



Construction sector



TIC Council and Sustainability Process Certification scheme

Sustainability Process Certification is a certification scheme developed by TIC Council. This program is aimed at companies seeking to streamline their environmental data management for later data uses such as environmental claims, Environmental Product Declaration (EPD) verification or corporate reporting. Following the initial certification, the use of this data should be streamlined for many uses.

This certification scheme aims at certifying or standardising different internal data streams following the LCA methodology. This can include environmental data (emissions, resource use), laboratory and analytical results, packaging information, and datasets supporting sustainability or labelling claims. For the certified company, it has clear Business-to-Business advantages, as well as Business-to-Consumers. It allows for a mutual recognition among verifiers of the data to streamline compliance and external verification.



Sector-specific context and challenges

Considering the needs of construction companies to manage and sort the environmental data of their products and supply chains, for companies in the construction sector, this certification can support with the following challenges:

1. Complexity of data collection:

- a. Complex supply chains and multiplicity of sites
- b. Data gaps from suppliers
- c. Quality and traceability of data, fitting with LCA needs

2. Methodologies and standards:

- a. Complying with EN 15804 may be hard (especially for small teams)
- b. Selection of the functional unit, system boundary and allocation may be hard, and different LCA/EPDs may use different assumptions

3. Compliance with regulatory requirements

4. Compliance with regulatory requirements

- a. Green claims communication and avoiding unfair commercial practices

5. Expertise and time needed:

- a. Sometimes teams need to be reinforced with external consultants
- b. In any case, the teams need to invest weeks or months to develop all the requirements

6. Internal management:

- a. Development of data governance processes, involving different teams
- b. Continuous updating of these processes

Sustainability Process Certification will consider the global and national needs of companies to use the data when drafting the parameter of the certification.

While not exhaustive, the main global regulatory and non-regulatory needs of the construction sector for demonstrating product performance against environmental rules and programs are summarised on the following pages.

GLOBAL

<p>Environmental Product Declarations (EPD)</p>	<ul style="list-style-type: none"> • (Type III) Third-party verification • Development of a LCA covering raw materials, production, transport, use, end-of-life, verified/recognised calculation LCA tool • Verified EPD report • Registration in a recognised EPD programme
<p>International labels</p>	<ul style="list-style-type: none"> • Blue Angel, China Environmental Labelling, TCO Certified, EPEAT, FSC
<p>(Voluntary) Claims and KPI reporting</p>	<ul style="list-style-type: none"> • Based on strong LCA or EPD processes.

EUROPEAN UNION

<p>EU Construction Products Regulation (CPR) (Regulation 2024/3110)</p>	<ul style="list-style-type: none"> • Compulsory for every product: <ul style="list-style-type: none"> ◦ CE marking, proving conformance with harmonised standards (hEN) or European Assessment Documents (EADs) ◦ Declaration of Performance and Conformity (DoPC with the product's essential characteristics and sustainability requirements) • System of Assessment and Verification of Constancy of Performance (AVCP) • CE Certificate by Notified Body (NB) if necessary (System 1, 1+, 2, 2+) • Maintain technical documentation, initial test reports, factory product control, instructions of installation, use and maintenance requirements • Other requirements
<p>Ecodesign for Sustainable Products Regulation (ESPR) (Regulation 2024/1781)</p>	<ul style="list-style-type: none"> • Information about: Design, recyclability, durability, recycled content • Digital Product Passport (DPP): <ul style="list-style-type: none"> ◦ Content: CE (CPR) and EPD data, material composition, end-of-life information, repair or reuse instructions, and sustainability indicators ◦ It must be shown in an interoperable digital format
<p>Claims and labels, Empowering Consumers for the Green Transition Directive (Directive 2024/825)</p>	<ul style="list-style-type: none"> • EU Ecolabel • ECGT requires companies to substantiate their verifiable claims, with a strong data management system to ensure accuracy and auditability of product information • Future Green Claims Directive
<p>Classification, labelling and packaging of chemical substances (CLP) (Regulation 2024/3110)</p>	<ul style="list-style-type: none"> • Classification, labelling, and packaging of substances and mixtures used in construction products if those substances and mixtures are hazardous

Benefits of Sustainability Process Certification

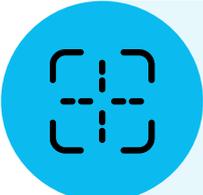
This certification can bring companies in the construction sector the following benefits:



Streamline the subsequent EPD verifications



Harmonise and standardise internal data management system when it comes to the different LCA/EPD scopes, adapting to the company's perimeter and operations. One (same) system for all data uses



Harmonise internal Life Cycle Assessment (LCA) methodologies and standards (for one or several construction products)



Ensure that a harmonised product traceability, structured documentation, and lifecycle visibility process are in place



Harmonise internal methodologies for Digital Product Passport (DPP) reporting compliance for construction products



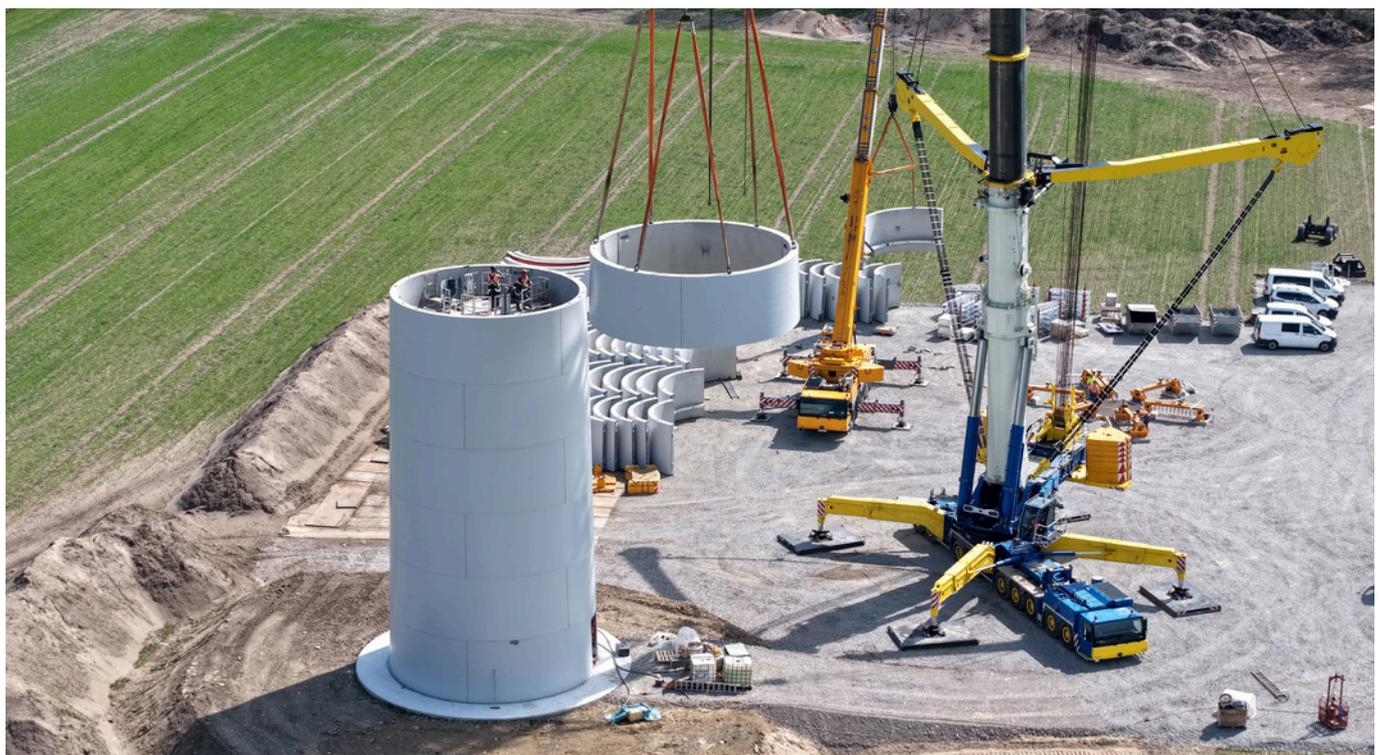
Streamline the CE marking internal processes



Streamline internal and/or external KPI reporting verification process about environmental matters



Save time and money for the company, and the use of dedicated professionals to standardise the internal methodologies





The process to achieve Sustainability Process Certification

- 1. Selection of a participating Certification Body in the program.**
- 2. Application & Quotation:**
 - a.** The applicant shall complete, sign and send the Application Form to the Certification Body.
 - b.** The Certification Body will then provide the related certification offer, certification scope, certification plan, timing and information about the allocated resources and the quotation for the service. The Certification Body will agree with the company the perimeter of the certification. The perimeter includes all the different needs that the company has for the data, including ulterior verifications, labels, environmental declarations, green claims, environmental programs and regulatory compliance. The certification and cost will be then adapted to the needs of the company.
- 3. Evaluation:** Assessment of the data management system of the applicant and the implementation of the process.
- 4. Review:** The results of the evaluation are reviewed by the Certification Body to ensure that all the requirements of the certification program are fulfilled.
- 5. Decision and issuance of the initial certificate:** If the review is positive, the Certification Body issues the certificate.
 - a. Example:** “Sustainability process Certification for XYZ”
 - b.** The certificate is valid for three years, with annual revisions to ensure continuous compliance.



Faster compliance
Reduced bureaucracy
Scalable solutions



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