



CRYSTALITE

French crystals – suppliers of excellence to the luxury goods industry

In a cluster organised around Cristal Innov (a tech hub of Université Claude Bernard Lyon 1), iLM and LMI research labs, Carnot Ingénierie@Lyon, and three companies – RSA le Rubis, Diam Concept and Arnano – are developing and producing a wide range of crystals: sapphires, rubies, diamonds and quartz, as well as other innovative materials.

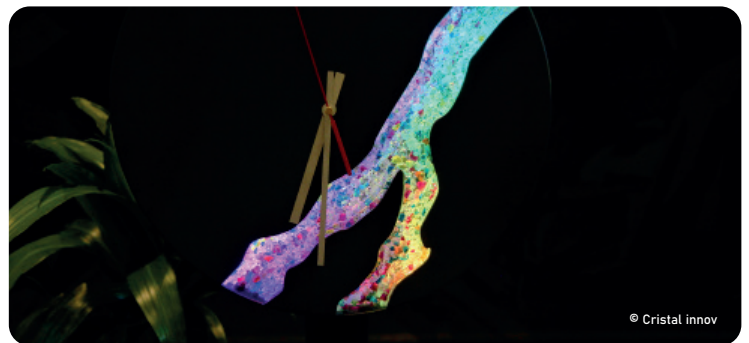
Carnot Ingénierie@Lyon

Scientific / technological breakthrough

The members of CRYSTALITE are pooling their products and expertise in high-tech applications, such as lasers, quartz clocks for the space industry and semiconductors, to build a completely new offering for the design, fashion and luxury goods sectors.

In addition to the diversity of colours, sizes and shapes in the B2B offering, sustainable development is an integral focus of CRYSTALITE:

- avoiding the highly polluting activity of mining natural crystals,
- cutting the carbon footprint of transport through stones produced in France,
- providing the customer with a carefully controlled life cycle: they buy the precious stones, which may subsequently be recycled in new designs.

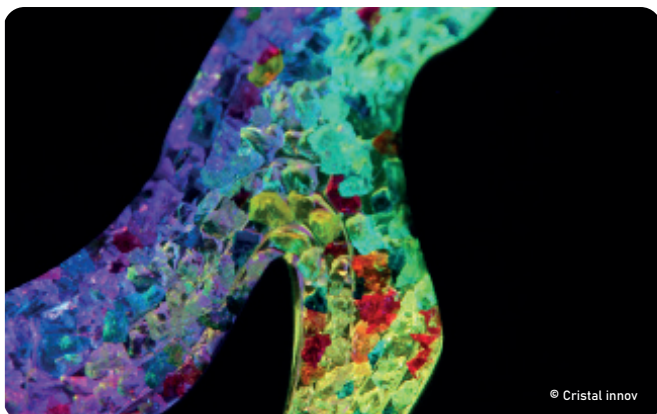


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Competitive advantage for the economic stakeholders

A differentiating offer for targeted companies: this alternative to synthetic crystals paves the way for more creative designs and eco-friendly products as well as carefully controlled costs, while retaining all of the prestige and sparkle of precious stones. This offer will help grow the activities of the businesses participating in CRYSTALITE.

Producers can leverage the work of the member labs to expand their product offering beyond their production of precious stones. Harnessing a number of different technologies within CRYSTALITE opens up broad possibilities for innovation in processes, products and new function integration for member producers as well as for their customers.



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