



French EPD programme based on National Standards

François Boucher

afnor

NORMALISATION



An international services organization structured around 4 major sectors of expertise:

Standardisation

Publishing
solutions
and
information
services

Training
&
Consultancy

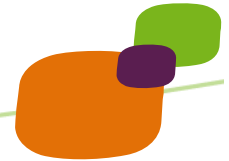
Evaluation
and certification

Particularity: The standardisation and standards dissemination mission is recognised as being in the public interest (Decree of 1984)



- **2001** : First French common PCR for all construction products.
 - ◆ XP P01-010 (about 60 EPD were published, named FDES).
- **2004** : The experimental standard becomes the NF P01-010 standard.
- **2004** : Decision to create the INIES database to diffuse construction products EPDs.
- **2006** : Creation of the AFNOR EPDs programme for independent third party verification of EPDs (not mandatory).

French EPD programme



Declaration

New EPD
Or revised EPD

Collective

Individual

Verification

Verification process

1. admissibility of the EPD

2. Verification by an independent and accredited verifier.

3. *Registration of the EPD*

Publication

Verified EPD

Publication on the Afnor web site

Publication on the INIES DataBase by owners

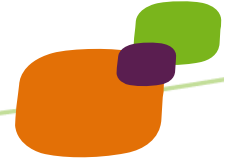


- **The French reference database, public and free (for registration and access) for Environmental Declarations of Building Products (EPDs) in line with a unique PCR for all products:**
 - ◆ More than 700 EPDs (20% collective) covering :
 - More than 9000 products.
 - ◆ About 160 verified EPDs (verification is not mandatory until January 2017).



www.inies.fr

Factor impacting the French EPD programme (1)

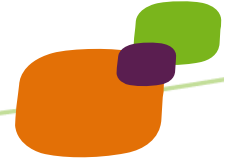


- **January 2012: publication of EN 15804**

- ◆ According to CEN Rules:

- European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, within the 6 months from the publication.
- Withdrawal of standard on the same subject (i.e. NF P01-010) or to cancel the clauses in conflict with EN 15804.

Factor impacting the French EPD programme (2)

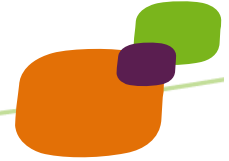


- **Development of a national addition to EN 15804:2012**

- ◆ Main objectives of this national addition to EN 15804:

- **Maintain clauses from NF P01-010 not covered by EN 15804.**
- **Provide consensual interpretations and clarification EN 15804:2012.**
- **Provide more specific rules when necessary.**
- **Provide a list of characterization factors for the calculation of impacts.**
- **Provide a framework for the validation of collective EDPs.**

Factor impacting the French EPD programme (3)



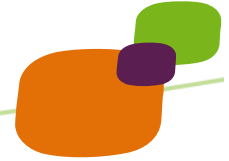
- **Future regulatory decree on EPD regarding the environmental declaration of construction and decoration products and electrical, electronic and HVAC equipment**

- ◆ **Main objectives of this decree:**

- **To inform consumers of the environmental impacts of construction products.**
- **To provide unbiased information.**
- **To encourage manufacturers to reduce the environmental impacts of their products.**

- ◆ **Publication date (to be confirmed) : End of the year 2012.**

Impacts on the French EPD programme



- **Need to update the EPD programme:**
 - ◆ **Format of EPD declaration.**
 - ◆ **Accreditation of the verifiers (e.g. knowledge of EN 15804 and National addition).**
 - ◆ **Necessary update of the current EPD according to the willingness of the manufacturer:**
 - What to do with existing one based on the old PCR (NF P01-10)?
- **Positive impact of the regulation due to the obligation in 2017 to have only verified EPD.**

Impacts for the manufacturers



- **Until July 2013 :**
 - ◆ There is no legal requirement about EPD on construction products in France.

- **After July 2013** (date to be confirmed),
 - ◆ All manufacturer that want to communicate about environmental aspects shall provide an EPD respecting regulation requirements (compliance with EN15804 (core PCR) and NF EN15804/CN).
 - ◆ Cost of Review the existing EPDs according to EN 15804 and NF EN 15804/CN.

- **After July 2017** (date to be confirmed),
 - ◆ all EPD shall be verified.



**Thank You
For Your Attention**