

From political resolve to the real world: **effinergie®**, one of the key players making buildings energy efficient

Our objectives

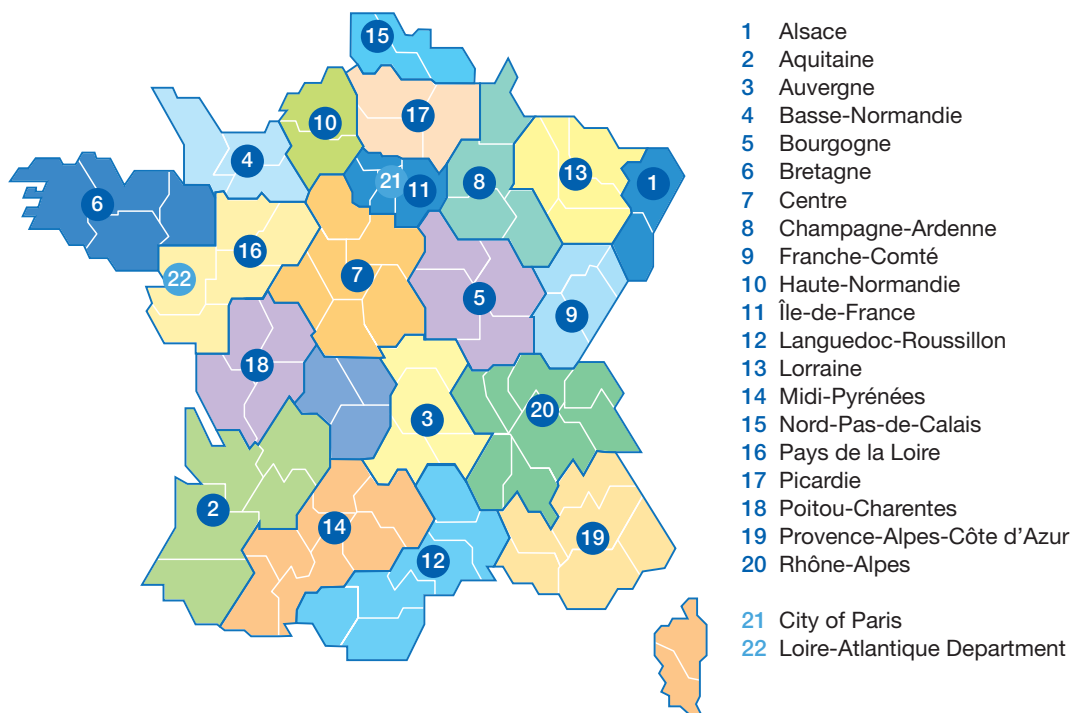
Created in March 2006, this association's objective is to create a supportive dynamic within the construction market that makes it conducive to building comfortable and energy efficient buildings. It has forged the ability to:

- develop building references and tools,
- unite all the players in the sector,
- promote a regional dynamic among the players in the construction sector,
- ensure coordination between governmental authorities and regional initiatives,
- show the techno-economic feasibility of low energy construction, highlighting results from real experience.

Our members

The vast majority of French Regions support **effinergie®**

Today 20 out of 22 mainland regions have joined the association as well as the City of Paris and the Loire-Atlantique Department.



A strong 50 members network

The strength of **effinergie®** is bringing together a diverse panel of associates and experts, who monitor new building and renovation projects through all the stages of their completion. The panel includes:

- Centers of technology and research
- Non profit building associations
- Banks
- Industrialists
- Trade unions and professional federations
- Training organizations
- Architects and engineering consultants



Our **work** is carried out by:

- **A technical commission** made up of experts in the sector of energy efficient applications in close cooperation with the Ministry and in total coherence with existing regulations.
- **A strategic planning group for territorial development:** group for exchanges and sharing of experiences. This group is made up of the territorial decision makers who want to foster an effective **effinergie®** dynamic on a territorial level with the main players in the construction sector. This can be accomplished, transferring know-how through **BBC-effinergie** guides, training sessions and exchanges, not to mention the inter-territorial sharing of experiences.

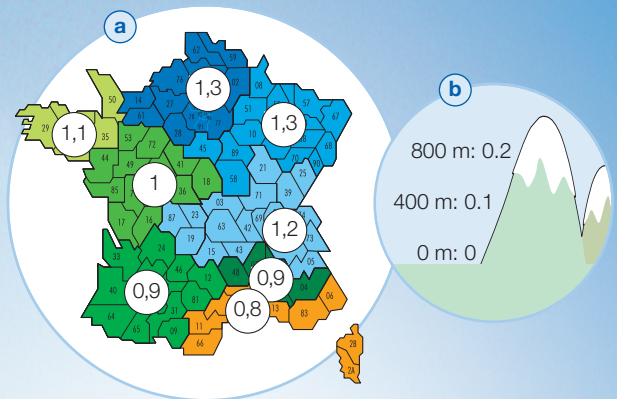
BBC-effinergie labels

The **effinergie®** association, in partnership with the Ministry has developed energy performance labels for the new and renovated buildings in residential and not-residential sectors. These labels are delivered by accredited organizations of certification.

- The **BBC-effinergie** label for new construction:

This label is also used by the Grenelle environmental agreement as the 2012 objective for new buildings. The consumption goal is **50 kWhpe/m²/year*** (x a x b) for new residences, with a possible variance in order to allow for a particular region's climactic differences. Results as of October 2009: **almost 2.600 single family homes, 19.000 residences and 50 service buildings (pending certification).**
- The **BBC-effinergie** label for renovation projects:

An ambitious label of energy efficiency aimed at renovation projects for residences: **80 kWhpe/m²/year*** (x a x b), with a possible variance in order to allow for a particular region's climactic differences. Results as of October 2009: **123 single family homes, 27 pilot renovation projects for residences (in progress).**
- **effinergie®** labels for positive energy buildings: **BPASS-effinergie - BPOS-effinergie** (coming soon)
- An **effinergie®** label for overseas departments: **DOM-effinergie** (coming soon)

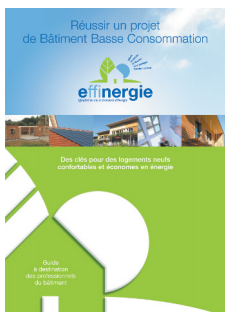


* The consumption – that should not be exceeded – applies to the energy utilizations that can be actively influenced from the design of a building: Heating, Hot water, Auxiliary appliances for ventilation and heating, Lighting (via natural lighting), Air-conditioning. It does not include the other utilizations of electricity (particularly the household appliances, audiovisual equipment, ...) that are equivalent to more than 50 kWhpe/m².year of additional consumption.

Our **tools** available to see and download from our website: www.effinergie.org



- **BBC-effinergie training programmes**
- **Guide “Successfully Constructing your Low Energy Building”**
- **Guide “Renovation: Successfully Converting to a Low Energy Building”** (coming soon)
- **Specifications documents by theme: Summertime Comfort, Grey Energy.** (coming soon)
- **Guide “Economic and Financial Aid for Low Energy Buildings”**
- **The BBC Observatory**



Now that the objectives of the new French thermal regulation are established, the interest is to assist professionals so that new and renovated low energy buildings become the standard. For this reason, it is necessary to evaluate existing low energy buildings from a technical and economic standpoint in order to study and disseminate good practices. This is why the Ministry of Housing, the Environment and Energy Management Agency (ADEME) and Effinergie have decided to develop a tool called “BBC Observatory” for sharing experiences concerning the operation of low energy buildings. Website: www.observatoireBBC.org (the site will be up and running in October 2009)



www.effinergie.org

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