INNOVATION °84
Review

INTERVIEW
⊙ **SAFRAN TECH CENTRE** INTENSIFYING UPSTREAM R&T ON TRANSVERSAL TOPICS

INQUIRY
⊙ THE FRENCH CHAMPIONS IN INNOVATION

INQUIRY
⊙ TECHNOLOGICAL GEMS

THIERRY MAILLET
INNOVATION AND INDUSTRIAL PERFORMANCE MANAGER AT SUEZ ENVIRONNEMENT

R&D: LATEST DEVELOPMENTS

SUEZ ENVIRONNEMENT IS OPTING FOR THE CIRCULAR ECONOMY

▶ CLUSTER OF EXCELLENCE LAPHIA LASER & PHOTONICS IN AQUITAINE

LAPHIA is building a unique centre of excellence, which is becoming recognised among the most prominent national and international laser and photonics research centres.

Funded by the Excellence Initiative of the University of Bordeaux, LAPHIA (Laser and Photonics in Aquitaine) boosts research through collective site projects, drawing on the excellence of materials science and physics teams.

LAPHIA GATHERS THE ACADEMIC COMMUNITY IN THREE MAIN AREAS...

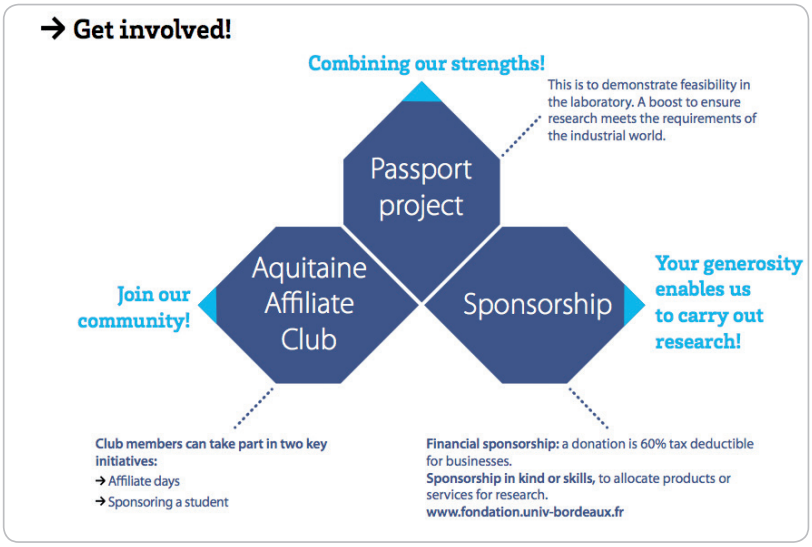
- Lasers and high energy physics
- Photonics and materials
- Innovative imaging

...AND HAS THE FOLLOWING MISSIONS :

- To federate the entire scientific community through interdisciplinary projects in the field of lasers and photonics, and raise the international profile of Bordeaux research.
- To develop an area for collaborations with the industrials, laboratories and international partners.
- To accelerate the process of technology transfer and the employability of its students by strengthening ties with businesses.
- To provide students with a range of internationally-recognised training courses, to enable them to become managers in photonics.

RESEARCH IS PREPARATION FOR TOMORROW'S MARKETS.

LAPHIA provides the "fuel" for technology transfer, via research projects and development.
LAPHIA supports projects with potential for technological breakthroughs. Progress in optics and photonics plays an important role in many sectors of our society: aerospace, energy, automotive, communications, health, medical, etc. The results of research supported by LAPHIA make technological innovation possible, as wellas development of new products and/or business creation.



▶ KEY FIGURES

- **250** researchers, engineers, PhD students and post-doc working on complementary themes
- **3** major research areas: photonics and materials, lasers and imaging
- More than **200** publications a year
- **11** top-level research laboratories
- **20** start-up businesses and SMEs (companies with less than 10 employees) created in 10 years, employing more than 260 people.

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