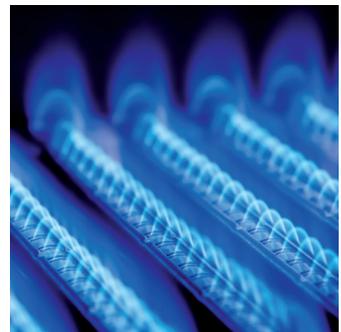


# Environmental Performances Laboratory

Assessing the environmental performances of building products and equipment for the French market

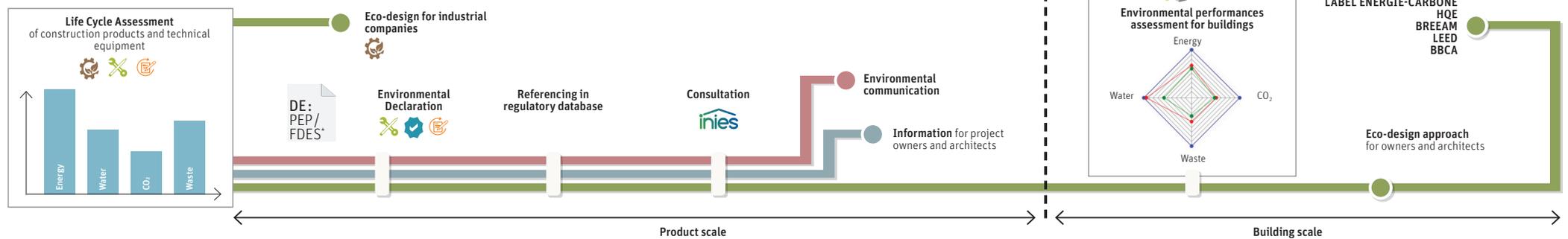
> To guide industrial companies that want to highlight the environmental performances of their building products and equipment on the French market, the CSTB created the Environmental Performances Laboratory in November 2015.

> This laboratory offers four types of services, so as to cover all the needs of the relevant stakeholders. The expansion of this offering is part of the public dynamic that encourages and guides the environmental assessment of buildings, based on the Life Cycle Assessment – LCA, and enables industrial companies to meet regulatory requirements and changes expected in 2017 in France.



# A comprehensive, tailored offering

## Environmental assessment of building products and equipment



### DRAFTING YOUR FDES AND PEP

You do not have an environmental declaration for your products, and you want to communicate about their environmental performances?

#### Service in 3 steps:

- > Scoping the project
- > Collecting the inventory data and conducting Life Cycle Assessment (LCA)
- > Drafting the environmental declaration by the CSTB.

#### Additional options:

- > Recording and publishing on the regulatory website and in the INIES database
- > Establishing the validity framework of collective declarations
- > Preparing the health-related section of the FDES.

### VERIFICATION OF YOUR FDES

You do not have a verified environmental declaration, and you want to anticipate changes in French regulations?

#### Service in 2 steps:

- > Critical review report
- > Issuance of a certificate.

When a manufacturer has drafted an environmental declaration, having the declaration checked by an independent third party will become mandatory in France starting on July 1, 2017. The third party substantiates that the declaration's environmental indicators were established in accordance with the NF EN 15804 A1 and NF EN 15804/CN standards. The CSTB has a team of accredited inspectors. The verification also makes it possible to leverage your declarations more effectively for the BBCA label.

### REVISING YOUR FDES AND PEP

You need to update your environmental declaration?

#### Updating your environmental declaration:

- > The CSTB can determine whether your environmental declaration needs to be modified, and if so, update it.

#### A revision may be considered if:

- > A significant change has been made to the production
- > You would like to add a new product to your declaration (FDES or PEP)
- > Your declaration was made in an old format or is about to expire.

### CUSTOMIZED GUIDANCE AND INTERNATIONAL EXPERTISE

You want to evaluate or promote the environmental characteristics of your products?

#### Customized service that can include:

- > Feasibility study: prior to drafting an environmental declaration
- > Identification of the company's environmental communication strategy
- > Life Cycle Assessment (LCA) of the products, processes and services
- > Critical review of your LCA
- > Eco-design: identification of your main environmental impacts contributors
- > Translating and ensuring compliance of your environmental declarations made through another European program.

## A dedicated team

A pioneer in product environmental declarations, the CSTB offers stakeholders its experience of more than 10 years and renowned know-how. The CSTB is developing its organization with a dedicated team in charge of the environmental assessment of building products and equipment: a team of experts accredited to check FDES\* is now in place within the Environmental Performances Laboratory.



# Environmental declarations: a major advantage for manufacturers

## WHAT IS AN ENVIRONMENTAL DECLARATION?

> An environmental declaration (DE) provides quantified information on the environmental characteristics of

**building products and equipment.**

> For **construction products**, the environmental declaration can be supplemented with information on health characteristics, in which case it becomes an FDES (Environmental and Health Declaration Datasheet). For **technical equipment**, the term used is PEP (Product Environmental Profile).

> It is based on the **Life Cycle Assessment (LCA)** of the product or equipment (see graphic: Life Cycle of Building Products or Equipment).

> When environmental claims are associated with the marketing of building products or equipment, **the entity which markets them is responsible for drafting the environmental declaration.**

## WHY DRAFT ENVIRONMENTAL DECLARATIONS?

### > Product scale

When drafting environmental declarations, **you promote** your building products and equipment to consumers. Environmental declarations provide **clear, precise, reliable information**, assessed in accordance with standardized methods.

Drafting environmental declarations gives you access to quantified data to identify how your products and equipment can be **improved in environmental terms**, within the context of an eco-design process and **reduction of environmental impacts.**

### FIND OUT MORE

**Find out more about our services on our website:**

[www.evaluation.cstb.fr/declarations-environnementales](http://www.evaluation.cstb.fr/declarations-environnementales)

**Find regulatory information:**

[www.developpement-durable.gouv.fr/La-declaration-environnementale](http://www.developpement-durable.gouv.fr/La-declaration-environnementale)

### CONTACT

**Environmental Performances Laboratory**

**Pierre Ravel**

> [lpe@cstb.fr](mailto:lpe@cstb.fr) > Tél : +33 (0)4 76 76 25 25

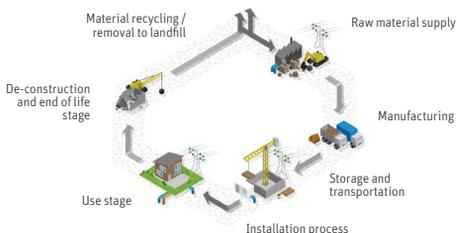
### SCIENTIFIC AND TECHNICAL CENTER FOR BUILDING

24, rue Joseph Fourier – 38400 St Martin-d'Hères

Tel: +33 (0)4 76 76 25 25 – [www.cstb.fr](http://www.cstb.fr)

Headquarters > 84 avenue Jean Jaurès – Champs-sur-Marne – 77447 Marne-la-Vallée cedex 2  
MARNE-LA-VALLÉE / PARIS / GRENOBLE / NANTES / SOPHIA ANTIPOLIS

## Life cycle of building products or equipment



## > Building scale

Environmental declarations improve the **visibility** of your building products and equipment with respect to project owners and architects. They use declarations to make environmental design choices on the scale of a building, by consulting the INIES database or with the use of design tools that incorporate environmental declarations into their operations.

Architects and project owners can choose from over **35,000 commercial references currently covered** by environmental declarations, available on the INIES database.

Drafting your environmental declarations will significantly facilitate and open up access to buildings certifications and labels such as **LABEL ENERGIE-CARBONE, HQE, BREEAM, LEED and BBCA**, by highlighting the environmental characteristics of your products and equipment.

## WHERE CAN YOU FIND ENVIRONMENTAL DECLARATIONS?

> Environmental declarations for the French market are referenced on the French regulatory authority's website: **[www.declaration-environnementale.gouv.fr](http://www.declaration-environnementale.gouv.fr)**

> Their content, as well as health-related information, can be viewed free of charge on the French INIES database: **[www.inies.fr](http://www.inies.fr)**