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Tectonics 5.5: Managing the products' end of life stage


Oberflex France

In partnership with:

With financial support
from the EU



Introduction:

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Type of innovation:

- X Energy
- X Technological
- X Competitiveness

Affection by Sector of the innovative solution:

- X Energy
- X Technological
- X Competitiveness

Company's description:	Manufacturer of decorative panels in laminated wood.
Company's previous status:	Manufacturer of decorative panels in laminated wood.
Innovative solutions:	For its range of suspended TECTONICS 5.5 wooden ceilings, Oberflex has anticipated, from the conception, management of end of life disassembly and easy separation of the 2 materials which can be fully recycled (either by material recycling or reuse).
Way of implementation:	Tectonics 5.5 is a solution that anticipates the management at the end of product life with disassembly and easy separation of the materials (wood or metal) with a view to their rehabilitation. Steel mounting system detaches quickly wooden slabs to enable full recycling of the materials such as metal reuse for ironsmith and energy recovery

	<p>components or manufacturing of new chipboard for wooden slabs. Taking account of the impacts at the end of life of tectonics 5.5 to meet European directives of the waste from construction by 2020. In addition, Oberflex has implemented a VOC reduction approach. In its range tectonics 5.5, the wood laminate and phenol-free veneer and participates in the control of environmental impact.</p>
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Outcomes:

New markets and new products

Conclusions:

Oberflex has seen, through this TECTONIC 5.5 product, a real opportunity for its development and committed itself with three very concrete objectives. Firstly, to build an operational strategy for sustainable development that is an engine of development and creation of value, secondly to train its teams to eco-design and thirdly to develop an innovative product eco-designed to then gradually extend this approach to the development of all its new products.

Keywords:

- X Energy
- X Footprint/blueprint
- X Recycling