Center for Digital Industry

The Center for Digital Industry deals with **digital technologies for industry** creating applications for critical systems, adaptive and autonomous systems, advanced perception, diagnostics and prediction systems. Additional research areas include digital agriculture (the Foundation coordinates the European AgrifoodTEF project), meteorology (FBK has created a short-range rainfall monitoring application), cultural heritage, and geomatics.

We have active collaborations with the **European Space Agency (ESA)** and numerous institutions and multinational companies on **strategic projects with high innovation content**.

As part of the Next Generation EU - PNRR initiatives, FBK is part of the extended partnership named FAIR (Future Artificial Intelligence Research, leading Spoke 2 on integrative AI), of iNEST (Interconnected Northeast Innovation Ecosystem) and of the **ICSC-National Research Center in HPC, Big Data and Quantum Computing**, within Spoke 4 - Earth & Climate, among the 5 national centers for research involved.