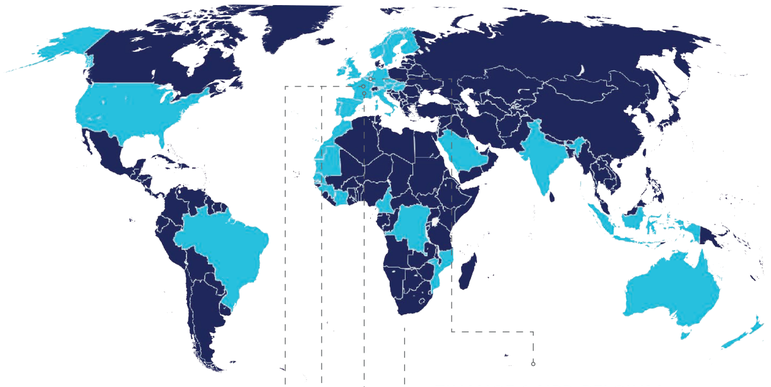
REFERENCES

Worldwide Projects



EPR* FLAMANVILLE 3 NPP, FRANCE:

Studies, procurement and site erection of the General Electrical Installation for the construction of the Flamanville 3 EPR reactor. Omexom designs, provides and installs seismic proof equipment (cable trays, electrical cabinets, 2 200km of cables, etc...).

RIC AND RGL REACTORS 900 MW NPPS IN FRANCE:

Complete solution from design to commissioning to refurbish a monitoring and control associated system to Incore instrumentation (RIC) and control rods (RGL measurement of the neutron flux incore).

TIHANGE 1 NPP, BELGIUM:

Long Time Operation (LTO) program for an ultimate safety control system, from studies to implementation. Control system for enhanced safety during LTO program: commissioning for an ultimate fallback system called "SUR-Etendu".

FRENCH AND SOUTH AFRICAN NPPS:

Non-destructive testing control rods guide tube inspection: design, process qualification and manufacturing of tooling, development of analysis, command and control systems software, commissioning and operation of checking process, data remote analysis and diagnosis.

ABOUT OMEXOM

With today's global energy sector undergoing constant change, Omexom works with its clients to answer to the challenges of urban population growth in order to promote access to electricity and enhance supply security. Omexom solutions are aimed at those who produce, transform and transport electricity, right up to and including local authorities. Omexom thus helps energy producers, grid operators and territories to fulfil their missions while navigating the changing landscape. Omexom is a system integrator remaining totally independent to select the best technological options for the project.

As a key player in the nuclear sector, Omexom delivers a comprehensive range of Engineering, Procurement and Construction (EPC) services, as well as turnkey projects from engineering to commissioning and maintenance. Omexom deals with several expertise: electrical, mechanical, instrumentation and control systems, nuclear ventilation, physical protection, non-destructive testing systems, radioprotection.... its 700 experts provide high value solutions across the complete life-cycle of nuclear power plants.

Located in 32 countries on five continents, from rural to major urban areas, Omexom's collaborators provide each day actors of the energy market with their expertise.

Omexom is a VINCI Energies brand.

- 32 Countries
- Over 18.000 Collaborators
- €3.2 Billion in Turnover

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VINCI ENERGIES

Nuclear power is world's second largest source of low-carbon power.

Positioned across the entire value chain and the complete life-cycle of Nuclear Power Plants (NPPs), Omexom delivers a wide range of solutions for works and maintenance deliveries.

Thanks to its technical expertise and experience, Omexom ensures complex projects implementation with a high safety level, and provides the best performance and reliability. Understanding of nuclear issues let Omexom integrate the most suited solutions regarding specific clients' needs and issues.

Omexom is both a local and an international nuclear power player, working in Nuclear Power Plants in France, Europe, South Africa, China, Japan, Korea... This large presence, both on new build and on running NPP, guarantees to its clients the best service and reactivity, and a high level of technical expertise shared within the Omexom network.

40 years of experience
References in **more than 40 NPPs**
700 experts of nuclear generation process

EXPERTISE

Electrical design & work

- 0V to 400kV
- Instrumentation, control-systems
- Low & High Voltage
- General Electrical Installations
- Electric and communications networks
- Physical protections
- New build and renewal projects
  - Design and engineering
  - Qualification of equipment for seismic and radioactive requirements
  - Supplies
  - Installation
  - Commissioning

Non-destructive testing (NDT)

- Engineering: Design and qualification of NDT automated processes
- Control Services on Site (CSS)
  - Steam generators and heat exchangers
  - Primary and secondary circuits in NPPs
- Data analysis
- Know-how of all NDT technics and mastering of remote analysis

Maintenance

- Electrical maintenance
  - Low and high voltage
  - Temporary cabling during unit overhauls
- Instrumentation maintenance
  - RIC and RGL refurbishment: C&S of neutronic incore instrumentation
  - Valves and instruments
- Other maintenances
  - Access controls and physical protections
  - Annual outages maintenance
  - Post-operation and decommissioning

NUCLEAR POWER PLANTS

Comprehensive high value solutions for all life cycle