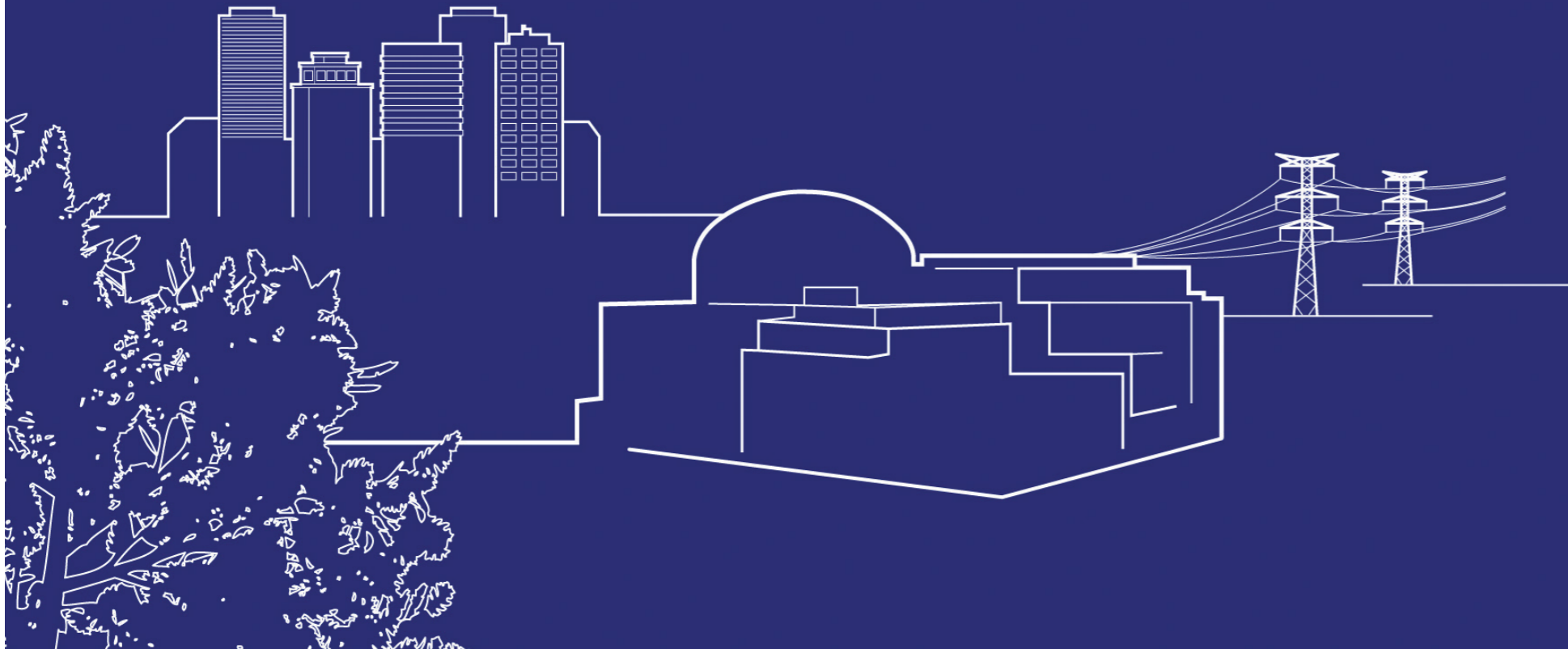




framatome

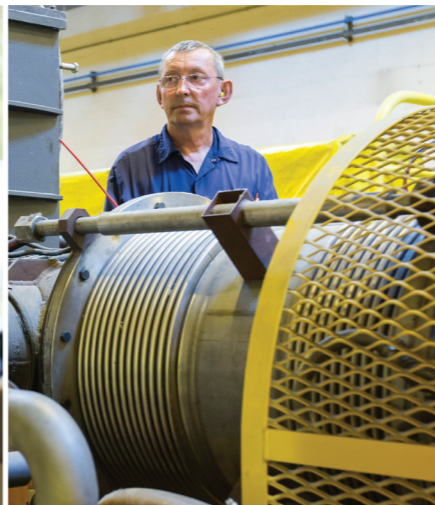
At a glance



For more than 60 years,

Framatome's teams have been involved in designing nuclear power plants, supplying nuclear steam supply systems, designing and manufacturing components and fuel assemblies, integrating instrumentation and control systems, and servicing all types of nuclear reactors.

Framatome and its 15,000 employees are committed every day to help customers supply ever cleaner, safer and more economical low-carbon energy.



Through our robust portfolio of solutions and services, our teams address major challenges our customers face today:

the optimization, availability, and competitiveness of their facilities while strengthening nuclear safety conditions.

Safety, our absolute priority



At Framatome, safety is more than just a priority. It is our fundamental value, the illustration of our professionalism, and key to the sustainability of our business. Just like with occupational safety, there is no compromise with nuclear safety.

Our capacity to intervene safely and reliably on all types of reactors is the cornerstone of our operational excellence and our performance.

At Framatome, our goal is "zero accidents." Our policy defines the commitments to be met by every employee, and is supported on a daily basis by a range of transverse initiatives and activities, performed throughout the company.

Our commitment applies to all of the activities of our operational entities, in France and internationally. And also, in our role as operator of nuclear facilities, owner of nuclear materials, service provider to customers' nuclear facilities, and designer and manufacturer of materials and equipment that ensure safety functions.

At Framatome, we ensure the safety and security of our employees, our partners and our stakeholders in the vicinity of our industrial facilities.

The performance of our customers is our everyday commitment



15,000 employees



working on
**MORE THAN 380
REACTORS WORLDWIDE**



generating revenues
of **€ 3,4 BILLIONS***

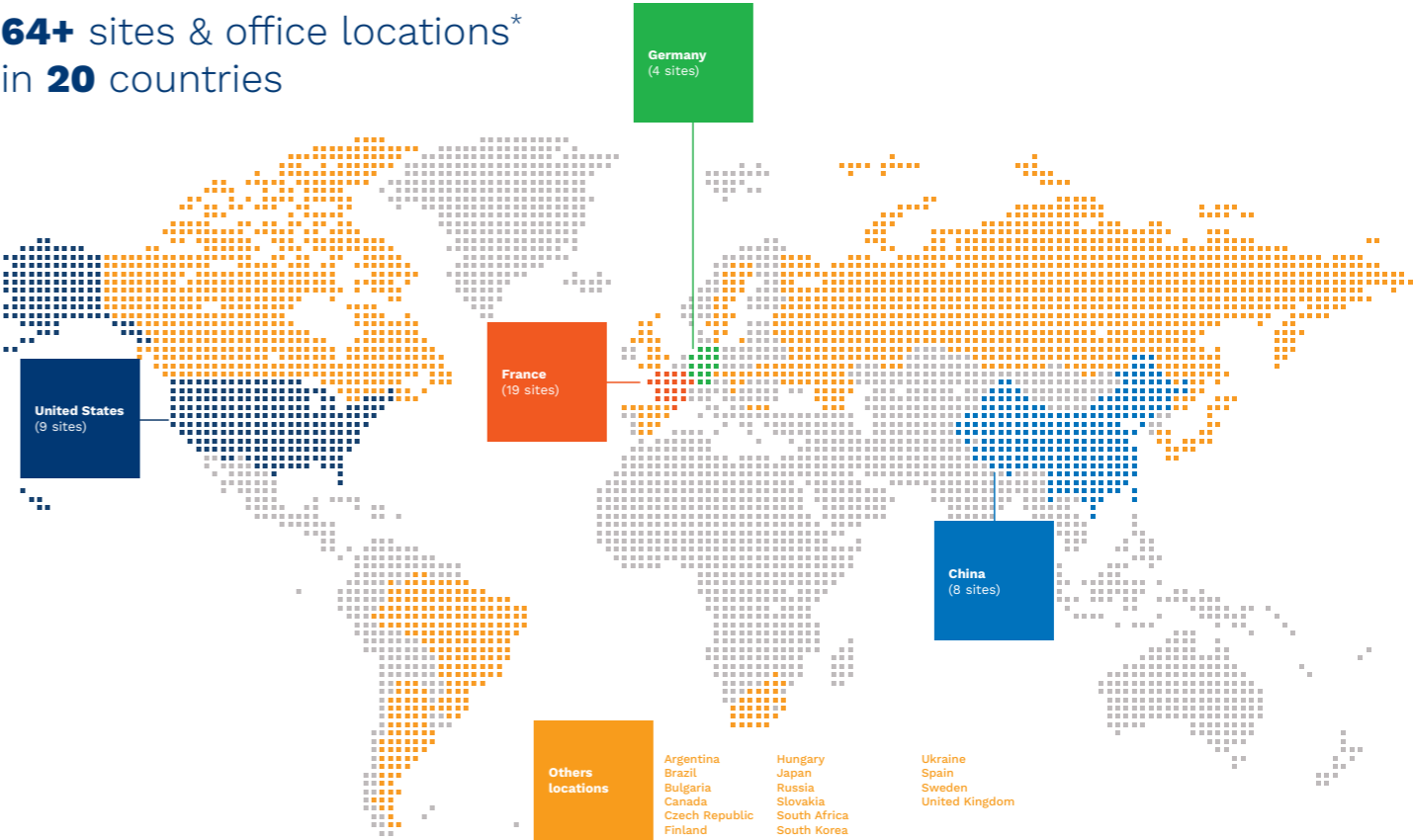
* 2021 figure

One of our strategic priorities is to deliver timely and sound solutions to meet the highest level of quality standards in our industry.

Our teams strive each and every day to improve operational excellence and, in doing so, improve our customers' performance, and to provide innovative solutions to overcome challenges.

Thanks to its global presence – working with nearly two-thirds of the world's nuclear plants – Framatome's highly experienced people are at the service of safe and competitive nuclear power plants.

64+ sites & office locations*
in **20** countries



* Locations have multiple sites

Expertise and operational performance are at the heart of our strategy

Framatome has developed its strategic plan along 5 axes:

- proven and sustainable expertise
- performance in delivering
- agile and adaptive organization
- safe and competitive solutions
- international development

The company's strategy is supported by 5 cross-functional programs: operational excellence, commercial excellence, knowledge management, systems engineering and digital transformation.



Design and construction of new nuclear power plants

globally-recognized expertise

With unparalleled experience built up over 60 years in the design and construction of nuclear power plants, Framatome is present at every stage of the process, across all types of reactor technologies.

Our activities cover the design and manufacture of the nuclear steam supply system, as well as the design, supply and installation of equipment, instrumentation and control (I&C) systems and fuel. We support our customers through to the commissioning of their power plants and offer all related services.

Framatome, with its thousands of highly skilled engineers and operators, has completed more than 90 nuclear power plant projects around the world to date.

Engineering

at the heart of nuclear power plant design

Our experts are specialized in the design of equipment that makes up the nuclear steam supply system, including the scientific calculation work, fluid mechanics and risk and nuclear safety analyses.

Our engineering services include the heart of the power plant, the “nuclear island”, and the main components of the reactor’s primary circuit such as steam generators, pumps, pressurizer, as well as the reactor pressure vessel itself.

Our specialists and technicians are actively involved in major new nuclear power plant construction projects such as the EPR reactors in Finland (Olkiluoto 3), France (Flamanville 3), and the United Kingdom (Hinkley Point C), as well as in South Africa for the modernization of the Koeberg power plant, and the development of a fast neutron reactor prototype in France.

Manufacturing

a key element in nuclear safety for plants

**Framatome components
equip more than 100 power plants
in 11 countries.**

**Working for electrical utilities,
Framatome's manufacturing plants
produce equipment for nuclear steam
supply systems to equip new-build
power plants or to replace equipment
at power plants in operation all over
the world.**

We manufacture advanced technology heavy equipment (reactor pressure vessels, steam generators, etc.) and mobile components (reactor coolant pumps and control rod drive mechanisms). We provide our customers with competitive solutions that meet ever more demanding nuclear safety and quality criteria.

Since 1970, around 10,000 components have been produced at our manufacturing sites by Framatome's forge workers, machinists, materials technicians, mechanical test technicians, boilermakers, and welders.

Instrumentation & Control

the brain of the plant

We have installed more than 300 comprehensive instrumentation & control systems in nuclear reactors of all types across the world.

Framatome designs and delivers safe automation and instrumentation solutions for operating plants and new builds.

Our solutions range from safety automation systems to automation systems for normal operation, from nuclear instrumentation to lifecycle solutions, from simulators and global I&C engineering expertise to human-machine interface design and human factors engineering. They offer our customers increased safety, higher performance and greater flexibility over the long term.

Framatome also offers modernization solutions that integrate seamlessly into existing systems, saving cost and extending the life of plants around the world.

Fuel

cutting-edge technology vital
for nuclear power generation

**230,000 Framatome fuel assemblies are loaded
in more than 125 reactors in operation around the world.**

Framatome designs, develops and manufactures fuel assemblies for pressurized water reactors, boiling water reactors and research reactors.

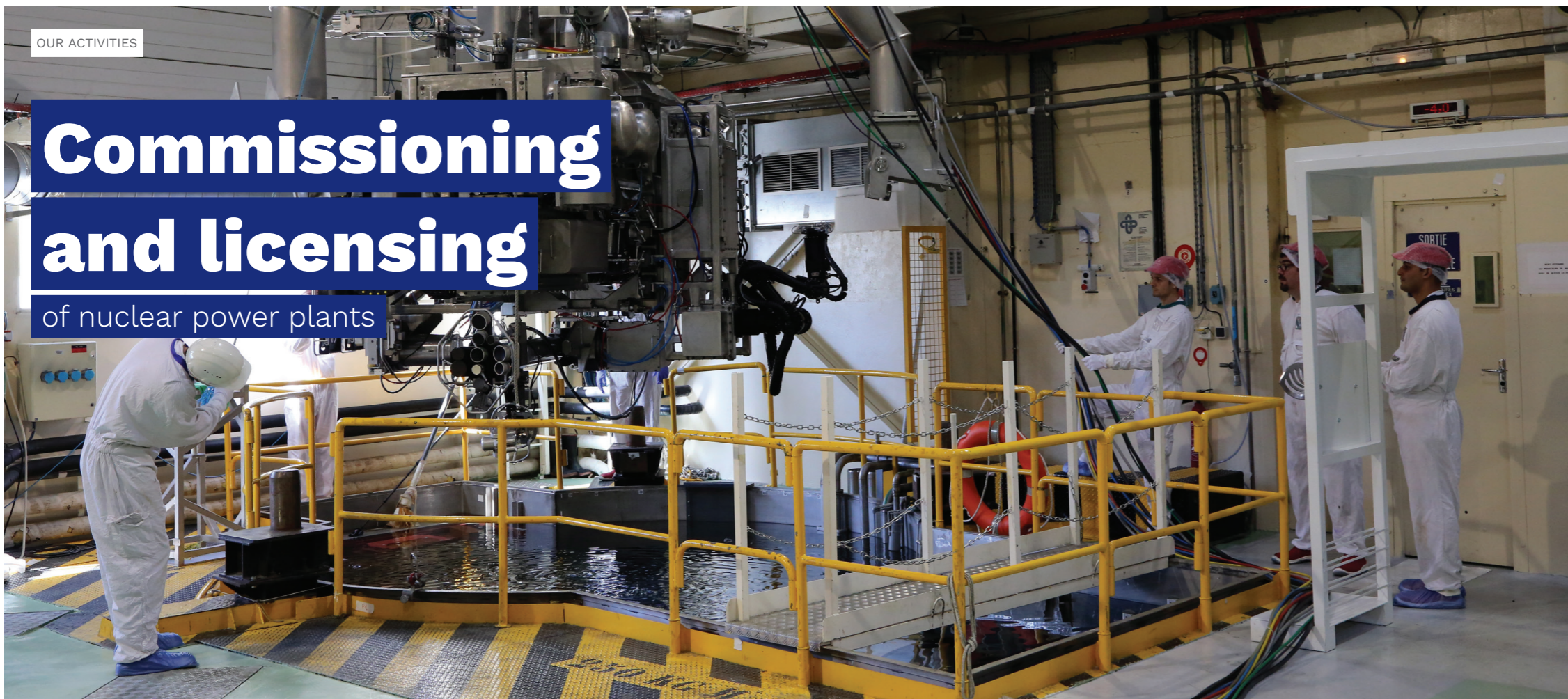
Our expertise spans the entire process, from A to Z: from the design of the fuel assembly, to the production of zirconium and its alloys – zirconium being vitally important for fuel production – on to fuel fabrication and associated services, right through to operations on the nuclear production sites.

We use advanced codes and methods for the design and analysis of our fuel assemblies. We can perform all relevant calculations from general fuel management up to dedicated licensing for the highest performance and safety.

Across all of our industrial sites, our engineers and technicians devote their extensive scientific and technical expertise to design and manufacture cutting edge products.

Commissioning and licensing

of nuclear power plants



**2,800 tests carried out
in our technical centers every year
for equipment qualification purposes.**

**Connecting a new power plant to the grid
requires a host of tests and the final
authorization of the nuclear safety
authority.**

Framatome has substantial experience internationally, working with nuclear safety authorities on all types of reactors currently in service around the world.

The company also offers support for operators through relationships with their safety authority and in the application of existing regulations.

In France, Framatome has expertise in the application of the ESPN order relating to nuclear pressure equipment (Arrêté relatif aux Équipements Sous Pression Nucléaire – ESPN). Technical centers and test facilities are available to our customers to qualify equipment and to provide assistance in the preparation of the qualification studies and associated documentation.

Operational power plants:

services and solutions to maintain
and modernize nuclear power plants
and extend their operating lifetime

Framatome offers innovative solutions and services to maintain and modernize existing nuclear power plants, and extend the lifetime of existing assets, while guaranteeing safety, performance and availability.

Framatome has more than 60 years of international experience in all types of technologies and in the maintenance of more than 380 reactors worldwide.

Our teams have expertise and knowledge in maintenance, component replacement, inspections and checks, refueling operations, and optimized management of reactor outages.

More specifically, our activities cover the supply of fuel assemblies and related services, management of equipment and spare parts, modernization of I&C, and chemistry and radiochemistry services.

Construction of reactors

and commissioning of new power plants:

management of large projects

Framatome's participation in the construction of new-build nuclear reactor projects spans across design, through procurement and supply, and on to commissioning.

With recognized expertise in the management of complex projects, our teams are tasked with delivering to the most stringent security standards and fulfilling the requirements of our customers every step of the way. In the case of new-build construction projects, we propose comprehensive solutions for the nuclear island scope.

Framatome is actively involved in the construction of three EPR reactors worldwide: in Finland (Olkiluoto 3), in France (Flamanville 3), and in the United Kingdom (Hinkley Point C, 2 reactors). Taishan Units 1 and 2 were put into commercial operations in 2018 and 2019.

MARCH 2022- OLKILUOTO 3 (OL3) BEGINS TO GENERATE POWER, MARKING EUROPE'S FIRST EPR AND FINLAND'S FIRST NUCLEAR POWER PLANT IN MORE THAN 40 YEARS.

This success is strong proof of the expertise and professionalism of our teams in the design and manufacture of reactor components, I&C and nuclear fuel systems, as well as in reactor construction, commissioning, test and maintenance.

Framatome is hiring!



Framatome offers jobs in a wide variety of complementary professions. We have many job opportunities in France and abroad in areas such as engineering, design, project management, production and maintenance.

Our manufacturing and construction activities are coordinated by project managers who call on the expertise of staff from the engineering, technical, manufacturing and maintenance professions.

Engineering specialists and technicians are responsible for equipment design and installation. They develop neutronic, thermal-hydraulic and mechanical calculation methods, and conduct technical studies focused on innovation and invention of new solutions for power plant construction or optimization of operational facilities.



Production jobs include fuel fabrication, manufacturing of heavy components (reactor pressure vessel, vessel head, steam generator, pressurizer) and mobile equipment (reactor coolant pump, control rod drive mechanism) and include profiles such as chemists, metallurgists and boilermakers.

The main focus of maintenance and site intervention jobs is to improve plant performance and extend the operating lifetime of installations and equipment. The assignments of teams in the field include inspection, maintenance and component replacement operations.

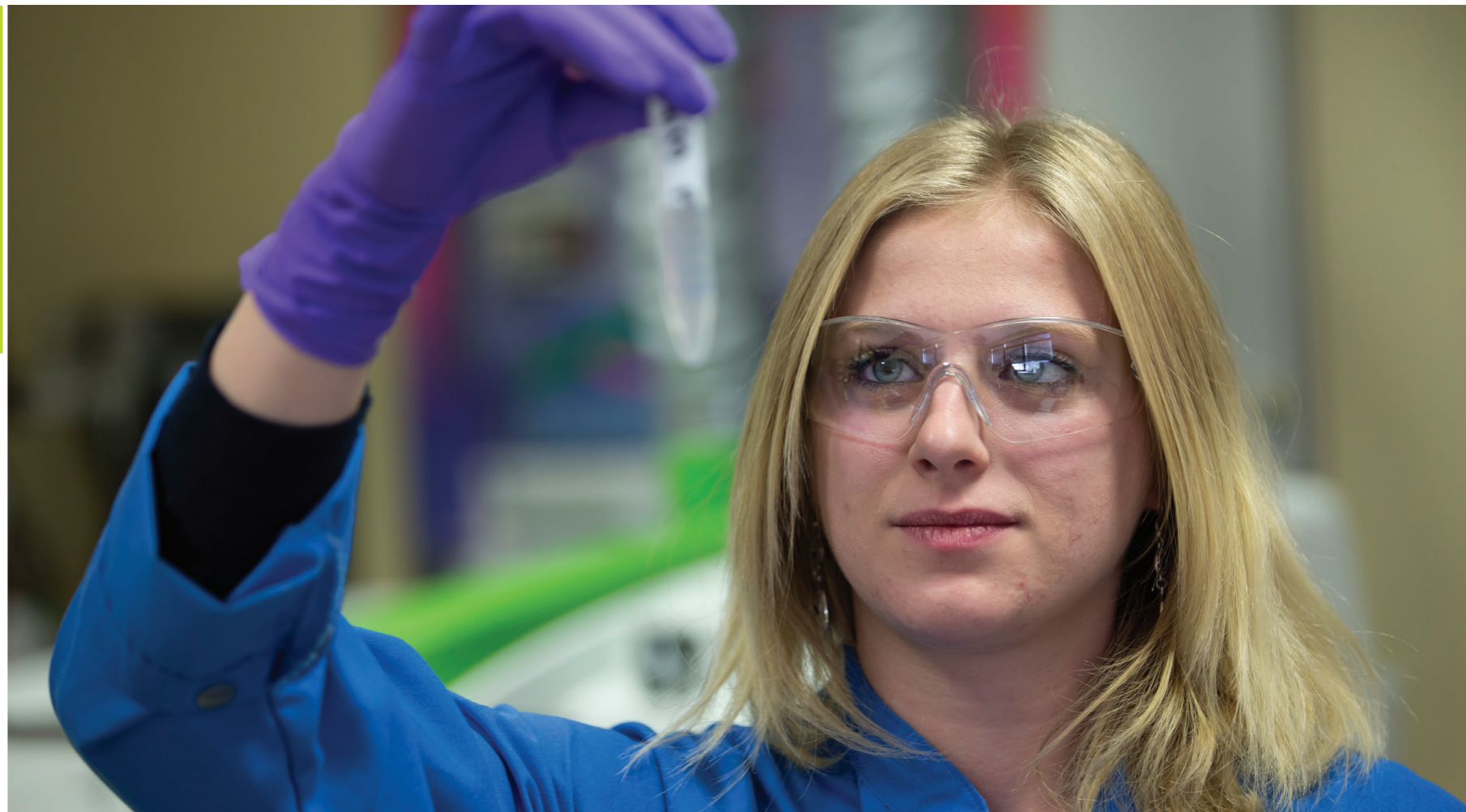
Framatome recruits more than 1,000 new employees annually.

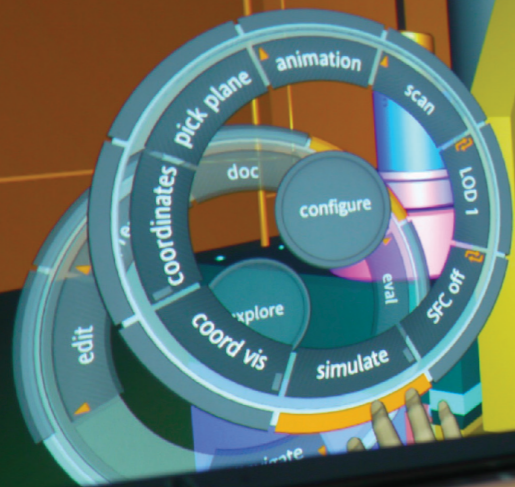
Pathways in excellence to guarantee our expertise

Framatome employs more than 500 internationally-recognized experts and specialists. This technical expertise is transmitted through a dedicated knowledge management system.

Compliant with the most demanding standards of our customers, our training pathways are based on coaching at the workstation, mentoring and certification programs. For example, in our in-house welding school, more than 500 qualifications are taken each year.

A dedicated certification training course is available for Framatome project management people. In addition to sharing best practices, the program allows employees to advance through vocational training and develop their project management skills.





Research and development: € 100 million*

* 2021 figure

Innovation and digital transformation for safe and competitive nuclear energy

At Framatome, innovation and digital transformation serve the efficiency and the safety of both our own and our customers' operations.

Our aim: to continue to offer our customers solutions and services that enable them to gain in competitiveness and operational safety, while constantly raising our levels of operational excellence within the company.

Applications in the fields of robotics, artificial intelligence and data, additive manufacturing, virtual and augmented reality and simulation all illustrate Framatome's capacities to boost innovation and digital transformation.

Framatome is an international leader in nuclear energy recognized for its innovative solutions and value added technologies for the global nuclear fleet. With worldwide expertise and a proven track record for reliability and performance, the company designs, services and installs components, fuel, and instrumentation and control systems for nuclear power plants.

Its more than 15,000 employees work every day to help Framatome's customers supply ever cleaner, safer and more economical low-carbon energy.

Framatome is owned by EDF (75.5%), Mitsubishi Heavy Industries (MHI - 19.5%) and Assystem (5%).

framatome****

Tour AREVA
1 Place Jean Millier
92400 Courbevoie, France

www.framatome.com

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