



PRE-DIS

PRE-DISposal management of radioactive waste

Tipologia Progetto: EURATOM
Bando: NFRP-2019-2020
Grant Agreement: 945098
Codice Unico Progetto: I54I20000800006

Coordinatore: Teknologian tutkimuskeskus VTT Oy (VTT),

Responsabile INFN: Mauro Romoli
Sezioni Partecipanti: Sezione di Napoli – Sezione di Padova-LNS
Linked Third Party: Università L. Vanvitelli

Anno di Stipula: 2020
Durata: 48 mesi
Inizio: 01/09/2020
Scadenza: 31/08/2024

EU Contribution: € 225.125,00

Sito web:

Descrizione: The PREDIS project targets the development and implementation of activities for pre-disposal treatment of radioactive waste streams other than nuclear fuel and high-level radioactive waste. Member States will profit from measurable benefits including the further development and increase in Technological Readiness Level of treatment and conditioning methodologies for wastes for which no adequate or industrially mature solutions are currently available, including metallic material (WP4), liquid organic waste (WP5) and solid organic waste (WP6), and by testing and evaluating innovations in cemented waste handling and pre-disposal storage (WP7). These technical Work Packages align with priorities formulated within the Roadmap Theme 2 of EURAD and with those identified by the project's industrial End Users Group (EUG), and follow the 50% co-funding principle. Furthermore, PREDIS will produce tools guiding decision-making on the added value of the developed technologies and their impact on the design, safety and economics of waste management and disposal (WP2).

PREDIS will also liaise with EURAD to provide complementarity on areas including the adaptation and update of the reference founding documents of the EJP (vision, roadmap, governance and implementation mechanisms) (WP2), and the organisation of training courses and mobility training schemes to enhance sharing and transfer of knowledge and competences as part of knowledge management activities (WP3). The PREDIS consortium, which includes 47 partners from 18 Member States, and EUG, which specifically targets Radioactive Waste Producers (RWP) as a separate group within the radioactive waste management process. PREDIS also encompasses the wider European Community, allowing cross-fertilisation and interaction between different national programmes. Numerous dissemination activities (WP1), including with Nugenia, IAEA and NEA, will be undertaken to maximize PREDIS's impact to all the identified Stakeholders in the field