LCA Services for Industry

Reduce the environmental footprint of your products
LCA and EPD Services

Life cycle assessment leads to product improvements and a better position for suppliers in today’s sustainability-driven marketplace. As the North American leader in LCA for construction products, we will help you meet your sustainability objectives.

ADD LCA TO MANUFACTURING DECISIONS

LCA is a powerful tool for testing and validating sustainability measures throughout the product value chain. We’ve done hundreds of ISO-compliant LCA studies for construction materials and have earned our reputation for best in class. Our clients value the maximum credibility our work provides, and they appreciate the cost-effective way we deliver it. We’ll help you find “hotspots” in existing products, experiment with new product formulations, or aim for publishing results in an EPD. We can also provide clients with key performance indicators to show how they benchmark against industry peers.

PUBLISH AN EPD

An Environmental Product Declaration (EPD) is a summary of an LCA report, and architects are looking for products that have one. We work with all North American EPD program operators plus the International EPD® System and are highly experienced with both manufacturer-specific and industry-average EPDs.

PCR DEVELOPMENT

We have a long history in developing product category rules (PCRs) for the construction industry, in partnership with all the major EPD program operators. We also serve on stakeholder committees and chair review panels.

INCLUDE YOUR PRODUCTS IN OUR SOFTWARE

Many construction-industry manufacturers want their product data integrated into our popular LCA software tools for buildings and pavement.

GET A THIRD-PARTY REVIEW

When an external set of expert eyes is needed, turn to us for peer review of LCA studies and PCRs, and verification of EPDs prepared by other parties.

SOFTWARE TOOL DEVELOPMENT

We can create custom software for visualizing and exploring LCA results.

Why we need your support

The Athena Sustainable Materials Institute is a non-profit research group that advocates for environmental performance measurement and accountability in the built environment. We are the North American leader in LCA for construction and its materials and have been providing ground-breaking research and free resources since 1997.

Help us continue to provide our public service by joining the Athena Institute as a member or a donor.

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