

Winning the Bid: Benefits and Competitive Advantages of EPDs

Case Study | STIFERITE & Sphera

Goals Achieved

- Obtained EPD certifications autonomously and swiftly so to be able to promptly respond to bid specifications and market requests
- Created bigger opportunities participating in public bids and building projects which require building certification
- Generated LCA studies on the entire product range with the use of a user-friendly tool for the analysis of the life cycle, in addition to the evaluation of process and product improvement scenarios
- Opened new communication opportunities along the entire supply chain through transparent, credible and effective messages
- Improved market position through transparent declarations of environmental impacts of the entire production chain

Cost Benefits

- Significant reduction in costs associated with the development of certified EPDs
- Ability to analyze products in terms of cost / benefit ratio of environmental sustainability
- Increased profit deriving from the participation in bids, thanks also to the ability to provide EPDs

Sphera's Contribution

...created an automated tool: the EPD creator for the generation of EPDs in autonomy without specific LCA skills

...used tools to support the project: Software GaBi ts and GaBi Envision, GaBi databases

...facilitated effective project management through expert consulting service

...identified hotspots and improvement strategies

...provided an EPD tool always updated to the latest scientific, technological and regulatory developments

EPD Creator: A Tool for the Rapid, Independent Generation of EPDs

"Sphera's strength is its mastery of databases and being at the forefront of regulatory development, in constant dialog with program operators. Sphera has provided us with a very knowledgeable advisory service, which has made it easy for us to achieve the project objectives that immediately benefited the company."

Fabio Raggiotto, Technical Manager, Stiferite

About Stiferite

STIFERITE SpA has been the leading company in Italy in the production of polyiso foam thermal insulation since 1963. During its more than 50 years of business, Stiferite has produced over 170 million square meters of insulation panels, contributing to energy savings and the reduction of harmful emissions.

Stiferite thermal insulation panels in polyiso foam have the lowest thermal conductivity values for greater stability over time.

They represent an important evolution in traditional polyurethane foams with significant improvements in mechanical performance, dimensional stability and fire protection properties.

The many types of Stiferite panels, which differ in size, coating and performance, have been developed to best improve the thermal insulation of roofs, walls and floors.



www.sphera.com

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<https://sphera.com/contact-us>

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About Sphera

Sphera is the leading global provider of Integrated Risk Management software and information services with a focus on Environment, Health, Safety & Sustainability (EHS&S), Operational Risk and Product Stewardship. Sphera has advanced Operational Excellence for more than 30 years, serving companies and customers across the globe to create a safer, more sustainable and productive world.