



NUVIA

YOUR LIFECYCLE PARTNER
FOR HIGHLY REGULATED
ENVIRONMENTS

Supporting your energy



PROFILE

Drawing on its experience in the nuclear industry, NUVIA supports its industrial clients in sensitive and highly regulated environments throughout the life cycle of their installations.

NUVIA operates in numerous business sectors, including nuclear energy, civil and military defence, health and the environment, offering its clients a full range of support services, engineering and the products necessary for the design, construction, operation and dismantling of their industrial installations.

NUVIA works alongside its clients, guaranteeing the best levels of safety and performance to build a safer, cleaner and sustainable world.

WHATEVER IT TAKES TO BUILD **A SAFER, CLEANER AND SUSTAINABLE WORLD**

With internationally renowned nuclear expertise, NUVIA is a key partner for organisations that place safety and regulatory requirements at the top of their priorities.

Subsidiary of the world-leading VINCI group, NUVIA is an international company that has been operating on highly regulated and sensitive industrial sites for over 60 years.

Every day our employees, wherever they are, help clients to achieve their most ambitious projects while delivering the highest levels of safety and performance. In every type of activity, at all stages, we support them to build a safer, cleaner and sustainable world.

Our strength? We support you throughout the entire life cycle of your facility: from design to decommissioning.

NEW BUILD/DESIGN

We offer reliable, innovative and safe engineering and technical support to new build programmes from concept design to commissioning.

OPERATIONS AND MAINTENANCE

Our comprehensive range of operational support services encompasses most aspects of site operations through skilled and task orientated delivery teams.

PLANT LIFE EXTENSION

We provide a range of services covering regeneration schemes, plant modifications and upgrades to meet regulatory challenges and increasingly stringent safety standards.

DECOMMISSIONING

Our teams can deliver cost-effective major decommissioning operations as well as providing decommissioning, decontamination and waste management services.

3,500
people

With offices in
17 countries

60 years
of experience



A WIDE RANGE OF SPECIALISED SKILLS AND EXPERTISES

We offer an extensive range of products and technical expertise to help you optimise site operations as far as costs, deadlines and safety is concerned. We operate as a specialised partner, with a wide range of specific products, or as a globally integrated contractor, delivering turnkey projects.



ENGINEERING & EPC

We deliver full EPC - Engineering, Procurement, Construction - projects, around the world, to meet the requirements of clients who need global contractor services, that combine the multiples fields of expertise we can offer.



PROTECTION OF INSTALLATIONS

We offer a consistent range of specific products and services, whatever the facility risk: fire, floods, dissemination, earthquakes or radiological risks.



HEALTH PHYSICS, SAFETY & MEASUREMENT

Companies using ionising radiation are required to protect workers, the public and the environment from their potentially harmful effects. We will ensure your practices are justified, safe, compliant with the legislation and fit for purpose. We offer a unique array of customisable instruments for nuclear medicine, CBRNe (Chemical, Biological, Radiological, Nuclear or Explosives), and environmental monitoring.



CIVIL ENGINEERING & SPECIAL WORKS

Civil works are in our DNA; we can design and build any supporting facility necessary to industrial and sensitive sites, among which nuclear facilities. Our services include the design, sizing, studies, construction, qualification, commissioning of complex structures, and specific works such as prestressing, accessibility works and special coatings.



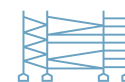
MECHANICAL SYSTEMS & PROCESSES

We deliver high-value, high-technicity, high-security services in terms of mechanical processes and systems, and, depending on the period in the life cycle of your facility, have unequalled expertise in site decommissioning and dismantling, wherever in the world.



SUPPORT & SERVICES

We specialise in site operating and managing of support facilities; we consider facility operations as a whole. We put in place an optimised organisation to meet your project needs. This leads us to be incredibly efficient on site and proactive as far as innovation is concerned.



SCAFFOLDING & THERMAL INSULATION

We offer comprehensive expertise in thermal insulation and scaffolding, delivering tailored solutions for the nuclear, manufacturing, and construction sectors.

WE SUPPORT CLIENTS IN 7 KEY BUSINESS SECTORS

NUVIA supports seven major sectors, all of them of paramount importance for our society. From the strength of our **leading nuclear expertise**, NUVIA stands out as a high added value partner for clients from these sectors.

NUVIA draws its expertise from one of the most demanding industries: nuclear power. For decades, we have been involved in many of the major nuclear power related projects in the world.

By addressing increasing demand from other business sectors, NUVIA adapted its cutting-edge expertise to address needs in any type of highly regulated or sensitive environment. Today we serve clients on a far wider scale: Nuclear Power, Defence, Homeland Security, Healthcare, Industrial, Environment, Science & Research.

Nuclear Power

We are, thanks to a long track record in this core business sector, the partner of choice for clients looking for quality, reliability, safety, performance and excellence. We take pride in having been involved in many of the major nuclear projects around the world. As a consequence, clients benefit from this broad experience in the services and solutions we provide.

Healthcare

We have an exclusive know-how of radioactive materials that naturally developed into particular expertise for nuclear medicine, to design facilities, to develop nuclear measurement solutions and to deliver health physics services.

Environment

We offer design, installation and commissioning of systems intended for the measurement and control of both natural and man-made radionuclides in the air and water, soils, or on the ground. We also provide land remediation and characterisation of radiologically contaminated land services.

Defence

We provide strategic support to defence forces and state organisations. Our expertise in nuclear engineering and technologies, specialist maintenance, radioactive waste management and decommissioning is particularly valued by Militaries deploying nuclear-powered submarines.

Homeland Security

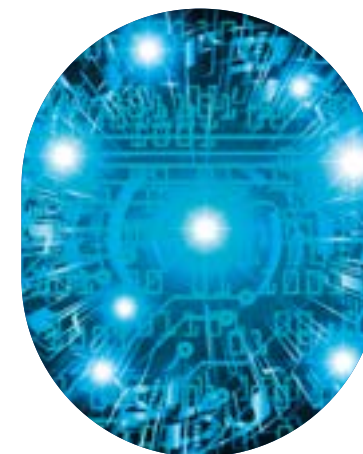
We provide detection and nuclear measurement instrumentation required for border control, emergency interventions and to secure large events.

Science & Research

We develop innovative infrastructure solutions to support the most prestigious, ambitious and complex research programmes in the fields of biology and medicine, energy, environment, nuclear physics, particle physics as well as space science.

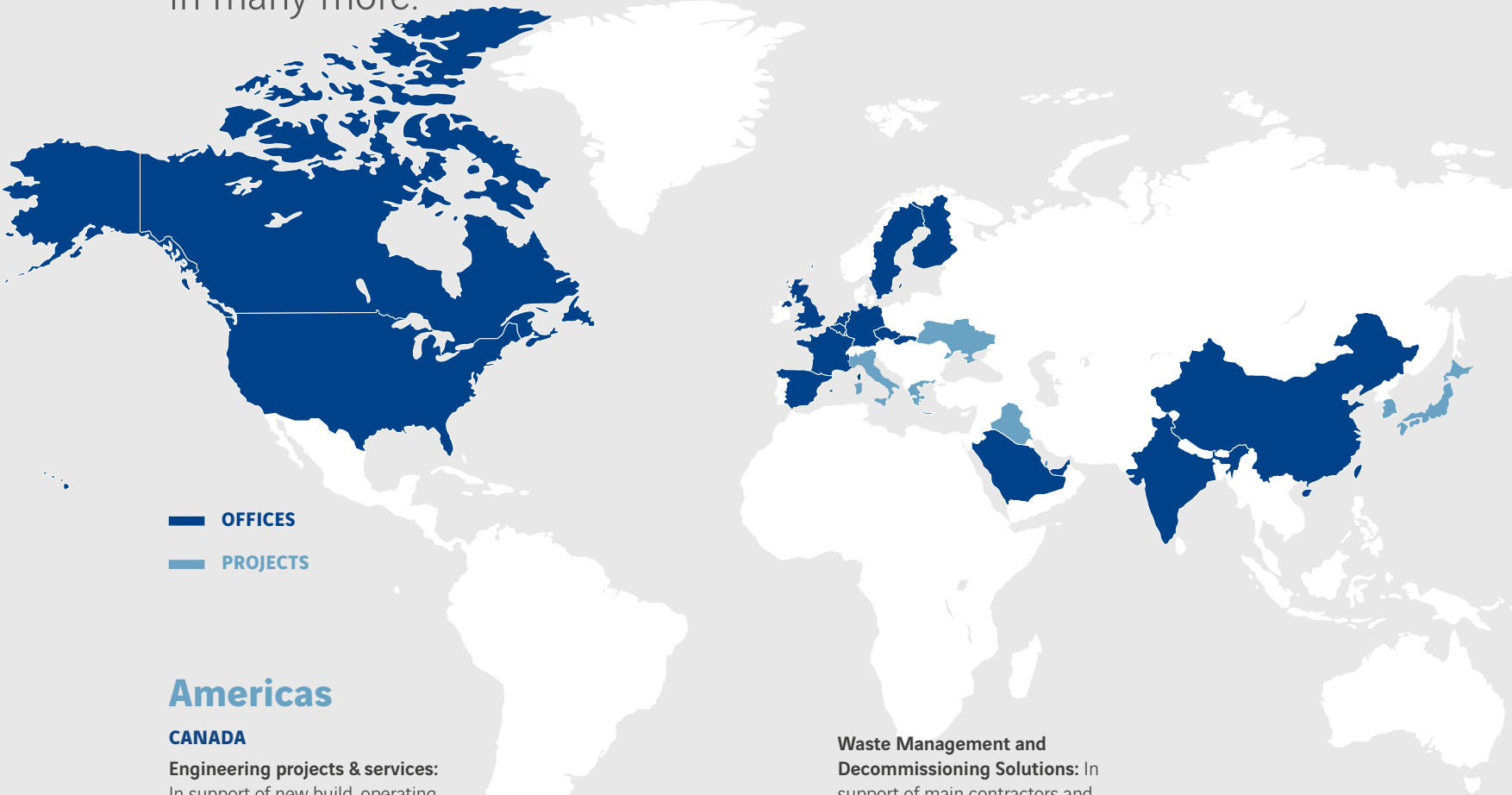
Industrial

We provide on-site services for outage and maintenance operations, including civil and mechanical works, fire protection and safety services.



A WORLDWIDE PRESENCE

NUVIA pursues its international development to be present where our clients need us. Operating directly in 17 countries, we are delivering projects in many more.



■ OFFICES
■ PROJECTS

Americas

CANADA

Engineering projects & services: In support of new build, operating plants and plant systems renovation & expansion.

Waste Management & Decontamination: In support of operating sites and decommissioning projects.

Radiation Protection Services: In support of nuclear power plant outages and day-to-day operations.

Civil works: In support of nuclear refurbishment projects and new build.

UNITED STATES

Environment: Supply of radiation survey equipment for land remediation.
Supply of Radiation Portal Monitors for the recycling industry.

Strategic project staffing partner: Providing office and field support workforce for mid to longterm projects.

Waste Management and Decommissioning Solutions: In support of main contractors and Utilities.

Radiation Protection Services: In support of U.S. Nuclear Power Plant outages.

Engineering: In support of the emerging new build projects.

Homeland Security: Supply of radiation devices to the state police department, participation to SOFWERX project with the Department of Defense.

Europe

BENELUX

Nuclear Power: Waste characterization automation in different types of drums at Doel Nuclear Power Plant.

CZECH REPUBLIC

Homeland Security: Supply of portable frame gamma radiation monitors delivering quick detection of radioactive contamination of people and equipment for general monitoring and radiation emergencies.

FRANCE

Nuclear Power: Construction works including filtration equipment, doors, fireproofing, and other specialized tasks.
Long-term plant upgrades addressing corium risk, tornado effects, extreme heat, flooding, and fire protection. Maintenance and industrial operator services such as logistics, scaffolding, insulation, and fire protection.

Science & research: Participation in the ITER project through phase-two civil engineering works, fireproofing, and the supply and installation of advanced seismic equipment.

Defense: Upgrading land-based defense installations to meet new seismic requirements, maintaining existing infrastructure, and developing new systems such as power evacuation facilities for the RES reference test reactor.

GERMANY

Healthcare: Supply of dose calibrators used for fast and precise activity or volume activity determination of radiopharmaceuticals.

Homeland Security: Design and manufacture of mobile hand contamination monitors for civil protection and disaster assistance.

GREECE

Nuclear Power: Characterization, treatment, and conditioning of historical radioactive waste at the National Center of Natural Sciences - Dimokritos, ensuring safe and compliant long-term storage.

ITALY

Healthcare: Supply of dose calibrators incorporated into injectors and hot cells.

SLOVAKIA

Nuclear Power: Teledosimetric system for monitoring power outage and meteorological conditions around the Jaslovske Bohunice Nuclear Power Plant.

SWEDEN

Nuclear Power: Supply of NuVISION gamma camera to identify contaminated areas.

Industrial: Completion of two significant outage projects at the same Oil & Gas refinery.

Nuclear Power: Dismantling of Ringhals Nuclear Power Plant, unit 1 and 2, covering all three of our projects.

UKRAINE

Environment: Delivery of an automated system for environmental radiation monitoring to improve security of disused radiation sources and other radioactive waste material.

UNITED KINGDOM

Homeland Security: Supply and service of Early Monitoring Network for the Department for Energy Security and Net Zero.
RPA Services to Border Force and Radiological Response and Emergency Management System (RREMS) for the UK Government.

Nuclear Power: Supporting HPC and SZC through strategic technical services and advisory support to GBN's SMR Programme. SD3 and SD4 projects, design reactor dismantling schemes at Trawsfynydd site.

Environment: Radiological beach monitoring service at sites like Sellafield and Dounreay.

Defence: Concept design for floating dock support at Clyde and technical expertise in nuclear engineering for the NTSP project.

Africa and Middle East

IRAQ

Homeland Security: Supply of radiation portal monitors for custom.

QATAR

Environment: Supply of a system for on-site measurement of radioactive contamination in drinking water from β or γ -emitting radioactive substances.

UNITED ARAB EMIRATES

Nuclear Power: Radiation protection projects and radioactive waste management for Barakah NPP. Civil works for Barakah NPP.

Asia

JAPAN

Radiation protection: Supply of NuVISION gamma cameras to research centers and nuclear power plants.

CHINA

Nuclear Power: Supply of CoMo and NuVISION in Chinese NPPs.

Healthcare: Supply of radiation protection products and dose calibrators.

Science and Research: Supply of NuVISION gamma camera for advanced research labs.

Industrial: Supply of standard radiation protection equipment to the mining industry.

INDIA

Industrial: Delivery of a demineralised water-supply plant, specific filtration and equipment supply to provide the required level of water purity.

KOREA

Environment: Design, qualification, supply and installation of approximately 2,000 penetration seals for on-site fire protection.

HIGH VALUE SERVICES TO MEET YOUR PROJECT'S SCHEDULE

In order to meet your requirements, our teams are organised into four complementary business lines: Engineering, Projects, Services and Products.

Engineering

We provide a full range of specialist engineering skills to address technically demanding and safety-critical projects in an innovative and cost-effective way.

Projects

Our expert knowledge, combined with our solid experience of sensitive site operations, enables us to offer consistent performance and innovation to deliver your projects effectively.

Services

We have specialised in a targeted range of high expertise technical activities to meet the needs of nuclear or regulated sites, including operational logistics, and specialised maintenance, as well as decontamination and decommissioning operations.

Products

Through our 4 NUVIA Tech brands: **Instruments, Healthcare, Protection and Automation**, we deliver state-of-the-art technologies to create products that meet your business demands.

NUVIA Tech Instruments

Products and solutions to measure radiation and contamination for nuclear industry and security.

NUVIA Tech Healthcare

Radiation measurement products and solutions for nuclear medicine and radiopharmaceutical production.

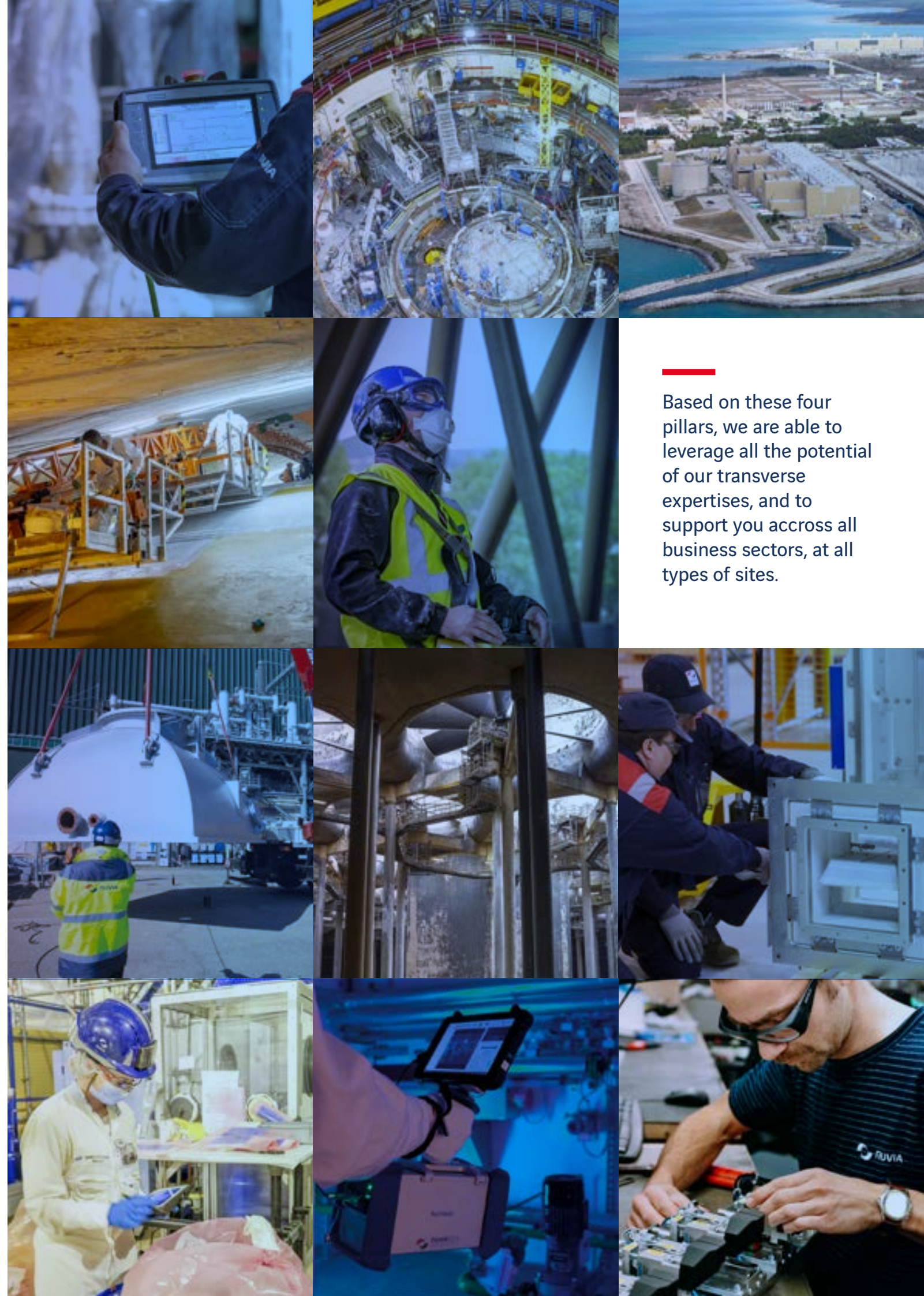
NUVIA Tech Protection

Products and solutions to protect equipment against fire, flood, seismic, dissemination and radiological risks.

NUVIA Tech Automation

Electromechanical equipment such as assembly lines, remote controlled arms and robotics for a variety of business sectors.

Based on these four pillars, we are able to leverage all the potential of our transverse expertises, and to support you across all business sectors, at all types of sites.



YOUR PARTNER OF **CHOICE TO ENABLE YOUR PERFORMANCE**

Partnering with NUVIA means adding additional excellence at the heart of your business by accessing our **high-added-value technical** and **operational services**.

Delivering the highest technical and operational excellence levels is no coincidence. How do we achieve it?

- NUVIA has an ambitious innovation policy to offer state-of-the-art solutions combined with exceptional engineering skills.
- NUVIA guarantees high operational standards on highly regulated sites and projects.
- We ensure security and safety in all our processes, on worksites, in offices, and during the lifespan of the facilities we work on.
- We train our teams continuously in safety and high-performance delivery.

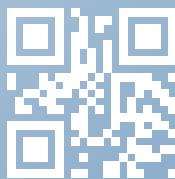
NUVIA also has high Corporate Social Responsibility standards. We work towards and help our clients build:

- A safer world in the areas of defence, homeland security, and industrial activities.
- A cleaner world particularly through our waste management and decommissioning activities.
- A sustainable world by strengthening the nuclear energy sector, which is a key contributor to a low-carbon energy future, and by supporting developments in the medical and research sectors.

NUVIA demonstrates internationally recognised operational excellence and professionalism that make a difference. Wherever you are, however complex or ambitious your projects might be, NUVIA will be there to deliver.

Supporting your energy





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[nuvia.com](https://www.nuvia.com)