

ASSET INTEGRITY MANAGEMENT (AIM)

To master risks!



Your expectations

As an owner or operator of infrastructure, facilities or equipment, you operate in especially volatile markets, shaped by new regulatory, environmental, societal, technological and digital challenges.

You need to implement an organisation and the tools to:

Reduce your OPEX, CAPEX by extending the life of your equipment: control investments and optimise maintenance

Control your risks

Uphold a high level of equipment performance: reliability, availability, maintenance, safety

Guarantee customer satisfaction (quality /cost /time)

Our solutions

A 3-level approach :

A technical and technological approach

- Third-party expert appraisal regarding the state of health and conformity of your equipment: corrosion, materials, assemblies
- Validation of performance by numerical simulation: mechanical sizing, thermal resistance, fluid flow, etc..
- Estimation of the residual life of your facilities
- Inspection of your equipment: NDT, automated/robotised inspection, leak detection and leak testing
- Proposal of IIoT solutions for supervision and monitoring
- Energy and environmental optimisation of in-service equipment and end-of-life management
- Damage analysis, development of repair plans and support for the implementation of corrective actions

An organisational approach

- Introduction of your AIM system in your company
- Implementation of an RBI approach and related tools in partnership with your operational teams
- Performance of various types of analyses (risk analysis, FMECA, life cycle analysis, etc.)
- Establishment of Lean Management, flow reorganisation, workstation management

An approach aimed at safeguarding and developing your human capital

- Cetim's training centre offers more than 400 [Cetim Academy®](#) training courses in France and abroad, which are delivered face-to-face or in a virtual classroom, on an inter- or intra-company basis
- Skills and knowledge engineering and talent identification

- Safety / Health of your employees during operation: Management of harmful emissions (air, water, soil) and waste, workstation ergonomics and collaborative robotics for assistance with physical movements, virtual and augmented reality

Your benefits

- A business approach based on over 50 years of multidisciplinary expertise
- Structured support / approach based on proven methodologies
- Ensuring compliance with regulatory requirements through our active participation in the various standards bodies
- 25 years of R&D in the field of monitoring
- Innovative resources dedicated to expert investigations (drones and robots, 3D digitisation and simulation, advanced NDT, tomography, etc.)
- A head start in the Industry of the Future through access to the latest simulation methods and technologies



Question and Answer Service
sqr@cetim.fr www.cetim.fr

