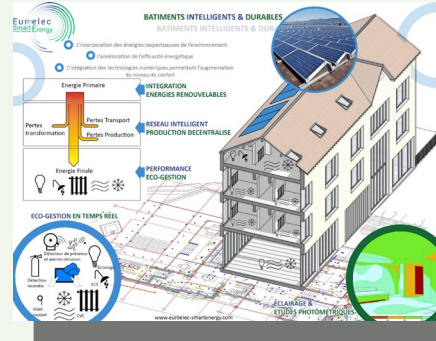


Euroelec-Smart Energy





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 :

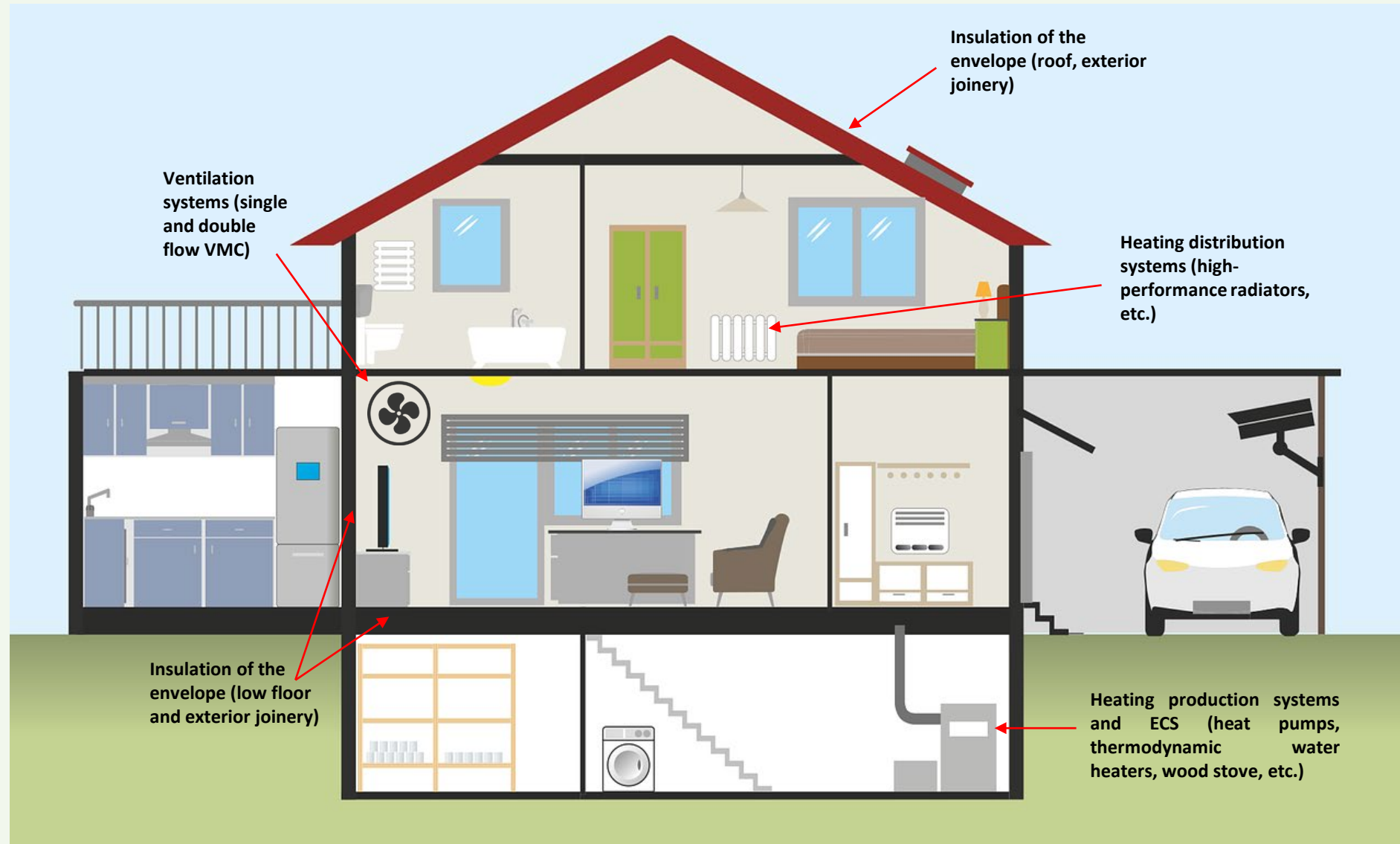
- Making energy savings
- Improve your comfort of life
- Helping to build a greener world
- You are committed to respect for the environment
- Take advantage of the state aid for the realization of your housing

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

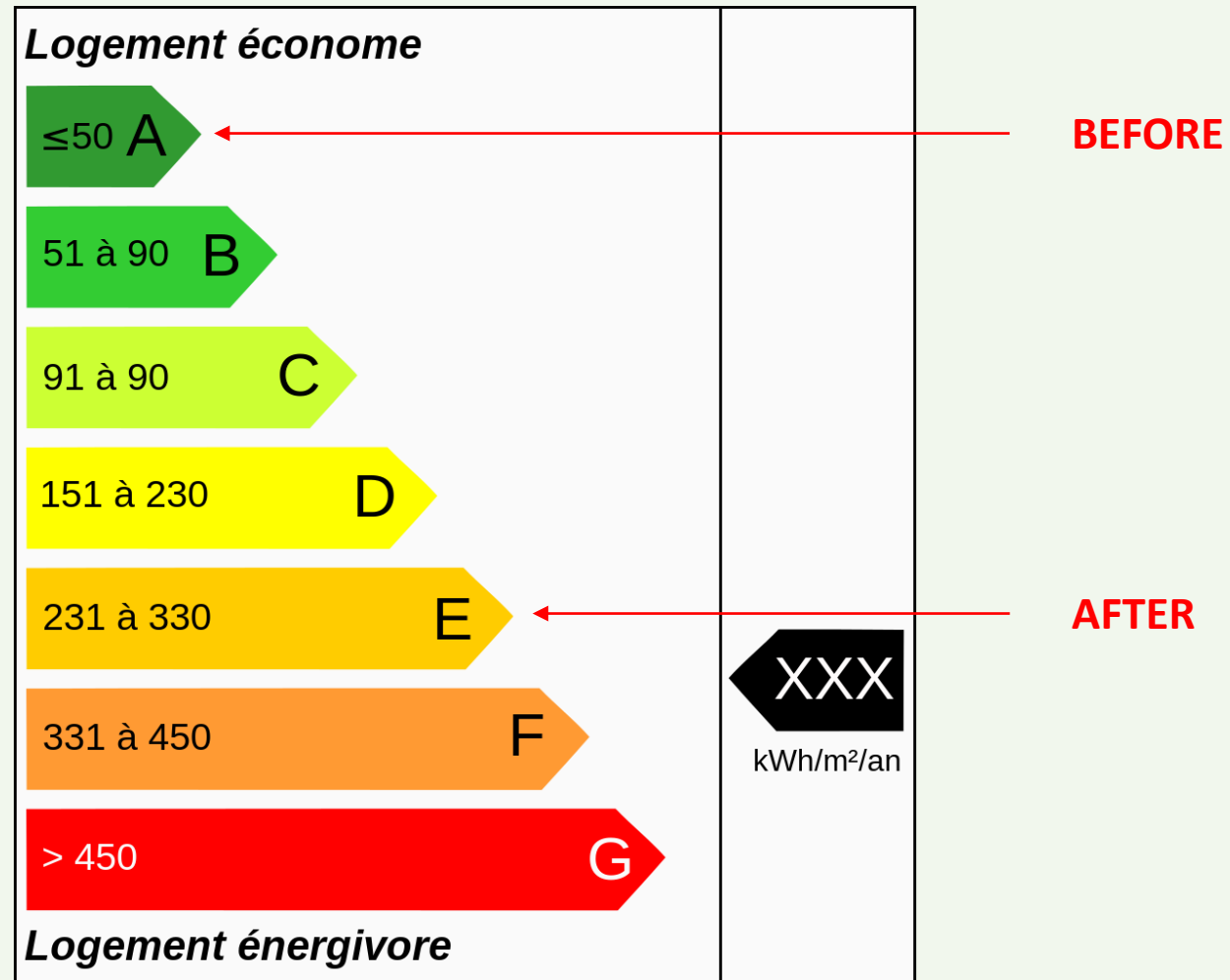
Buildings



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

Energy performance

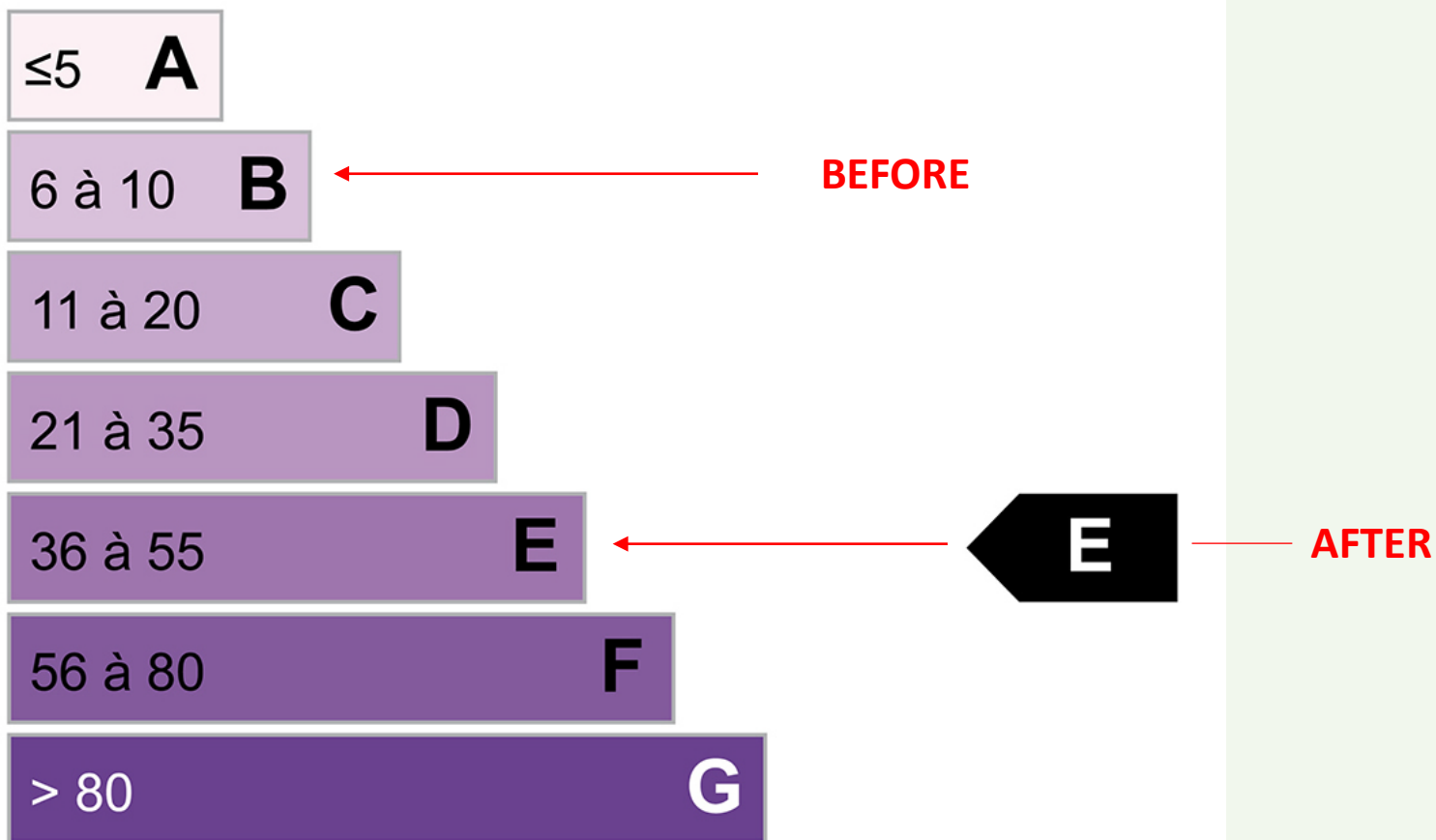
The purpose of the ECD is to assess the energy consumption of a dwelling.



Greenhouse gas

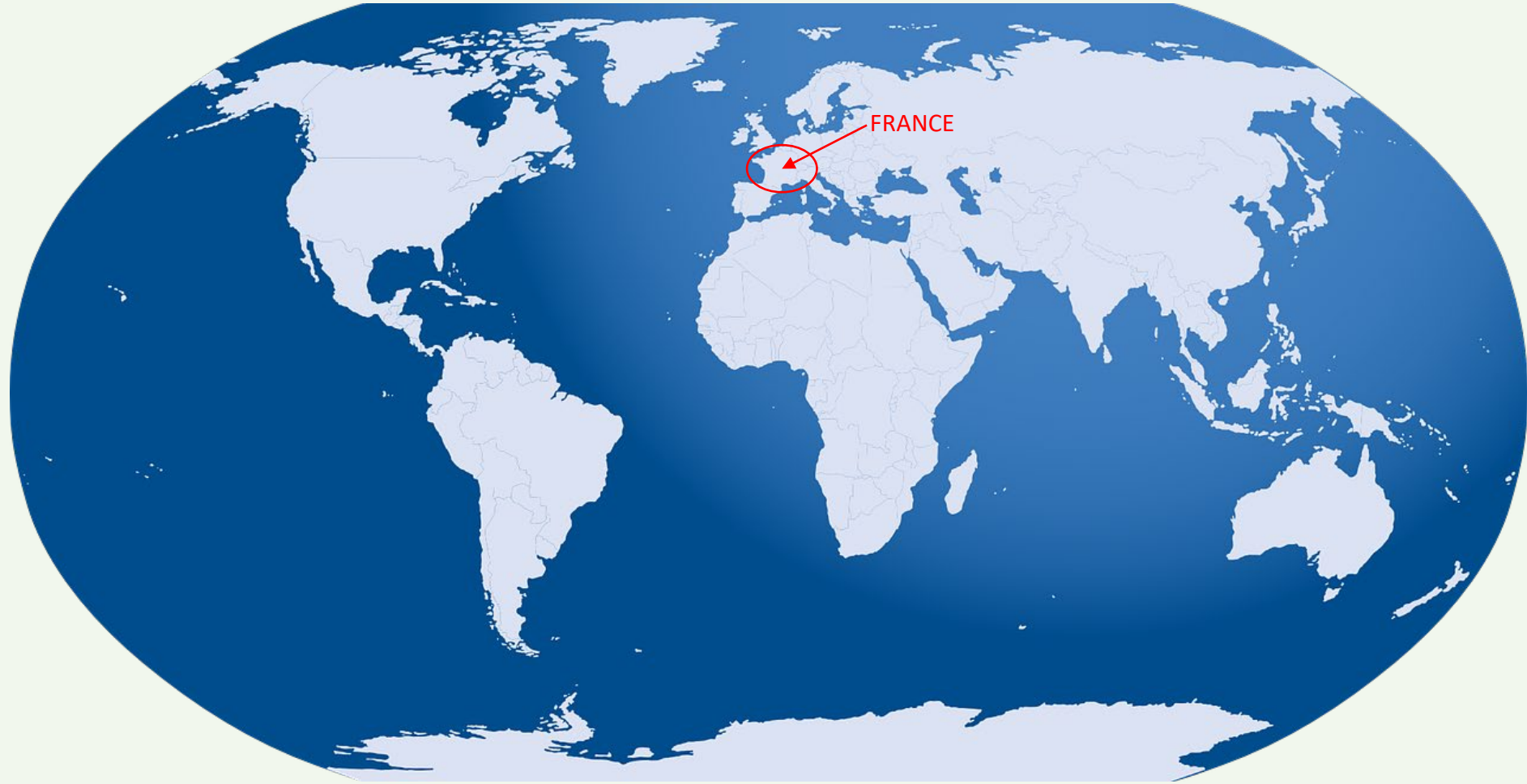
The energy retrofit of a building significantly reduces greenhouse gas emissions.

Faible émission de gaz à effet de serre



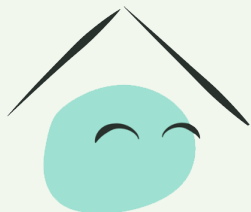
Forte émission de gaz à effet de serre

Financial aid in France



Financial aid in France

Mapriménov'



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

Aide « Habiter mieux sérénité » de l'Anah



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



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



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

Financial aid in France

LA PRIME COUP DE POUCE !



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



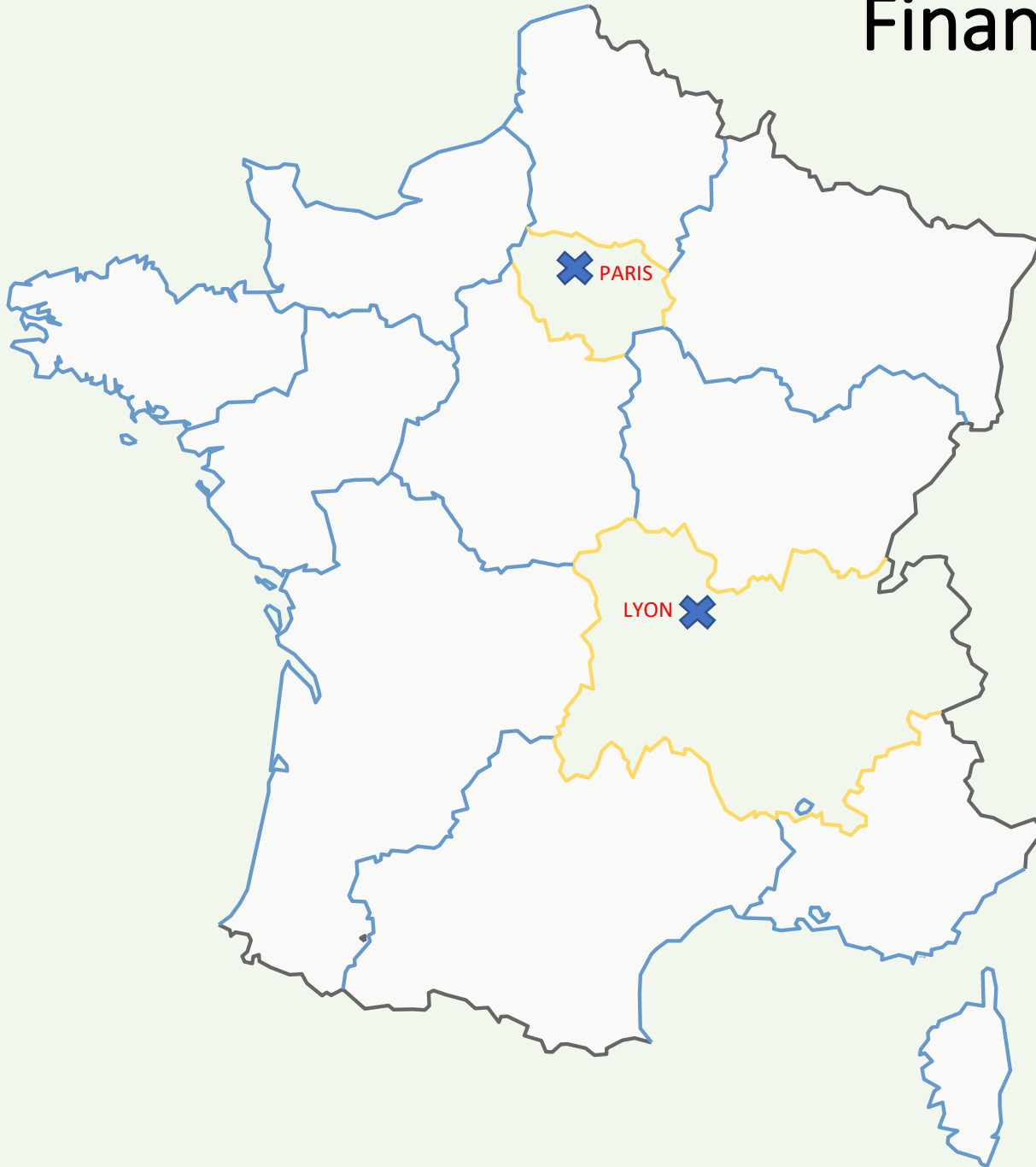
What is it?	For ?	What kind of work?
<ul style="list-style-type: none"> -Nominative assistance for the payment of housing energy bills. -Generalized in 2018 to replace social energy tariffs. -Its amount can vary between €48 and €277 per year. 	<ul style="list-style-type: none"> -People with modest resources;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

TVA 5,5%

For work to improve energy quality

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

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
Paris	Cheque to the audit-Paris	Condominium	Condominium	Grant	5000 €
Île-de-France	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 ² 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/m²/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.



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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 127m² 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 m² 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 !

