



NUVIA

YOUR LIFECYCLE PARTNER
FOR HIGHLY REGULATED ENVIRONMENTS

Supporting your energy

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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 more 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 encompass most aspects of site operations through to 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.

2,500
people

+30 office
locations worldwide

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.

OUR 6 KEY SPECIALITIES



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.



Health Physics & Safety

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 customizable instruments for nuclear medicine, CBRN (Chemical, Biological, Radiological or Nuclear), and environmental monitoring.



Logistics & 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.



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.



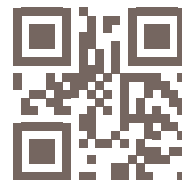
Civil Engineering & Special Works

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.



Protection of Installations

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



Learn more on
nuvia.com

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.



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 and to secure large events.



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.



Industrial

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



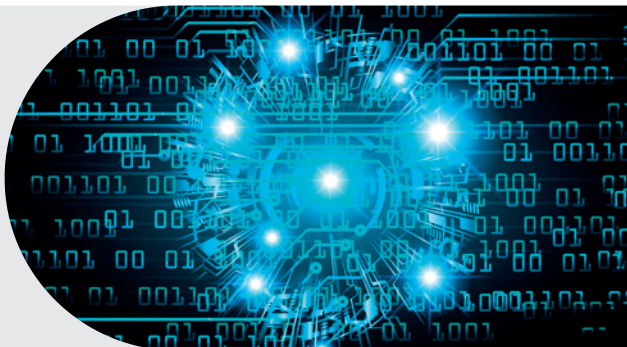
Environment

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.



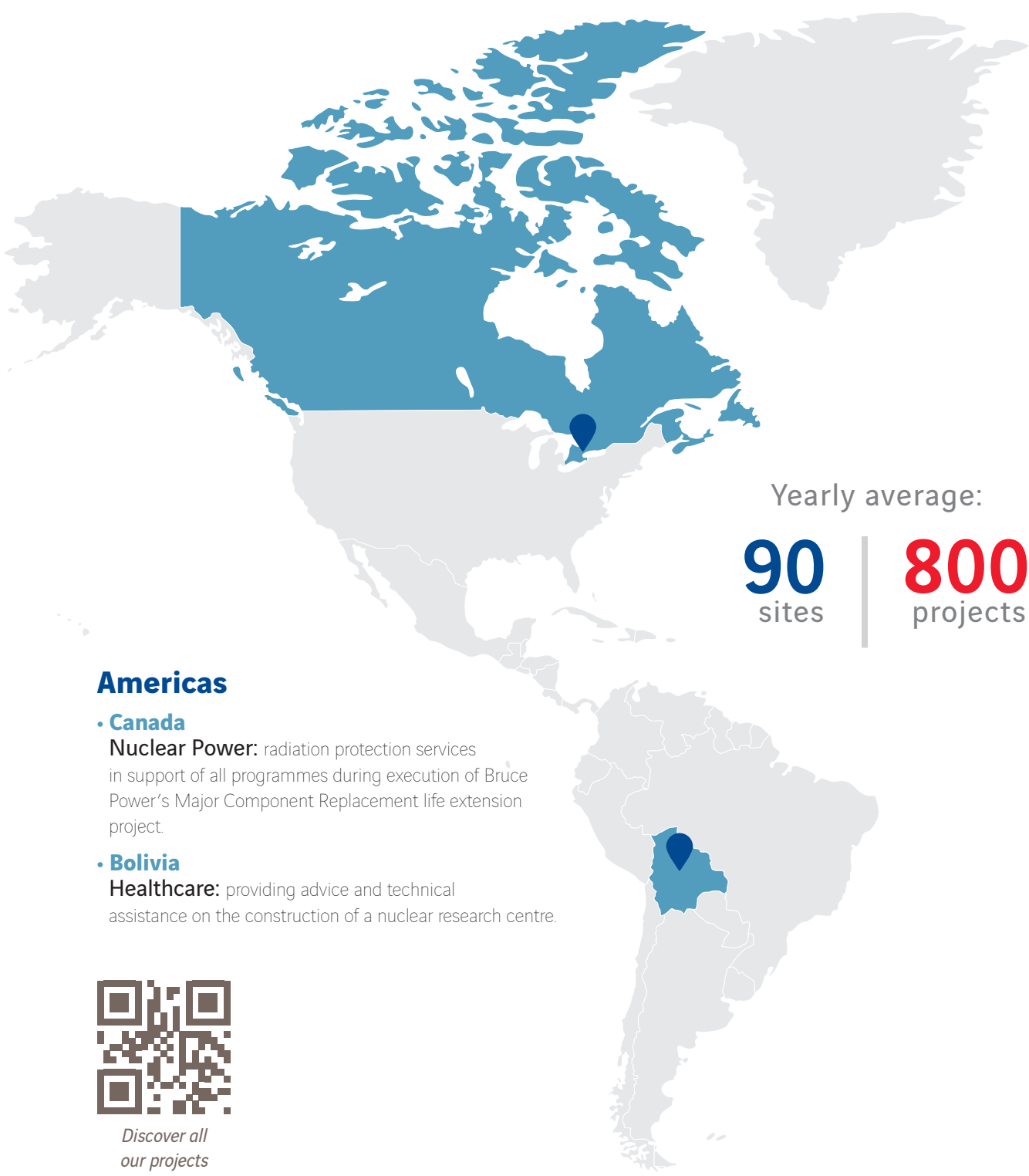
Science & Research

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.



A WORLDWIDE PRESENCE

NUVIA pursues its international development to be present where our clients need us. Operating directly in 12 countries, we are delivering projects in many more.



Americas

- **Canada**
Nuclear Power: radiation protection services in support of all programmes during execution of Bruce Power’s Major Component Replacement life extension project.
- **Bolivia**
Healthcare: providing advice and technical assistance on the construction of a nuclear research centre.



Discover all our projects

Europe

- **France**
Nuclear Power: post-Fukushima corium containment works in case of core meltdown; operating of nuclear facilities; sealing works on enclosures; fire protection EPR.
Defence: EPURE project, design and construction of nuclear installations for process development.
Homeland Security: approval of the innovative NuVISION gamma camera for detecting CBRN threats during large events such as the 2024 Olympics Games.
Science & Research: long term civil works contract for ITER.
- **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.
- **Italy**
Nuclear Power: operationnal support for decommissioning of unit facilities in JRC Ispra.

- **United Kingdom**
Nuclear Power: innovative deployment of a self-climbing platform and manual dismantling of the First Generation Reprocessing Plant Stack at the Sellafield nuclear site.
Science & Research: support to major international research facilities such as the Culham Science Centre, ESS and ITER.
- **Sweden**
Industrial: completion of two significant outage projects at two major Oil & Gas refineries in Sweden that required specific technical experience and radiation protection expertise.
- **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.
- **Ukraine**
Environment: delivery of an automated system for Environmental Radiation Monitoring to improve security of disused radiation sources and other radioactive waste material.
- **Slovakia**
Nuclear Power: teledosimetric system for monitoring power outage and meteorological conditions around the Jaslovske Bohunice nuclear power plant.

Africa and Middle East

- **Kenya**
Environment: supply of new airborne surveying systems for countrywide radiological survey led by the Ministry of Mines.
- **Qatar**
Environment: supply of a system for on-site measurement of radioactive contamination in drinking water from beta or gamma-emitting radioactive substances.

Asia

- **India**
Industrial: delivery of a demineralised water-supply plant, specific filtration and equipment supply in order 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, enable 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.

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




Products

Through our 3 NUVIA Tech brands: **Instruments, Healthcare and Protection**, 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.



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 recognized operational excellence and professionalism that makes 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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