

Alcatel-Lucent Submarine Networks **Eco-design: a growing number of followers**

After his training in eco-design, Romain Becuwe introduced the practice into his company. Now the gains have been identified, Alcatel-Lucent Submarine Networks is eco-designing four of its new products. And even the customers are becoming involved!



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Cetim's Asset

Cetim offers manufacturers a comprehensive range of training programmes structured by sector or occupation as well as e-learning courses (via the internet). The training is designed for non-specialists, managers, project managers, sales staff, etc.



OUR CLIENT

Corporate Name
Alcatel-Lucent Submarine Networks

Activity
Designs and installs turnkey submarine telecommunication networks. Has more than 150 years of experience in submarine cables and 25 in fibre optics. Has laid more than 500,000 km of cables and maintains 300,000 km

Developing products that are at the top of technology is good, but optimising them to protect the environment is even better. This was the mindset that Romain Becuwe, R&D and industrialisation technician at Alcatel-Lucent Submarine Networks, had when he took the initiative to undertake a training in eco-design. "The two-day course run by Cetim helped me to become familiar with the practice of eco-design based on a simple, pragmatic and standardised approach", he explains.

Romain Becuwe was won over and decided to take part in a

second training programme on eco-design issues, again with Cetim, but via e-learning this time.

25% reduction in CO₂ emissions

"I, then, wanted to put my new-found knowledge into practice by applying the eco-design approach to a product that we had redesigned some time ago. My aim was to quantify the environmental benefits," continues Romain Becuwe.

The analysis, which was undertaken over the entire life cycle of the product paid off with a 25% reduction in CO₂ emissions and a

30% reduction in aquatic eco-toxicity. These results were then included in the ISO 14001 audit, with the auditor praising the approach. After a comprehensive assessment of the process, Alcatel-Lucent Submarine Networks eco-designed four of its new products: the joints for submarine cables. Here again, the benefits in environmental terms have been targeted. And the movement is now creating ripples!

"As for our customers, they are now getting involved as well. One of them has even shown a very keen interest in the process," says Romain Becuwe.