

MacLean Power France

A successful resettlement

When resettling its production site, MacLean Power France reorganized the workplaces, optimized the flows, decreased the production cycles, increased reactivity while reducing costs. On the whole: gains of 50% on stocks ratio, reduction of parts and tools transfer of about 43%, reduction of wasted times exceeding 2% of the total time, and a production cycle reduced by 5%.



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OUR CUSTOMER

Corporate name
Maclean Power France

Activity
Maclean Power France designs and manufactures composite insulators for high voltage devices. The products are composed of glass fibre sleeves impregnated with epoxy resin on which silicone fins are wound

Workforce
40 people

MacLean Power France, former included in Sediver, specialized in the development and manufacture of hollow insulators made of composite materials for high voltage electric devices, chose to take up the challenge of the reindustrialisation, and to manufacture in Saint-Yorre its composite insulators of new generation on an industrial waste land left by Sediver. Goal: doubling the turnover by 2010. But to achieve this, the company which occupied two sheds and offices located

further on the site, had to gather its forces quickly in order to decrease moves and gain in competitiveness.

Considerable profits

To succeed in a short time and optimize its production means, the company called upon Cetim's engineers. After having carried out a fast analysis of the current state, those worked at optimizing data and flows by integrating at once the production constraints, the health and safety needs, and the regulatory constraints. An outline of the future unit's layout was finally worked out. *"Cetim's contribution was essential in the project for refitting our future site, says Eric Moal, operational manager at MacLean Power France. Since in addition to the fastness – exactly two months – the study of our production, flows and means highlighted important improvable points which will contribute to reduce our costs and our lead times."*

This study thus highlighted: possible reductions of

material and tooling storage costs; gains of 50% on stocks ratio, a reduction of about 43% on parts and tools transfer; a reduction of lost times higher than 2% of the total time and a reduction in production times of at least 5%.

Cetim's asset



To help the companies in laying out a production unit, Cetim's specialists use several methods and tools:

- the Lean Manufacturing approach;
- the OEE, Smed, 5S methods... ;
- special software tools developed in-house;
- a strong expertise acquired while working with industrialists over the years, in various fields as the soils pollution, ICPE files (french environmental regulations), organization of safety and optimization of production.