



Offering independent and tailormade solutions to manage radioactive waste safely

Our engineers' expertise is based on state-of-the-art knowledge and experience in the management, minimization and characterization of radioactive waste produced during operational activities. It also includes the design of treatment, conditioning and storage facilities for all types of radioactive waste and the design of near surface, subsurface and deep geological repositories for final disposal .

Minimisation & characterisation

- Support you to reduce the quantity of waste and limiting any discharge of radioactive effluents into the environment
- Optimise your waste management by defining the most cost-effective option
- Help characterize waste via validated and customized in-house tools taking into account the waste characteristics and flows

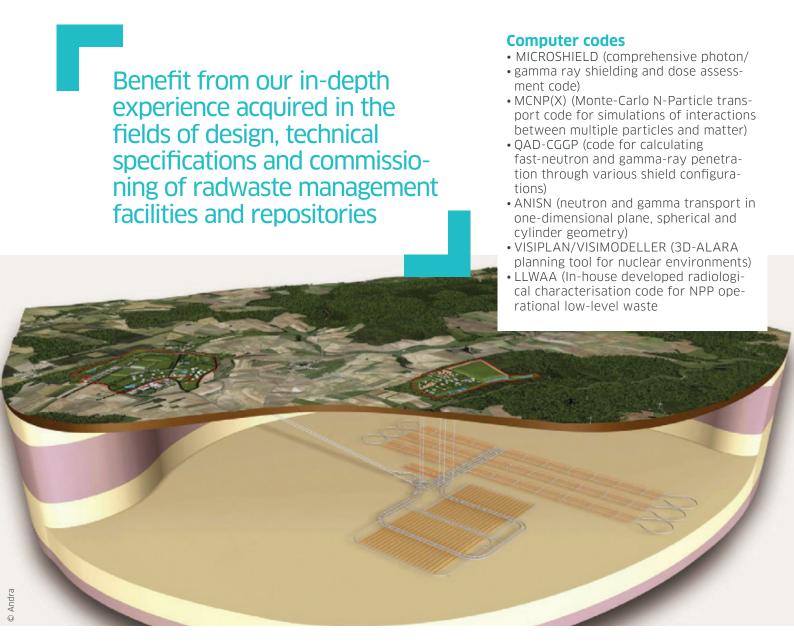
Treatment, conditioning & storage

- Help you select the most suitable installation to meet your requirements for treatment, conditioning and interim storage
- Streamline your radioactive waste analysis processes and provide advice about managing different types of waste
- Design your radwaste treatment, conditioning and storage facilities, and your spent fuel dry or wet storage facilities

Final disposal

- Manage all aspects related to waste disposal from the site selection to the design of the disposal facilities.
- Develop repository concepts for near surface, sub-surface or deep geological facilities that comply with waste acceptance criteria





SOME REFERENCES RADIOACTIVE WASTE MANAGEMENT

Belgium - ENGIE Electrabel - Setting up qualification files for the radioactive waste treatment and conditioning installations of Doel and Tihange NPPs

Belgium - ENGIE Electrabel - Architect Engineering mission for the dry and wet storage facilities of spent fuel assemblies of Doel and Tihange NPPs

Belgium - ONDRAF Belgian Waste Management

Agency - Architect Engineering mission for:

- the centralized Belgian treatment and conditioning facility for low-level waste
- the HRA-Solarium facility for the retrieval, treatment and conditioning of historical waste
- the interim storage buildings for low-level, medium-level, alpha-bearing and high-level waste.
- the design of the HADES experimental tunnel in deep layers for disposal of highlevel waste

Belgium - ONDRAF - Belgian Waste Management Agency - Site selection, generic and specific conceptual design and detailed design studies for the low-level waste surface repository

Belgium - ONDRAF Belgian Waste Manage-

ment Agency - Conceptual studies for the future Belgian deep geological disposal of medium- and high-level waste, including the waste conditioning and the underground disposal facilities

France - ANDRA French Waste Management

Agency - Complete preliminary and final design studies of the two sub systems "SS2 surface facilities" & "SS4 Underground infrastructures and tunnels" of CIGEO deep geological disposal facility for radioactive waste

France - ANDRA French Waste Management

Agency - Feasibility studies related to the vertical and horizontal transport systems of the deep geological disposal facility for high-level waste

France - ANDRA French Waste Management

Agency - Design of handling equipment of waste packages for sub-surface storage graphite and radium-bearing waste

France - CEA - Basic design of retrieval facilities for historical waste (FOSSEA)

France - EDF - Conceptual studies of pools for the storage of spent fuel assemblies (ECU project)

South Africa - ESKOM - Technical support for a dry storage facility for spent fuel assemblies

Switzerland - AXPO - Technical support for the licensing of a spent fuel dual purpose cask **Italy - SOGIN** - Radiological characterisation of the Trino NPP's primary system with LLWAA-DECOM computer code

Italy - EC - design review of the radioactive waste interim storage building of the Ispra site Bulgaria - EC - Radiological characterisation of the systems and equipment of the Kozloduy NPP units 1 and 2 which are due to be decommissioned

Lithuania - EBRD -Radiological characterisation of the systems and equipment of the Ignalina NPP units which are due to be decommissioned