;</li> <li>-Tenants and occupants free of charge ;</li> <li>-Civil real estate companies.</li> </ul>	<ul style="list-style-type: none"> <li>-Housing must be completed for more than 2 years and occupied as a primary or secondary residence.</li> </ul>

# Financial aid by regions concerned at Euroelec-Smart Energy



*With financial support, we offer solutions that have a return on investment time that is as short as possible and a good profitability of the projects for our customers.*

# Financial aid to Paris and Île-de-France

Municipality	Name of the aid	Conditions relating to the beneficiary	Conditions relating to the type of dwelling	Kind of the aid	Amount of aid
<b>Paris</b>	Cheque to the audit-Paris	Condominium	Condominium	Grant	5000 €
<b>Île-de-France</b>	Air-Bois-Île-de-France Fund Bonus	Homeowners	-Completed more than two years ago -Condominium Apartment, Individual House -Residence located in Île-de-France -Principal residence	Grant	Amount of the "Air/Wood Fund" premium is €1,000 maximum per equipment changed
	Flat-rate aid on labour				800 € for a CESI (individual solar water heater) -€1,300 for a SSC (solar panel combined heating + other heating mode) -750 € for solar photovoltaic collectors
	Aid for the installation of heat pumps				800 €
	Aid for the installation of a vegetated roof				45 € per m <sup>2</sup> of vegetated roof
	Help with roof insulation (attic)				1200 €



# Financial aid to Lyon

## 1. AID TO THE LEB\*

For renovations that reduce your **energy consumption and greenhouse gas emissions**, so that your home consumes less than **96 kWh/m<sup>2</sup>/year\*\***

**The amount :**

**3500 €** for an amount of works up to 40,000 €

**5,000 €** for an amount in excess of 40,000 €

\*low energy buildings

\*\*Thermal calculation THCE method ex.

## 2. LIVING BETTER

**Specific aid** (from Anah and Metropolitan France) **exists for households which do not exceed certain resource conditions.**

**The amount :**

45-60% of the total cost of the works (capped at 20,000 €)

+ 1,000 € premium from the Metropolis of Lyon

+ 2,000 € Ecoreno'v premium for a bouquet of 3 eco-renovation works.

## 3. BIO-SOURCED MATERIALS BONUS

Get additional support by choosing materials from **plant or animal biomass**.

**The amount :**

**Up to 2500 €**

## 4. DISPOSITIF LOUEZ MALIN

The Métropole de Lyon offers financial assistance to landlords who undertake to rent affordable housing.

# Financial aid to Lyon

## 5. SERVICE DORÉMI

(Operational Energy Renovation System for Individual Homes)

Would you like to process all energy retrofit jobs?  
You can be connected with a group of companies trained to work together to achieve the best possible performance.

## 6. WOOD AIR PREMIUM

Replace a wood stove or open fireplace installed before 2002 with a device labeled «Green Flame» 7 stars more efficient and especially less polluting.

**The amount :**

From 500 € to 1000 € according to your resources.

## 7. AID FOR ENERGY AUDIT

Make an accurate assessment of your home as is to:

- to identify priority renovation stations;
- assess the savings that can be achieved;
- define one or more BBC renovation scenarios, their estimated costs and associated gains.

**The amount :**

The aid represents 70% of the amount including all taxes of the invoice and is capped at 800 €.

To be eligible, the beneficiary must comply with the aid conditions and have met the ALEC beforehand.



©L'Agence Locale de l'Énergie et du Climat de la Métropole de Lyon (ALEC Lyon) est la porte d'entrée du dispositif ECORENO'V.

# Such aid shall include ...

	MaPrimeRénov'	Éco-prêt à taux zéro	Aid of l'Anah	Aid from local authorities	Aid from energy suppliers
MaPrimeRénov'		✓	✗	✓	✓
Éco-prêt à taux zéro	✓		✓	✓	✓
Aides de l'Anah	✗	✓		✓	✗
Aides des collectivités locales	✓	✓	✓		✓
Aides des fournisseurs	✓	✓	✗	✓	

The energy cheque, the property tax exemption, the assistance of your pension fund can also be added to the assistance presented in this table.

# Our energy retrofit projects



## Energy audit Maison Individuelle - Lyon

### PROJECT

Energy audit and energy-saving work programme adapted to the needs and constraints of individual homes.

Detached house of 127m<sup>2</sup> living space of two levels with a basement that was delivered on October 28, 1988 in the housing group «Les maisons de Saint-Rambert».

Objectives:

- Reduction of energy expenditure and impact on climate change.
- Analysis and reduction of thermal losses and energy consumption.
- Improved thermal comfort of the building.

### MISSION

- Diagnosis of current condition.
- Study and simulation of possible energy improvements.
- Study of the comfort of the occupants.
- Presentation of recommended solutions to the customer.
- Preparation of work programmes.
- Estimated budget envelopes and energy gains.

# Our energy retrofit projects



## Rehabilitation of a mansion with garden

### PROJECT

Rehabilitation of a building for residential use distributed over 3 floors (basement - ground floor - R+1), equipped with geothermal with a heat pump, video-surveillance, access control, LED lighting. There is also, inside, a swimming pool, hammam, fitness. The use is managed in KNX/Creston allowing remote supervision and user comfort.

### MISSION

Maintenance and operation of the building.

- Underfloor heating / Air conditioning / Fan coil.
- Swimming pool technical equipment including pool heating.
- Electrical studies: power balance and electrical calculation notes.
- Strong and weak current electrical engineering studies.
- Technical studies on home automation including multimedia.
- Mission of execution studies for the production of electrical panels.



# Our energy retrofit projects



## Construction and renovation of three villas in Ramatuelle

### PROJECT

House A is designed and realized according to the label «BEPOS» (Building with Positive Energy).

Houses B and C are renovations.

### MISSION

- Thermal studies: heating, ventilation, air conditioning.
- Plumbing and sanitary studies.
- Strong and weak current electrical engineering studies.
- Technical home automation studies including multimedia.

# Our energy retrofit projects



## Renovation of the restaurant 1802 - Besançon

### PROJECT

Renovation of the restaurant «1802» of 255 m<sup>2</sup> located in the center of Besançon, which can accommodate 96 people.

### MISSION

- Thermal studies: heating, ventilation, air conditioning.
- Plumbing and sanitary studies.
- Electrical engineering studies strong and weak currents.



# Our energy retrofit projects



## Extension and renovation - Château de Chénas

### PROJECT

Extension and renovation of the castle of Chénas in a hotel «Feng shui» 4 stars.

### MISSION

- Thermal studies carried out with the software certified by CSTB Lesosai.
- Design and sizing of heating from the geothermal source.
- Hot/cold reversible floor heating with geothermal PAC.
- Dual flow ventilation with CTA.
- Design of sanitary plumbing.
- Calculation of high and low current electricity grids.
- Regulation and home automation.

With this information and financial support, you are ready to play a role in the preservation of our planet.

Not to mention that Euroelec-Smart Energy supports the realization of your projects.

CONTACT US !

