



130 EPDs in One Week – When Quality and Speed go Together

Case Study | Santex & Sphera

Goals Achieved and Benefits Obtained

- Influence on legislation, norms and the market. Santex was able to participate in an active manner in the development of product certification related ISO norms
- Competitive advantage in public bidding
- Autonomous and rapid EPD generation for new products (130 EPDs in a single week!)
- Savings related to a EPD development costs & cost reductions in EPD development
- In-depth understanding of the product life cycle
- Hotspot identification
- Internal LCA competence and greater efficiency in data collection
- Environmental sustainability as a criteria for new products

Sphera's Contribution

- EPD Creator Tool development for autonomous EPD generation without the need for internal LCA competence
- Tool automation with LCA for Experts, LCA Calculator and Managed LCA Content (MLC) databases
- Process EPD Certification supported by the EPD Creator Tool
- User-friendly LCA Tool for evaluation and comparison of product and process improvement scenarios
- Training of the internal "EPD Team," know-how transfer, internal LCA Team training on the product sustainability path, giving Santex the ability to develop internal LCA competency and achieve efficiency in environmental data collection

Process EPD for Increased Independence, Autonomy and Promptness



"When you normally see your product from a sales or commercial perspective, and then you take a step back to break it down according to the different process phases, understanding where you can improve processes, materials, etc., a whole new world opens up. From there you can do whatever you want, because, once you understand the real spirit of LCA, the improvement options are infinite."

Luca Mantovani
Quality System and Certification Manager, Santex Spa

About Santex

Santex SpA plays an important role in the Italian market for the production of medical devices for medication, orthopedics, incontinence, in the provision of pre and post-sales assistance services with home distribution and, starting May 2016, with the production of disposable devices for the operating room (MSO).

In order to improve the energy performance of the company and the environmental impact of its products, Santex has implemented a management system in compliance with ISO

50001 requirements for Energy Management and ISO 14040 and 14044 for LCA (Life Cycle Assessment) and EPD® (Environmental Product Declaration) processes, which Santex actively uses to evaluate, monitor and improve environmental performance.



www.sphera.com

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About Sphera

Sphera is the leading provider of Enterprise Sustainability Management (ESM) performance and risk management software, data and consulting services focusing on Environment, Health, Safety & Sustainability (EHS&S), Operational Risk Management (ORM), Product Stewardship and Supply Chain Transparency.