

SIP# 336 Round 2

Title: Treatment and encapsulation of radioactive medical waste

Acronym: Medical waste

Submitted by:

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Theme: Nuclear Energy (Euratom)

Focus Area: Radioactive waste management

Type of project: R&D project (small scale)

Summary: The treatment of radioactive medical waste is necessary to minimise the amount of waste for storage, encapsulation, transportation and eventual disposal. Necsa currently has a large volume of radioactive medical waste stored in carboys. Most of this waste were generated in research laboratories and hospitals can be categorised as low to medium radioactive (gamma-beta-alpha radiation) wastes. The purpose of the study will be to research the different treatment methodologies for these waste streams to be encapsulated for final disposal at the disposal site (Vaalputs).

Expertise offered: Certain analytical equipment, Laboratories, part of a post graduate study and radioactive medical waste

Previous FP involvement: None

Consortium status: none

Expertise sought: Guidance, information and collaboration research.

Related projects: None