

Sustainable Construction  
and Infrastructure with Environmental Respect

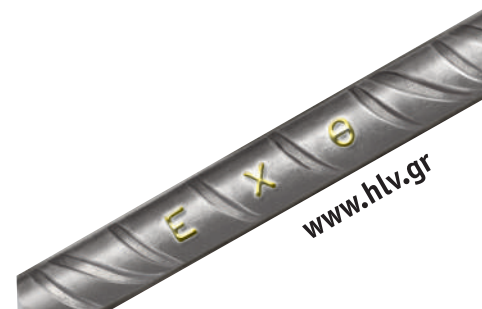


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HLV, a pioneer company in innovations, remains committed to the principles of sustainable development and the strategic goal of continuously minimizing its environmental footprint.



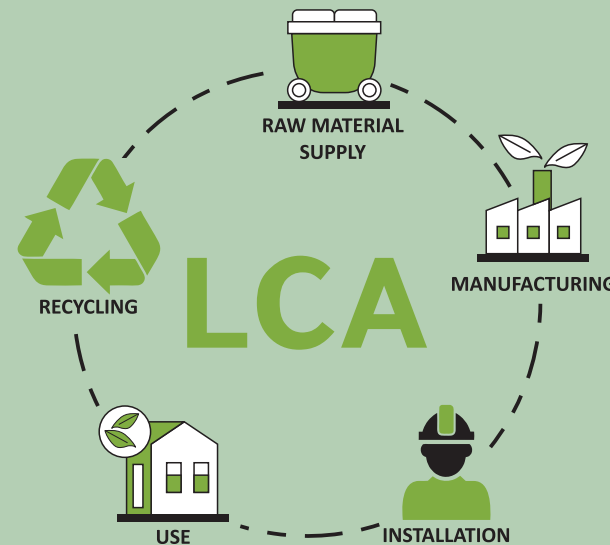
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### What does LCA mean?

Life cycle assessment (LCA) provides the most recognized method for quantifying the environmental impacts of products, processes and/or systems.

It shows the environmental impact of a product throughout its life cycle, including raw material extraction, material production, manufacturing, use and end-of-life processing. The LCA process is performed according to ISO 14040 and 14044.



### What does EPD mean?

The Environmental Product Declaration (EPD) is a comprehensive assessment of the environmental impact arising throughout the life cycle of a product which is validated and registered in the **International EPD® System**.

The EPD provides a transparent and comparable data on each product's life cycle analysis (Life Cycle Assessment-LCA) and its a certified environmental footprint from the extraction of raw materials to their final disposal, under the international standards ISO 14025 and EN 15804.

The Hellenic Halyvourgia's Environmental Product Declaration (EPD) was prepared by the company SustChem Consulting and published in the registry of the recognized body The International EPD® System ([www.environdec.com](http://www.environdec.com))

### What information does the EPD provide?

- ✓ Brief description of the manufacturer products,
- ✓ Technical information about the product features,
- ✓ Analysis of its life cycle (Life Cycle Assessment, LCA)
- ✓ Its environmental performance and
- ✓ Details of the life cycle analysis as well as information on the certification body and independent verifier.

### What are the benefits of EPD-certified products?

- ✓ They provide insightful and reliable tools to designers, manufacturers and construction end users.
- ✓ They strengthen and accurately document the data that lead to a better evaluation of the entire construction or project (e.g., through environmental certification evaluation systems such as LEED, BREAM, WELL, etc.).
- ✓ They offer a comparative competitive advantage in the constructions segment, focusing on green construction, providing support to select the most sustainable solution and thus adding value to the construction.

The HLV's Environmental Product Declaration (EPD), with regards to its high-quality and durable products, is part of the company's complete alignment with European and global standards that promote sustainable development with a positive environmental and social impact.

Through its manufacturing processes, its products and services as well as its overall social and business activities, HLV actively confirms its contribution in shaping a sustainable future.