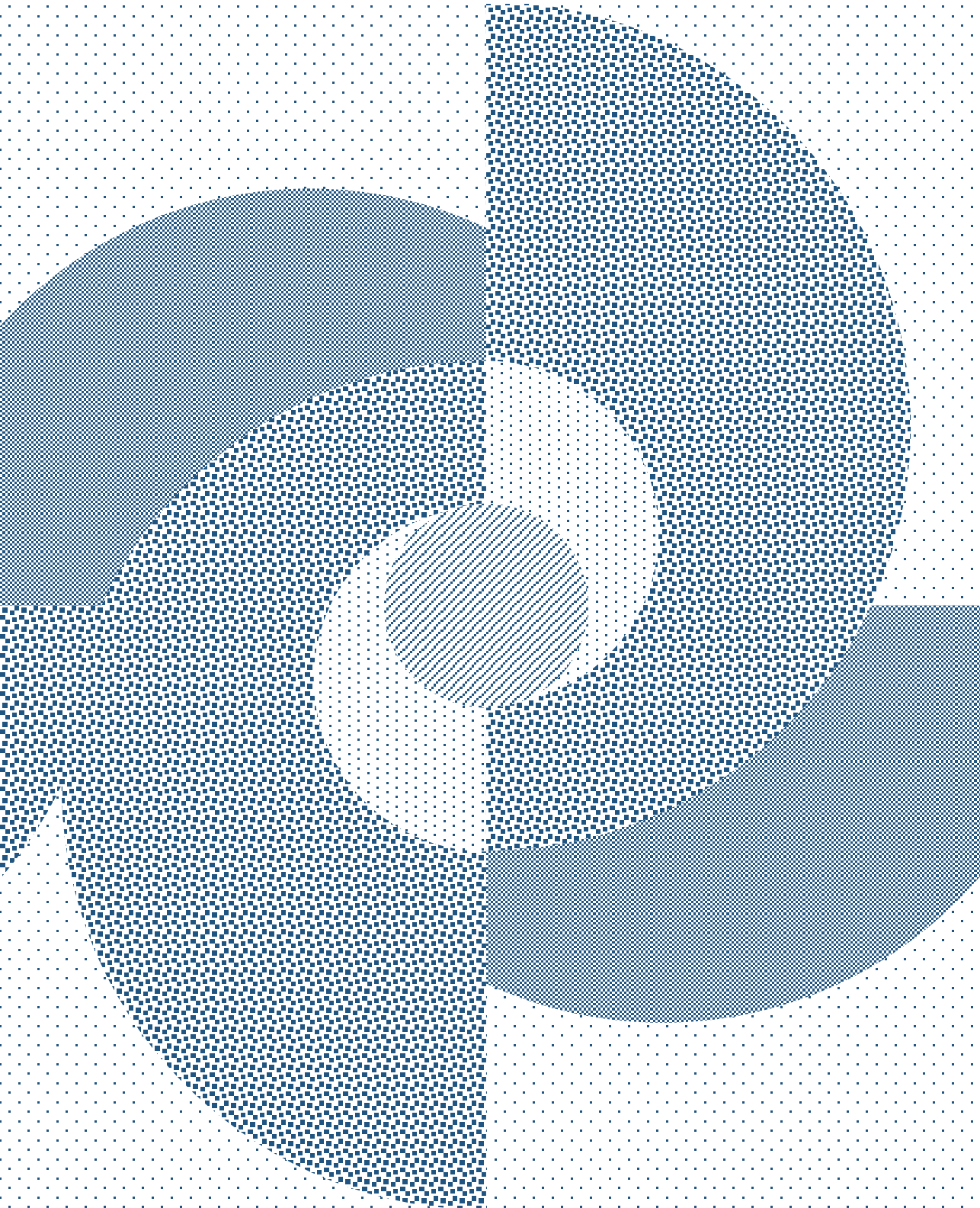
Nuvia

2018



A specialist in the nuclear sector and regulated environments

Nuvia is a key partner for the nuclear industry, delivering innovative engineering, services and product solutions for industrial facilities and sensitive environments. Its services range from construction, waste management, and life span extension to equipment operation, while guaranteeing a level of excellence and compliance with safety and security requirements.

Revenue[1]

€336m

Employees

2,400

Order intake

—Protection of EPR ventilation ducts, France
—Modernisation of the SUNPP nuclear plant, Ukraine
—Protection and safety contract, United Kingdom
—Logistics services for the Dampierre plant, France

Dampierre en Burly

1 – Managed revenue

Bruno Lancia, CEO, Nuvia

“Continuing our geographical diversification”

What have the main highlights been in your activity in 2018?

Our revenue has remained steady despite a decline in investments in France and the United Kingdom in 2018. We continued our geographic expansion by setting up a new subsidiary in Belgium. Our Czech subsidiary also won a very large contract in Ukraine. This is a major success and here, too, it enables us to diversify geographically. And of course, we integrated the company NucAdvisor, which signed a very substantial contract with the Bolivian government, and the company Compart, which enables us to expand our passive fire protection offer for sensitive industrial environments. Innovation remains a major focus and in 2018 we launched a camera developed in partnership with the CEA, “NuVISION”, which enables radioactive source visualisation. Lastly, our safety results further improved, which is a major priority for us.

What is your current strategy?

We are going to continue to focus on innovation, a major asset for Nuvia. Meanwhile, we will continue to extend our network of locations around the world and increase our presence across new territories, such as Asia, North America, South America and, why not, Africa, where demand is emerging.

What is the outlook for the market?

The business situation is quite sensitive, since the nuclear industry is closely tied in with political issues. In France, we are waiting for long-term decisions on the energy transition. In the United Kingdom, there is an upturn with investment programmes for new construction. In addition, many countries that have so far been absent from the market are now turning to nuclear energy as a way to address climate change. There are therefore good prospects for expansion in the medium and long term.

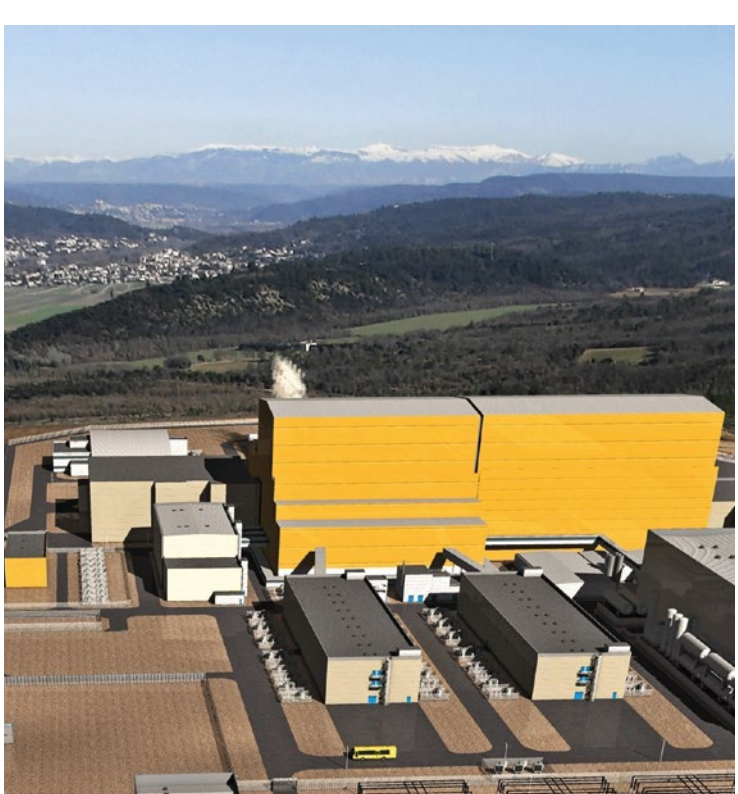
United Kingdom

Sellafield nuclear site

The first-generation chimney of the reprocessing plant needed to be dismantled due to its non-compliance with current seismic standards and the risk to important sensitive buildings in its vicinity. To speed up the process while ensuring safety on site, Nuvia built and put in service a self-climbing platform that allowed manual dismantling work to proceed without interrupting the operation of the power plant. The company also deployed an innovative wet coring demolition method, which is twice as fast as conventional techniques.

2x

as fast – the wet coring demolition method



United Kingdom
ITER

Nuvia UK carried out an overhaul and audit of the Tokamak Complex and Hot Cell detritiation systems for the ITER site in France. The aim was to reduce the estimated costs of the detritiation system by 80% and to ensure its compliance with regulations. ITER is a nuclear fusion research reactor project near Cadarache, southern France. The research project involves 35 countries and aims to industrialise nuclear fusion as a source of electricity.

80%

reduction in the estimated cost of the detritiation system

United Kingdom
Magnox, Harwell*

The dismantling of the liquid effluent treatment plant (LETP) in Harwell involves major ground remediation works. Large volumes of earth were excavated and treated according to their radiological content. To optimise and automate the analysis and treatment of excavated earth, Nuvia deployed four high-resolution gamma spectrometry systems and developed a database and associated software. These technologies enabled the treatment of more than 500 semi-bulk bags with a unit capacity of 1 cu. metre every week.

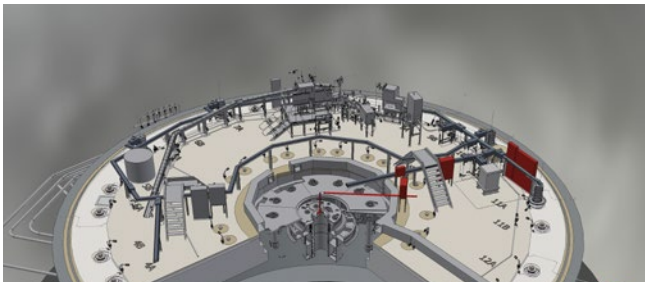
*Former Atomic Energy Research Establishment

Czech Republic
Dukovany nuclear power plant

Nuvia is currently carrying out operational measurements under a long-term contract that includes radiochemical analyses of the primary and secondary circuits and radioactive waste measurement. Nuvia is the only company in the Czech Republic that performs measurements for the release of radioactive waste material.

France
Flamanville EPR

Nuvia mobilised more than 100 people to carry out sealing operations on cable penetrations, to wrap cable raceways and to protect ventilation ducts at the Flamanville EPR. The work used Nuvia Tech Protection products designed and manufactured by Nuvia.



United Kingdom
Dounreay nuclear research site

Nuvia is working with Dounreay Site Restoration Limited to design, install and commission equipment in order to remove and process NaK residues (a sodium-potassium alloy) from the pipe system of the Fast Reactor facility.
As part of the reactor's decommissioning scheme, the residual NaK is being removed using an existing Water Vapour in Nitrogen (WVN) process.

Ukraine

Safety upgrade

As part of a consolidated safety upgrade programme of Ukrainian nuclear power plants, Nuvia CZ's teams were active on many sites around the country. They supplied equipment to measure radioactivity in the radioactive waste processing complex and a whole-body scanner module.

United Kingdom

Dungeness nuclear power plant

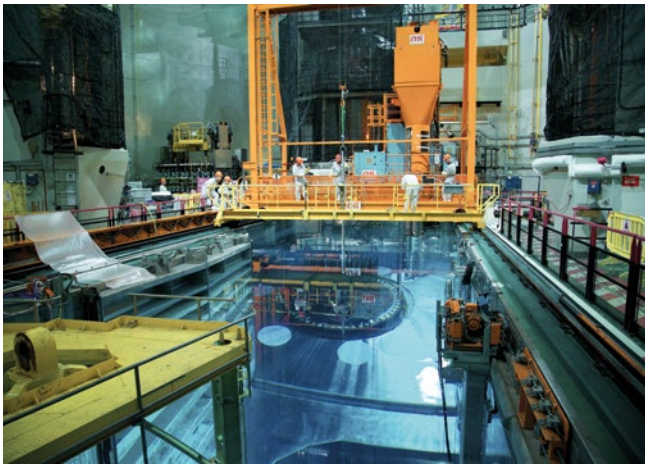
Nuvia UK's teams are working to design, supply, integrate and commission equipment for the nuclear waste transfer area (WTA). The WTA will retrieve, process and package intermediate-level waste to prepare it for transport.
The important facility, which must be carefully configured within the plant's safety perimeter, drew on the full range of Nuvia's expertise

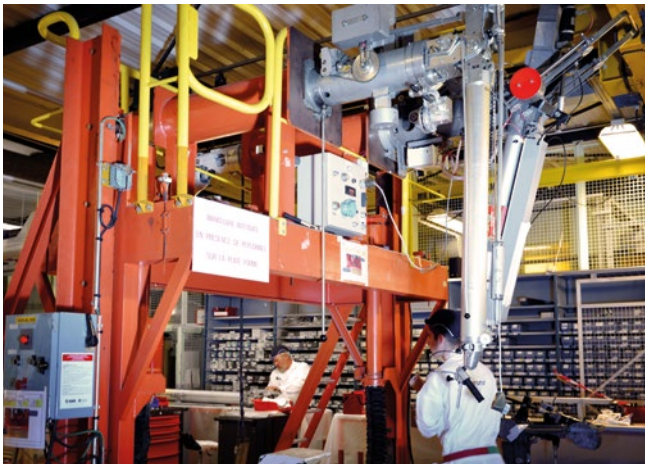
France
Penly nuclear power plant

Nuvia carried out the paint renovation of the reactor building gantries at the power plant's reactor building. To prepare the project, Nuvia designed and implemented all access and containment systems.

France
Dampierre en Burly nuclear power plant

EDF renewed Nuvia's Global Site Assistance Services contract covering the power plant. Under the seven-year contract, more than 120 people will coordinate and manage nuclear logistics and radiation protection to support operation and maintenance of site installations.





France
Orano maintenance contract

Orano contracted Nuvia to carry out maintenance on more than 600 remote-controlled arms at its La Hague site in northern France. Specialist maintenance activities ensure security and safety of installations, availability of the remote-controlled arms and significant long-term reduction in the cost of spare parts for Orano, and they optimise the waste and recycling chains.

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