

Mil's

# A win-win scenario with Ecodesign Studio

The specialist in vacuum pumps, air treatment systems and oxygen generators is playing the redesign card to boost its competitiveness. The company has acquired Ecodesign Studio software to optimise its approach.

project management according to NF E 01-005, simplified life cycle analysis, design assistance and a tracking interface, which can be used to meeting some of ISO 14001 2015 requirements. "Thanks to this software, we were able to acquire enough independence to fully manage our future developments and implement the new requirements of standard ISO 14001, which applies to all certified companies, today", concluded Alexis Gilles.



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## OUR CUSTOMER

### Corporate name

Mil's

### Turnover in 2016

20 million euros

### Workforce

90 employees

### Activity

Mil's is located at Genas, in the Lyon suburbs; and designs, develops and manufactures vacuum systems and pumps, air treatment units and oxygen generators, sold worldwide. The company is ISO 9001, ISO 14001 and ISO 13485 certified.

**A**lexis Gilles, Mil's vacuum pump R&D manager is convinced! *An in-depth redesign of product design method represents one of the keys to the industry of the future. The ecodesign policy provides added value in terms of both the environment and the economy, by reducing various costs linked to the product and its life cycle, improving therefore our competitiveness.*

The redesign of a vacuum pump with lubricated vanes highlights this point : Following the methodology, the pump performance was improved by 10%; the number of parts fell by 30%, the weight by 18%, the volume by 54% and the quantity of packaging

required by 30%, which also had positive side effects for transport costs. Finally, as the pumps are smaller, oil consumption fell by 33%.

## The next stage: Ecodesign Studio

Mil's decided to participate in the "Sustainable competitiveness - Process Product" (CD 2 Pro) programme launched by the Auvergne-Rhône-Alpes Region in order to disseminate this approach in the company. Target: implement an eco-design approach with the support of EcoDesign Studio software sold by Altermaker. This tool operates in SaaS (Software as a Service) mode and includes ecodesign

## Cetim's asset

Cetim supports companies throughout their ecodesign policies, particularly by using Ecodesign Studio



software, the result of a joint development project with Altermaker.