

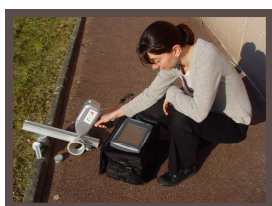
Interview with IVEA



A proximity strategy

The IVEA Company specialised in optical instrumentation was founded in December 2005 and is now increasing the number of its regional branches. Its objective is to move closer to skills clusters...Château-Gombert was chosen in our region, not far from the PopSud optical and photonics competitiveness cluster. Dominique Gallou, president of IVEA, explains.

> A prize-winning idea and promising beginnings ...



EasyLIBS, one of IVEA's three instruments using the LIBS technology

Dominique Gallou: We were the winner of the 2005 "Oseo Anvar" competition organised by the Ministry of Research when we were still in our development phase and in the same year we founded IVEA, a company with 11 employees specialised in industrialisation and marketing of real time elementary analysis solutions using the LIBS (Laser Induced Breakdown Spectroscopy) technology under licence from CEA and Areva NC.

This technique is based on action of a laser pulse to transform solid, gas or liquid material into a plasma which, as it cools, enables a spectral analysis of its elements making it possible to define the qualitative and quantitative content in the original analysed material.

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The IVEA site www.ivea-solution.com

For further information:

> ... For better industrial performances ...

The use of our LIBS analysis instruments makes it possible for manufacturers to sort materials, check layer thicknesses, and produce elementary mapping. Simple and fast use directly at the heart of process and fully automated analysis facilitates large productivity gains and improves traceability and manufacturing processes. Another advantage of our instrumentation is that it can be used in most industrial domains including glass, chemicals, petrochemicals, nuclear energy, the automobile industry, etc.

> ... With environmental benefits!

Our activity is strongly focussed on sustainable development. The use of our analysers contributes to improving industrial processes and thus reduces consumption of energy and raw materials used by manufacturers. The LIBS technology also enables an analysis of materials during production to reduce the quantity of scrap. Finally, it is used to check the nature of solid, gas and liquid industrial wastes.

> Closer, more ready!

IVEA's strategy is to move as close as possible to skills clusters using the LIBS technology by providing its expertise or by integrating inspection process lines. We have a soils expertise, through a branch in Bordeaux specialised in the analysis of soils. We also have a branch in Alsace specialising in the glass and Works of Art industry. We also have a branch in Marseille since March this year, because the city is a centre of excellence in the field of complex systems. In this framework, our LIBS analyser can either be used alone or combined with other technologies to be integrated into complex systems, particularly making use of the Optitec cluster (Marseille).

> A local boost

We benefited from support and assistance offered by many valuable players in the region such as PopSud and Provence Promotion, at the time of our setting up. This valuable help enabled us to quickly create links with companies and research workers interested in our applications. The objective of our branch is to setup an operational team with about ten employees within the next five years. At the moment we are at the validation stage of several projects related to the different activity and excellence clusters present in the Bouches-du-Rhône.

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For further information:

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