



TNSI Interreg
POCTEFA



Fonds Européen de Développement Régional (FEDER)

Inter-regional European Project TNSI

ISP System start with TNSI project a new European scientific cooperation.

TNSI project, "Transpyrenean Node for Scientific Instrumentation" , with ISP System as one of the two French partners has been funded by the European program POCTEFA (Spain-France-Andorra cross-border cooperation).

This 3-year project (2018-2021) will give ISP System the opportunity to reinforce its cooperation with Spanish research institutes and SMEs in scientific and strategic fields as electronic ship bonding, nano-motion and X-ray optomechanics.

TNSI partners: BIHURCRYSTAL (SME, Spain, Coordinator), Institute of Material Sciences of Barcelona (ICMAB, CSIC, Spain), the Institute of Material Sciences of Aragon (ICMA, CSIC, Spain), the Centre of Material Physics (CFM, CSIC, Spain), the Catalan Institute of Nanoscience and Nanotechnology (ICN2), the University of Zaragoza (UNIZAR, Spain), Alba synchrotron, Graphene NanoTech (GPNT, SME). In France, the CEMES (CNRS France) and ISP-SYSTEM (SME, France).

The project TNSI creates a Technological Node focused on cooperation between SMEs and Research Centers in Nanotechnologies, Advanced Materials and Advanced Manufacturing, which are part of Key Enabling Technologies (KET). Three key activities are developed:

- 1) **Pre-competitive research:** SMEs and Centers collaborate in the study of key technologies, exploring both their technical and economic potential.
- 2) **Fundamental research:** Products developed by SMEs are integrated into research projects, to identify improvements that allow new markets to be addressed.
- 3) **Training:** A two-way program between SME staff and young researchers improves their training and facilitate academic / business transition.

These actions are reinforced with an intense program of communication and dissemination, which includes several specialized meetings and a summer school.

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The project has been co-financed 65% by the European Regional Development Fund (ERDF) within the framework of the Interreg V-A Spain France Andorra program (**POCTEFA 2014-2020**). The objective of POCTEFA is to strengthen the economic and social integration of the France–Spain–Andorra border area. Its assistance is focused on the development of cross-border economic, social and environmental activities through joint strategies that promote the sustainable development of the territory.