



Manage and control your facility
by protecting your structures
against fire, water and ionising
radiation

Our know-how

Protection against fire, water and ionising radiation: three challenges, one pool of know-how



Operating in France and worldwide, MECATISS designs products and systems to provide protection for your structures and equipment.

With almost 30 years of experience, MECATISS provides solutions for all customers who want to retain control of their facilities or equipment under any accident condition due to fire, flood or radiation.

Always at the cutting edge of innovation, MECATISS offers an extensive range of products and has its own design, testing and manufacturing resources enabling it to adapt its products to regulatory changes and/or offer new solutions in the following 3 areas:

- **Fire protection,**
- **Sealing,**
- **Biological protection against ionising radiation.**

Installation, guaranteeing product performance, is carried out by qualified MECATISS teams.

Ongoing innovation

MECATISS has its own chemical laboratory and fire testing centre equipped with remotely operated instrumentation and inspected by approved bodies. These unique resources enable MECATISS to control and manage the entire industrial process, propose innovative solutions and be responsive to all requests.

A range of proven solutions

Widely recognised for its efficiency, MECATISS installs a wide range of products that meet the following constraints:

- Various business sectors (civilian and defence nuclear, armaments, petrochemicals, tunnels, transport, etc.)
- Variable specifications (up to 4 hours fire resistance, up to 2 bar of pressure, etc.)
- Diverse equipment (concrete or metal structures, switch cabinets, sensors, cableways, etc.)

Vertical integration

MECATISS designs, tests, manufactures and installs its products. This know-how means that MECATISS can reduce interfaces, act as a driving force and provide solutions that can be quickly proven to our customers in tests.

Personalised customer and project follow-up

We ensure that our products are traceable, from design to installation.

This monitoring can be personalised and accessible to customers through an online database in secure extranet format.

Using an innovative structure management system (Scanprint), the databases are updated as projects are carried out.



MECATISS is involved in the various phases of a project:



Design

MECATISS conducts applied research in order to meet particular specifications. With its highly experienced team of mechanical and chemical engineers, MECATISS carries out the design, testing, industrial development and approval of its products.



Production

MECATISS manufactures all of its products, keeps a minimum stock level for emergency operations, continuously manages compatibility with older solutions and aims to avoid obsolescence. Production in-house guarantees total quality control and long term monitoring of facilities.



Installation on site

Our specialist teams are trained to work in all environments and especially high risk environments. We allocate a large part of our budget to training our teams, whose skills are further monitored and assessed via tests on models.

Expert appraisal and maintenance

We conduct expert appraisals of your facilities, measure the risks of your infrastructure deteriorating via manual or digital simulation and produce reports that can be easily implemented, enabling you to update and monitor your equipment.

When carrying out work on facilities, our teams restore fire, flood and radiation safety on completion of the work.

MECATISS has developed 3 main business areas:



Fire protection

Our range of products and systems ensures sectorisation of fire zones and provides protection for the structures, sensors, actuators and equipment that ensure that your personnel are safe and your facilities are secure. Our products are easy to install, flexible, light and adaptable to all situations.



Protection & sealing

In any kind of environment (air - water - underwater), MECATISS products, whether based on membranes, sleeves, mastic, elastomers or siliconised "mecatissé®" fabric, guarantee that your joints, wall passages, etc. stay sealed under multiple stresses (pressure, temperatures, hygrometry, etc.).



Protection against ionising radiation

MECATISS has developed decontaminable products with radiological characteristics to protect against ionising radiation. These products attenuate both Gamma and Neutron radiation. If necessary they can be installed on a temporary basis depending on dosimetric optimisation in order to reduce the exposure of those working in a nuclear environment.

MECATISS sees its mission as letting you retain control over your facilities, and protect your investments by extending their life.

The NUVIA Group

(800 employees in France, 700 employees in the UK)

NUVIA, a subsidiary of the Soletanche Freyssinet Group, has been operating in the nuclear sector for over 50 years. Today, with offices in France and the UK, NUVIA operates worldwide in 5 main business areas:

- **New build**
- **Extending the life of nuclear installations**
- **Decommissioning**
- **Radiation protection**
- **Waste management**



In France, NUVIA is organised around 5 companies (ESSOR, MECATISS, MILLENNIUM, NTS and SALVAREM), each with one or more areas of expertise: civil engineering, fire protection, clean-up, decommissioning, engineering, logistics and radiation protection. We make these technical skills available to our customers throughout the life cycle of their nuclear plants, in other words from new build, through maintenance and operation, to decommissioning.

Our specialist offer is based on teams of experts operating mainly in the nuclear sector and able to manage the risks associated with this environment.

Our certifications:



CEFRI E

The French Committee for Certification of Companies for Training and monitoring of personnel working with Ionising Radiation



ISO 9001: 2000 Certification



EDF UTO

Electricité de France - Unité Technique Opérationnelle
(Technical Operations Unit)

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