

Benefits from R&D For Decommissioning and Remediation projects

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CEA (French Alternative Energies and Atomic Energy Commission) is both the operator of important nuclear facilities all over the nuclear cycle, in charge of major new built or Decommissioning and Dismantling (D&D) projects and a R&D group with dynamic policy of technology transfer.

The position of CEA in D&D is unique because of the number and the wide diversity of facilities under decommissioning, with some high level of contamination.

Innovative solutions are being developed in 6 main axes to protect the operators, to minimize the overall costs and the volumes of waste, especially used when preparing D&D operations: Investigations in the facilities, Radiological measurement of waste, Technologies for hostile environment, Decontamination of soils and structures, Waste treatment and conditioning and Methods and Information Technology (IT) Tools for project and waste management.

The last developments are shown and examples of industrial applications given. CEA is willing to share actions in partnership with other operators or with industrials dealing with the same problems to solve.

Country or International Organization

FRANCE

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