

Nuclear Industry & Big Science

Hardened and nuclear facilities
Treatment processes for radioactive liquids, gases and solids
Automated handling, lifting and transfer systems
Multi-technology complex equipment



Our clients

ANDRA
ARIANEGROUP
CEA DAM
CEA DEN
CERN
COMURHEX
CYCLIFE
EDF CNEPE
EDF CETIC
EDF DT
EDF INGEUM
EDF DIPDE
EDF UTO
EDVANCE
FRAMATOME
FUSION FOR ENERGIE
GANIL
ILL
ITER ORGANIZATION
IRSN
LLB ESS
NAVAL GROUP
ORANO PROJET
ORANO RECYCLAGE
ORANO CHIMIE & ENRICHISSEMENT
ORANO D&S
SID
SYNCHROTRON SOLEIL
TECHNICATOME
UNITECH
YUKSEL PROJECT

Our specific services

Project management
Assistance to the owner
Design engineering
Construction management
Turnkey projects
Industrial development of prototypes
Maintenance and operational support



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Why choose Artelia?

We have the technical and regulatory expertise required to perform assignments in a wide range of fields within the nuclear industry including the fuel cycle, reactor fleets, nuclear medicine, research and development, nuclear energy, scientific facilities, military applications, drainage and dismantling activities.

Our strength: comprehensive expertise

- Hardened buildings and nuclear facilities.
- Nuclear pools : liners and framework.
- Chemical and mechanical processes.
- Solid waste and effluent storage and treatment units.
- Automated high-security handling, lifting and transfer systems.
- Complex multi-technology equipment (test benches, prototypes, demonstrators, diagnostics and remote handling systems).
- Assessment and modelling of short and long term risks of radionuclide releases.
- Mechanical components RCC-M assessment.



PRINCIPIA

Principia, an engineering company developing offer to the energy sectors, joined the Artelia group in 2020.

CERTIFICATIONS*



ISO 9001 - ISO 45001



Safety



Nos. 1075E and 956E - Radiation protection

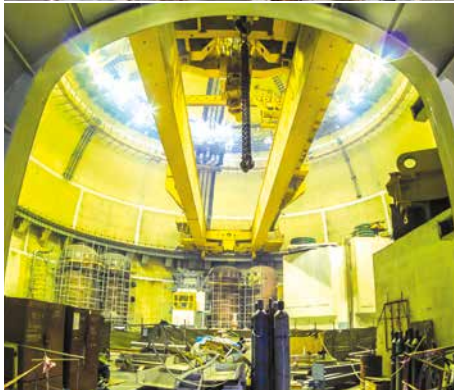
QUALIFICATIONS*

EDF UTO - Intellectual services and technical assistance

ORANO CAEAR

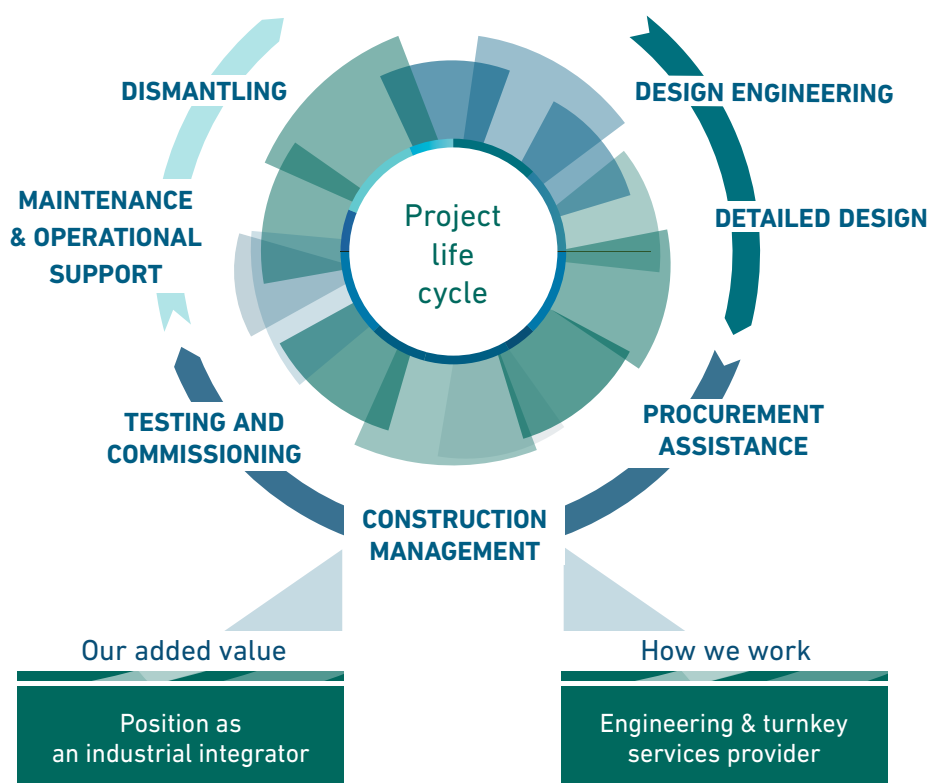
* may vary
according to entity

French research tax credit accreditation



From design to dismantling

Artelia supports you throughout the nuclear project life cycle



Providing solutions to nuclear safety challenges

- In-house tools for managing nuclear safety requirements, risk analysis and project needs applied to the nuclear industry.
- Comprehensive seismic studies for new and existing structures of all types.
- Integration of constraints relating to containment, radiation protection, criticality, fire, explosion and missile effects.
- Consideration of site conditions and of durability, maintainability and operation requirements.
- FE Analysis : thermo-mechanical, fluids, thermal ...
- Code checking RCC-M, RCC-MR, RCC-MRx, RCC-W ETC-C ...

Consulting
Master planning & feasibility
Design & engineering
Construction & project management
Asset & facility management
Turnkey solutions



Artelia is an international and multi-disciplinary group operating in the building construction, infrastructure and industry sectors.

6 100 employees based in more than 40 countries.

Artelia is 100% owned by its managers and employees.

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ARTELIA
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