

Discover our labelled projects

FIND

 More information
[@FIND-EU-PROJECT](https://www.linkedin.com/company/find-eu-project/)

 Coordinator contact
Bastien Poubeau
bastien.poubeau@asnr.fr

 Visit our website
www.find-project.eu



FIND Project

The Project

FIND is a groundbreaking project that brings innovative monitoring technologies to improve nuclear safety, developing smart detection systems like structural health monitoring and digital twins for nuclear facilities.

Led by ASNR, France's nuclear safety regulator, FIND's technologies are designed to be cost-effective and minimally intrusive, helping power plants operate more safely while reducing maintenance costs and worker radiation exposure, in the context of their long-term operation.

Our Objectives

1. Develop real-time remote monitoring systems for safety-critical defects in aging NPP metallic pipes.
2. Develop instrumentation to support the management of incidents and accidents.
3. Validate innovative NDE technologies' performance in nuclear environments.
4. Foster new technology adoption across the nuclear sector.
5. Bridge communication between operators and technology providers to enhance nuclear safety.

Our Added Value

The project draws inspiration from other high-reliability industries, such as aeronautics and oil & gas, adapting their innovations for nuclear applications. FIND's innovative approach combines three key technologies:

- Structural Health Monitoring (SHM), continuously monitoring facility components to detect defects at an early stage,
- Digital Twin technology, creating sophisticated virtual models that help predict and prevent potential faults
- Hardened instrumentation to monitor the progression of accidents

Partners

