

DAPHABITAT – National System of Environmental Product Declaration Registration for the Habitat

António Baio Dias
Sustainable Construction Platform
Managing entity of *Sustainable Habitat Cluster*

- **DAPHabitat System**
- **Product Category Rules**
- **Environmental Product Declaration**
- **Activities**

National System of Environmental Product Declaration Registration for the Habitat (www.daphabitat.pt)

Objectives:

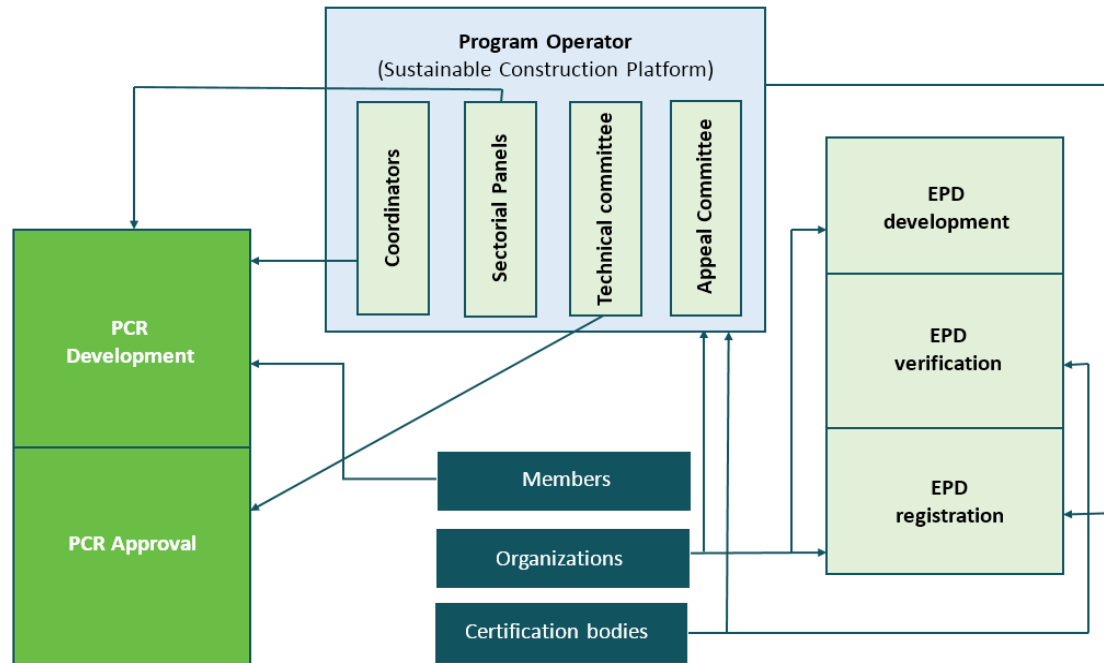
- Create and manage a **registration program of environmental product declarations**, for products of the Habitat involved in the habitat value chain;
- Promote the development of DAPs for habitat products;
- Develop **PCR** (Product Category Rules) for products in the habitat value chain;
- Stimulate the development of products with a more **sustainable environmental performance**;
- Provide companies, designers, manufacturers, among others, a tool for communicating environmental performance for the **selection and manufacture of environmentally sustainable products**;
- Provide public and private entities with a **proof and decision tool** in "Ecological or Sustainable Procurement";
- Provide companies with better competitive capacity in an export environment;
- Interconnection with the European network (ECOPlatform).

Advantages:

- Sustainability as a value and element of differentiation in the market;
- Appreciation of products based on objective criteria (combating greenwashing);
- Elimination of possible exportation barriers in demanding markets.

DAPHabitat System Structural Organization

Program Operator: The Sustainable Habitat Platform is the entity that manage the DAPHabitat System



Coordinators

- Specialists/experts in the LCA methodology and knowledgeable about the requirements and operation of the DAPHabitat System.

Sectorial Panels

- Representatives of companies, business associations or other entities, specialists in a specific product category.
- Participation in consultation mechanisms and processes of PCR development, which determine how to perform an LCA study, necessary to develop an EPD.

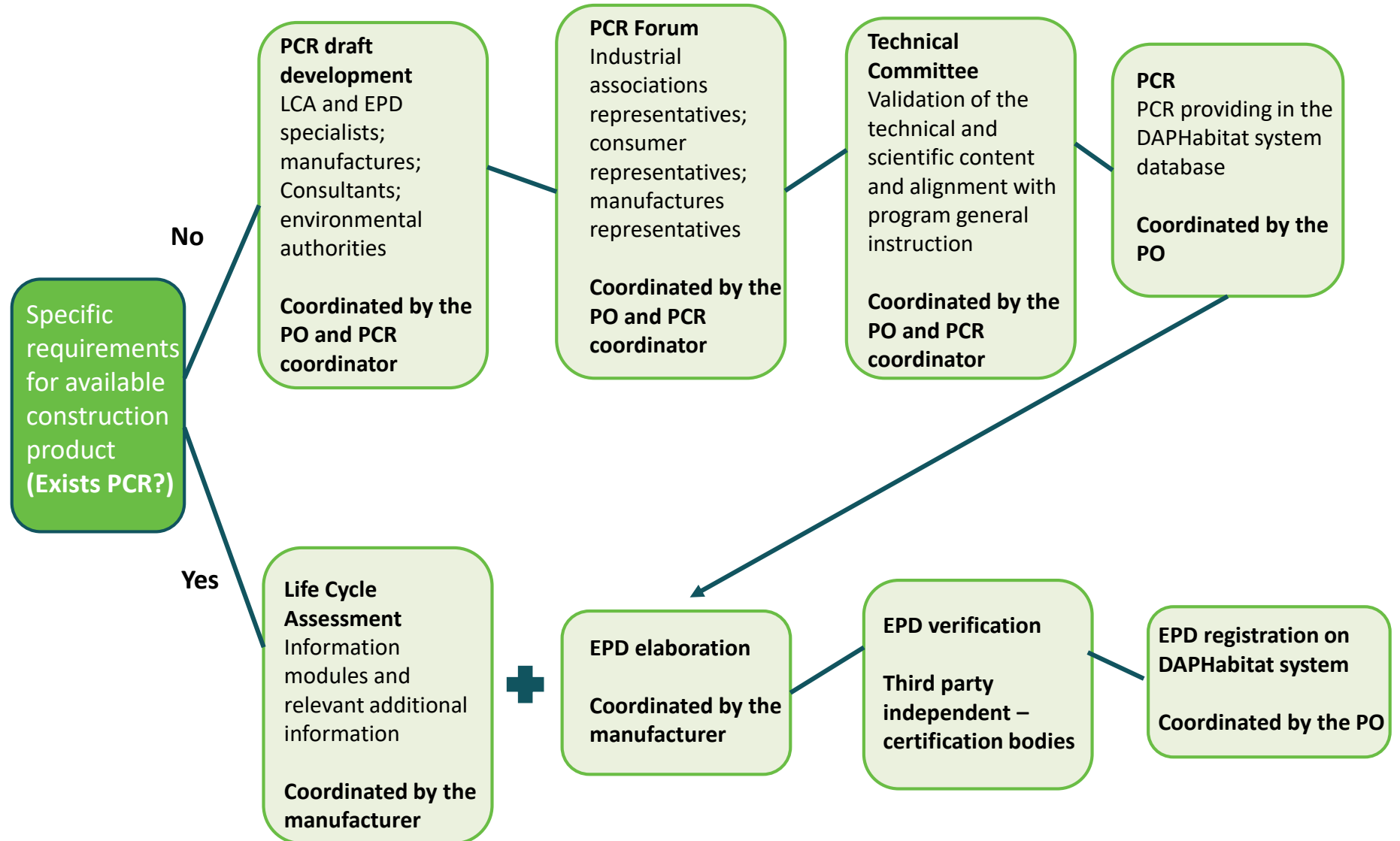
Technical Committee

- Group of technical experts in LCA and with specific skills in various sectors of the habitat.
- Technical and scientific assistance to the registration program on issues related to PCR, DAP and LCA.
- Approval and validation of developed PCR and review panel.

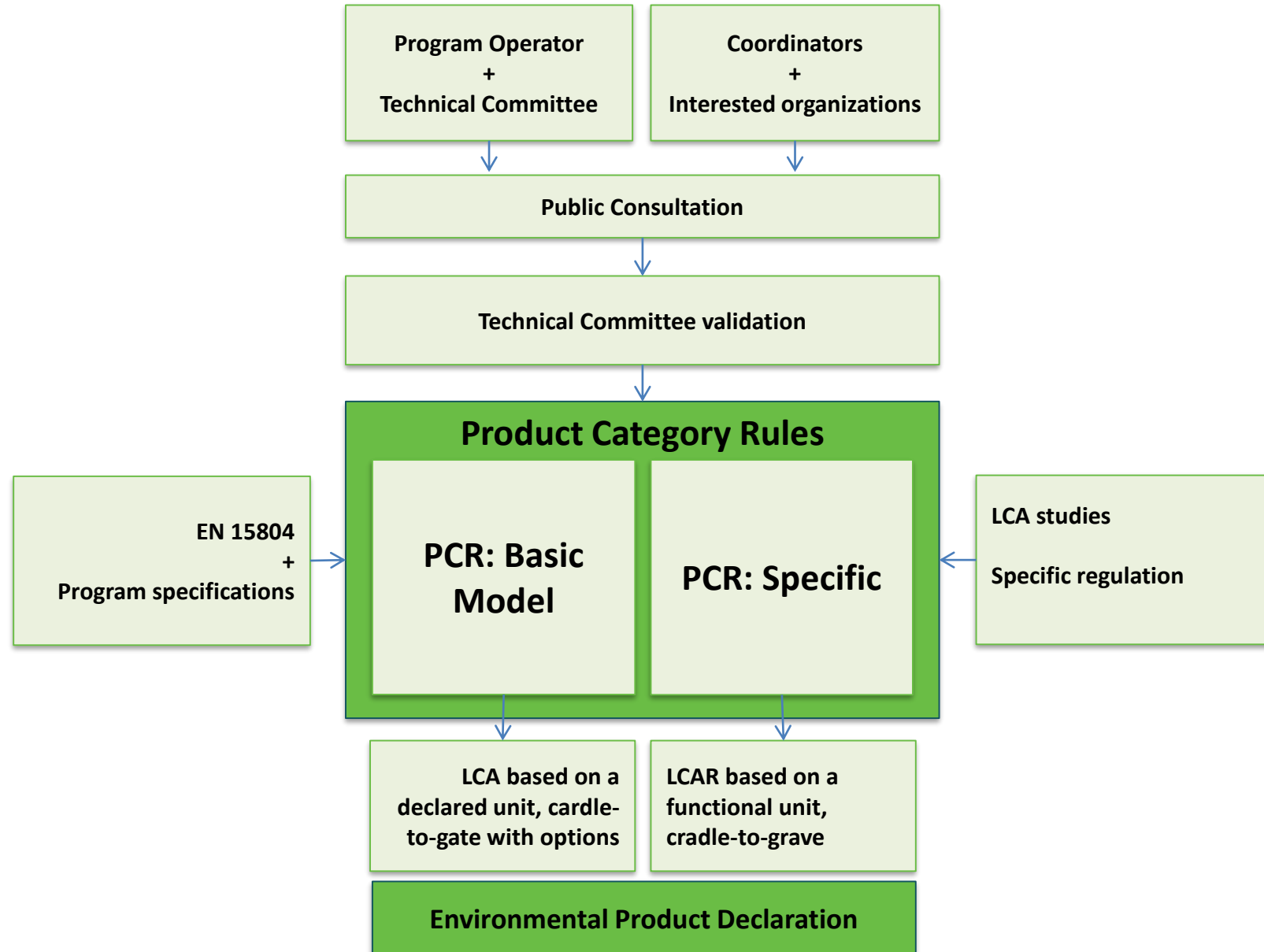
Appeal Committee

- Assists in case of complaints or appeals regarding the decision of the DAP verification performed by the certification bodies.
- Constituted according to the scope of the complaint.

DAPHabitat System Operation



PCR Elaboration Methodology



Environmental Product Declaration (EPD)

EPD

- Verifiable, objective and accurate **communication tool** for information on the **environmental performance** of a product or service throughout its life cycle, presented in quantifiable form;
- EPD's are developed according to the **Product Category Rules**;
- Based on a **Life Cycle Assessment (LCA)**, which is a methodology for compiling input and output of mass and energy flows and assessing the potential environmental impacts associated with a product or process throughout its life cycle (ISO 14040/ISO 14044);
- Type III environmental declaration, according to the classification of ISO 14025, is subject of a verification process by an independent third party, ensuring its **scientific validity**;
- Subsequently, they must be registered in an EPD registration program and validated/certified.

Content:

General information - company and product

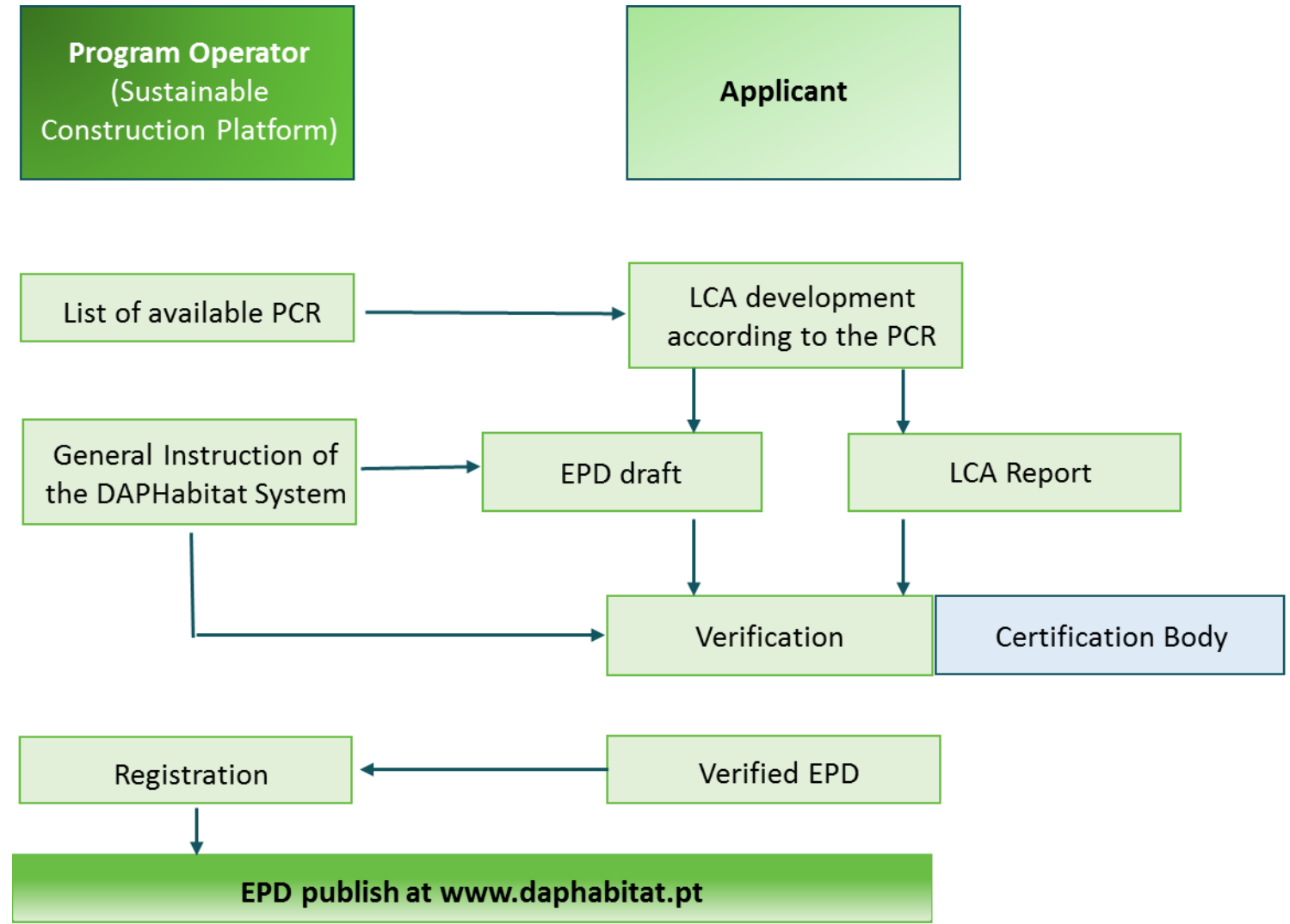
Environmental parameters from the LCA (declaration of LCA information per module, environmental impact parameters, resource use parameters, other environmental information for different categories of waste and output streams)

Scenarios and additional technical information

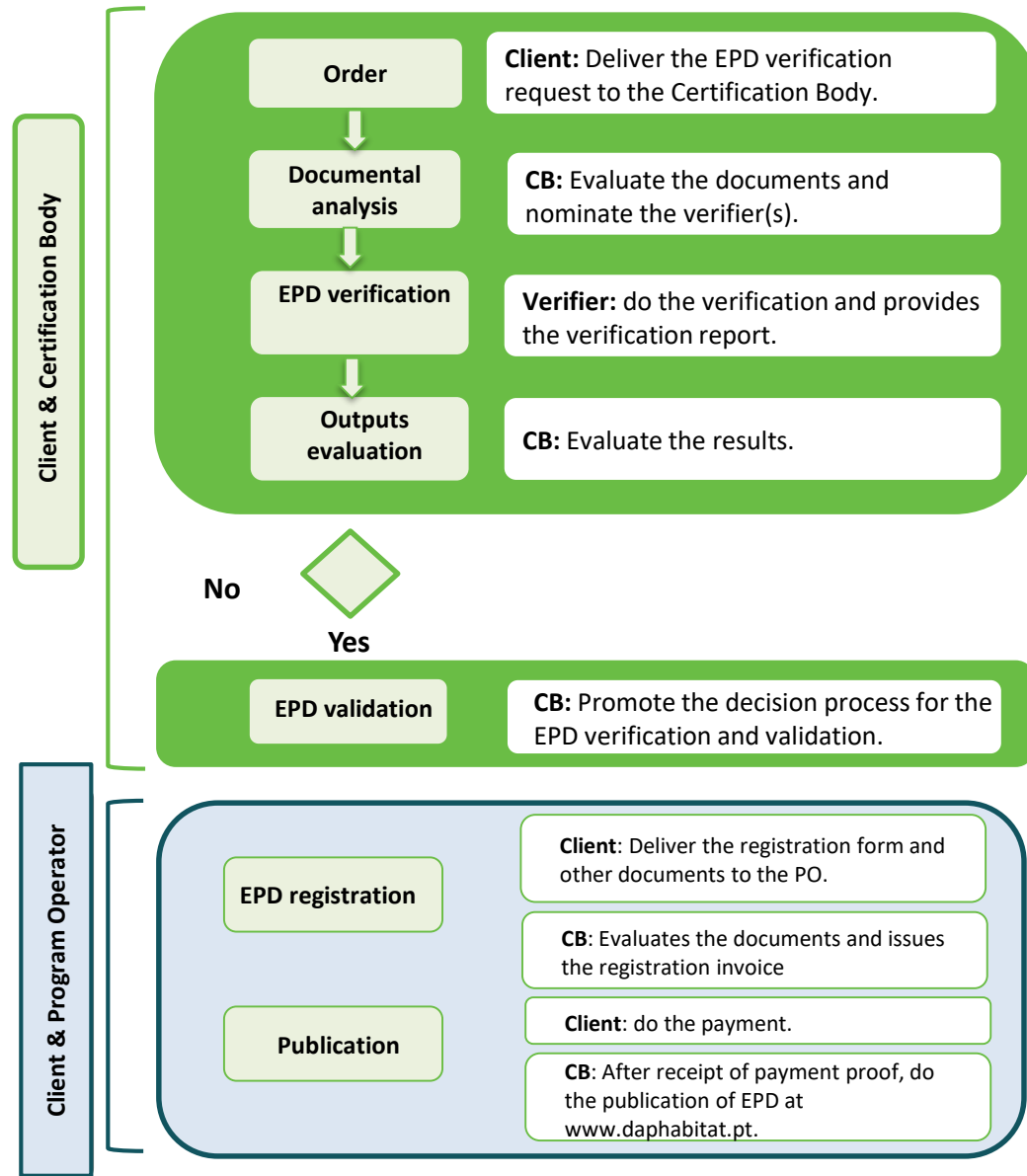
Further information on the release of dangerous substances into the air, soil and water during the use stage

Aggregation of module information

EPD Methodology



EPD Registry and Verification




Published EPD


DAPHabitat Registration Number	ECO Platform Registration Number	Name	Manufacturer
DAP 001:2015	00000336	Insulation Cork Board (ICB)	Sofalca - Soc. Central de Produtos de Cortiça, Lda.
DAP 002:2015	00000337	WEBER.THERM KAL	Saint-Gobain Weber Portugal, S.A.
DAP 003:2015	00000338	WEBER.REV NATURKAL	Saint-Gobain Weber Portugal, S.A.
DAP 001:2016	00000339	WEBER.THERM NATURA	Saint-Gobain Weber Portugal, S.A.
DAP 002:2016	00000464	Expanded Insulation Corkboard (ICB)	Amorim Isolamentos, S.A.
DAP 003:2016	00000465	Expanded Cork Granules	Amorim Isolamentos, S.A.

DAPHabitat System **ENVIRONMENTAL PRODUCT DECLARATION**
[according to ISO 14025, EN 15804:2012+A1:2013 and EN 15942]

www.daphabitat.pt



Registration Number: DAP 001:2015





ECO EPD registration number: 00000336

Insulation Cork Board (ICB)/ Thermal Insulation


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SOFALCA - SOC. CENTRAL DE PRODUTOS DE CORTIÇA, LDA.





SOFALCA

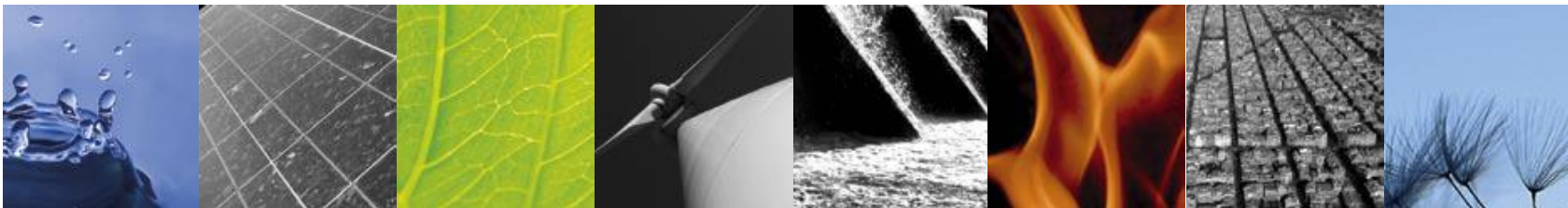


centroHabitat
Realizações para a Construção Sustentável

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Conclusions

- The National System of EPD Registration in Portugal allows to create a dynamic of development of the environmental information of the products.
- The content of an EPD can be used to evaluate the sustainability of the construction and as an ECO-INNOVATION tool.
- EPD's will be the basis for any building sustainability assessment system.
- EPD's can improve the competitiveness of domestic products manufactured for habitat.
- EPD's are a facilitating tool for exporting national products to markets that are sensitive to the environmental performance of products.
- International integration in ECO Platform will allow the mutual recognition of EPD's across borders.



dap 
habitat

DAPHabitat
www.daphabitat.pt
deptecnico@centrohabitat.net

Victor Ferreira

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