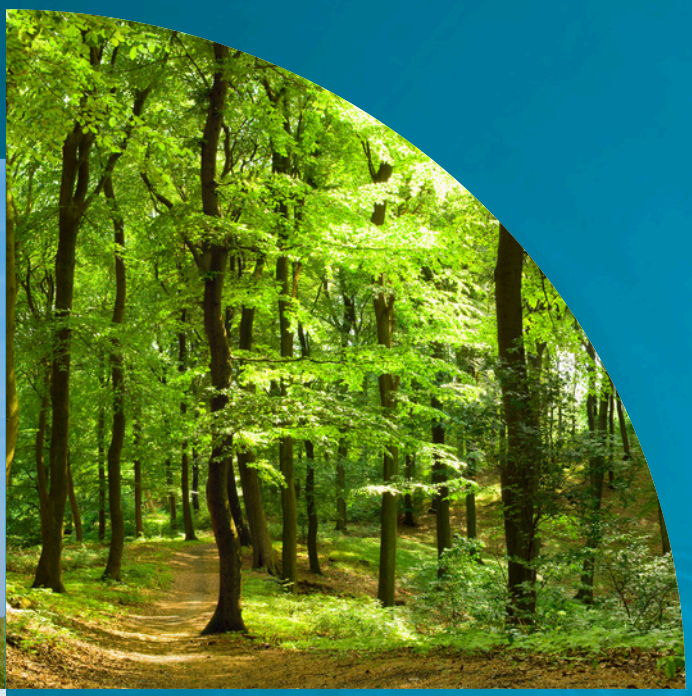
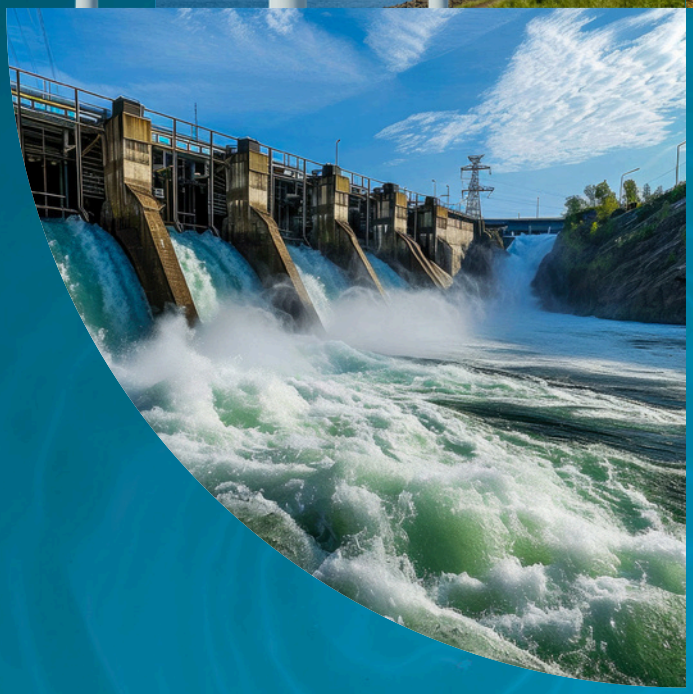




SUSTAINABILITY PROCESS CERTIFICATION BY TIC COUNCIL

Chemical sector

January 2026

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

1. Complexity of data collection:

- **a.** Complex supply chains and multiplicity of sites
- **b.** Multiple reporting systems and duplicate data entries
- **c.** Need for automated data collection, classification, label generation and data consistency checks
- **d.** Data gaps from suppliers
- **e.** Quality and traceability of data, fitting with LCA needs

2. Compliance with changing regulatory requirements

3. Marketing challenges:

- **a.** Environmental claims communication, Ecolabel certification

4. 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

5. 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 chemicals sector for demonstrating product performance against environmental rules and programs are presented on the following pages.

Regulation/Program/Service	Chemicals sector needs / Certification-Verification services
EUROPEAN UNION	
REACH (Registration, Evaluation, Authorisation, and Restriction)	• Compulsory registration of chemicals and safety data • Reporting of information, tonnage, exposure scenarios, and risk management measures • Substance Information Exchange and ECHA submissions to complex reporting databases (IUCLID, REACH-IT)
CLP (Classification, Labelling, Packaging)	• Hazard classification and correct labelling of chemical products
SEVESO (Industrial Emissions Directive)	• Reporting for high-risk facilities on accident prevention, emissions, and safety management
REACH (Registration, Evaluation, Authorisation, and Restriction)	• Compulsory registration of chemicals and safety data • Reporting of information, tonnage, exposure scenarios, and risk management measures • Substance Information Exchange and ECHA submissions to complex reporting databases (IUCLID, REACH-IT)
SEVESO (Industrial Emissions Directive)	• Reporting for high-risk facilities on accident prevention, emissions, and safety management
EU Waste Framework, E-PRTR	• Annual reporting on emissions, waste, and resource use
Fertilizing Products Regulation (FPR) 2019/1009	• Establish rules for the placing of fertilizing products on the EU market • Sets out compositional requirements, labelling, compliance procedures and the responsibilities of manufacturers, importers and distributors

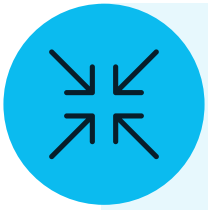
Ecodesign for Sustainable Products Regulation (ESPR) (chemicals to be prioritised in the Working Plan 2025- 2030)	• Information about design, recyclability, durability, recycled content
	• Digital Product Passport (DPP):
	  ◦ Content: CE (CPR) and EPD data, material composition, end-of-life information, repair or reuse instructions, and sustainability indicators
	  ◦ It must be shown in an interoperable digital format

CSRD (Corporate Sustainability Reporting Directive)	• Report environmental impacts, GHG emissions, water, circular economy metrics
Claims and labels, Empowering Consumers for the Green Transition Directive (2024/825)	• 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

Regulation/Program/Service	Chemicals sector needs / Certification-Verification services
GLOBAL	
Environmental Product Declarations (EPD)	• (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
International labels	• Blue Angel, China Environmental Labelling, EU Ecolabel
(Voluntary) Claims and KPI reporting	• Based on strong LCA or EPD processes.
UNITED STATES	
TSCA (US Toxic Substances Control Act)	• Inventory, reporting, risk evaluation & management and record keeping
California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act)	• Chemical list, warning requirements, discharge control, documentation
ASIA	
China REACH	• Notification and registration, information requirements, volume-based reporting and review & approval
K-REACH (South Korea)	• Registration, data submission, notification, authorization & restriction

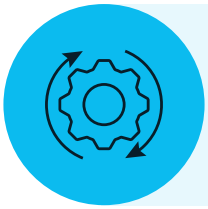
Benefits of Sustainability Process Certification

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



Streamline data collection, data submission and aggregation from plants, emissions calculators and submission templates

Harmonise and standardise internal data management system when it comes to the different SDS generation and exposure & risk calculations, adapting to the company's perimeter and operations. One (same) system for all data uses



Automated classification, label generation, and data consistency checks

Streamline internal and/or external KPI reporting about environmental matters

Consolidate emissions data, safety metrics, and regulatory reports

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

TIC COUNCIL

TIC Council
Rue du Commerce 20-22
B-1000 Brussels
Belgium
spc@tic-council.org
+32 2 880 21 37

Visit us online