

ENVIRONMENTAL PRODUCT DECLARATION

Turnkey Service for EPD Publication

SCS has served as a global leader in third-party environmental and sustainability verification, certification, auditing, testing, and standards development since the 1980s. We were an early pioneer in life cycle impact assessment (LCIA) and in the development of environmental reporting tools for products based on LCA and today feature one of the oldest and largest EPD programs in North America.

SCS Consulting Services offers a complete turnkey package for managing every aspect of the EPD process. This includes conducting the Life Cycle Assessment (LCA), preparing the EPD, and coordinating external reviews by internationally recognized experts.

What is an EPD?

An Environmental Product Declaration (EPD) is an objective report that transparently communicates what a product is made of and how it impacts the environment, based on the findings of a life cycle assessment (LCA). Once verified by a third-party, an EPD opens the door for your product to earn credits for green building rating systems like LEED v4.1 and LEED v5, satisfy architect and designer needs, and meet government procurement specifications.

LCAs measure potential environmental impacts such as:



Climate Change



Acidification
(acid rain)



Smog Formation



Eutrophication
(a type of water pollution)



Ozone layer
depletion

The LCA must be conducted according to a set of **Product Category Rules (PCRs)**. This allows comparability for products in the same category. The PCR outlines the boundary and stages that must be accounted for in the LCA, which can include some or all of the following components: raw material extraction, manufacturing, transportation, use and maintenance, and end-of-life disposal. The two most common components are:

- Cradle-to-Gate – Raw material extraction through to final manufactured product
- Cradle-to-Grave – All stages, raw material extraction through end-of-life disposal

Credible LCAs conform to international standards such as ISO 14044, ISO 14025, and ISO 21930 (for building products). EPDs must be published and publicly listed on a recognized EPD program.

EPD Development Steps



Why publish an EPD?

EPDs are robust transparency documents that detail a product’s environmental information. They contribute to credits in LEED® v4.1 and other green building schemes, so they help products gain visibility with specifiers working on sustainable projects. EPDs are increasingly required for government, school, and higher education projects. EPDs are also used to compare carbon intensity of products in a given category so specifiers can work to lower embodied carbon in buildings.

The SCS Advantage

Founded in 1984, SCS brings over 40 years of sustainability experience across every sector of the economy. SCS has prepared and published EPDs for companies around the globe including in countries from North America, Europe, the Middle East, and Asia. **Contact SCS today to simplify your EPD journey.**



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