



**Basque Cluster for University Training in
Engineering, Science and Technology**

TECHNOLOGICAL INTELLIGENCE CROSS-BORDER LABORATORY

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4GUNE TECHNOLOGICAL INTELLIGENCE CROSS-BORDER LABORATORY

What is the Technological Intelligence Cross-border Laboratory and what does it offer?

The main purpose is to acquire skills so that 4GUNE can develop technological prospecting and monitoring to detect technological development trends, opportunities and niches for the different areas of the Basque RIS3. This initiative is 4GUNE's first connection with another European region, and more specifically, it will be carried out in collaboration with the University of Bordeaux's VIAinno Platform. Therefore, this laboratory also serves to strengthen long-term relations and collaboration between the Basque Country and Aquitaine.

Once these skills have been acquired by 4GUNE, the Technological Intelligence Cross-border Laboratory aims to carry out technological intelligence studies for the different priority areas of the Basque RIS3, at the request of the different Steering Groups.

Balance of the Technological Intelligence Cross-border Laboratory:

To date, two main activities have been developed:

- First of all, a series of training sessions were held to provide deanery and management teams of the 4GUNE university centres and researchers at these centres with Technological Intelligence skills.

The directors and deans received general training at a single session held on 3rd July, which was attended by 9 people. Research staff were given broader training covering three major fields: analysis of patent databases, analysis of scientific production databases and analysis of international ties and collaborations. Each field was developed in intensive training sessions of one week in June, July and September.

As part of these workshops, participants analysed technological intelligence for the cases proposed by the Basque Industry 4.0 Steering Group, fostering action-based learning. The case studies presented were related to the following themes: 3D Bioprinting, Additive Manufacturing and Augmented Reality-Transport.

- Secondly, an "exchange of research skills" in Technological Intelligence was established. This action was developed through two workshops in which research groups from the UPV/EHU IXA and TFM participated along with researchers from the VIAinno Platform (July and November).

On 18th November 2019, a public seminar was held with the aim of summarising and sharing the technological intelligence joint laboratory sessions and presenting the learning cases developed by the researchers during these workshops. A total of 22 people participated, including researchers, members of the Basque Industry 4.0 Steering Group, deans and business representatives.

Technological Intelligence Cross-border Laboratory 2020

In 2020, the Technological Intelligence Cross-border Laboratory is available to Basque Industry 4.0 for technological prospecting and monitoring in order to address the issues of greater interest to the sector. To do so, researchers trained for this purpose by 4GUNE in 2019 will be on hand. The project development outline with the various successive phases is shown below:

