

SNETP Forum

PREDIS: HOW STAKEHOLDER ENGAGEMENT INFLUENCED THE PREDIS PROJECT AND MAXIMIZED THE VALUE AND IMPACT— LEADING TO IMPROVED SUSTAINABILITY IN RADIOACTIVE WASTE MANAGEMENT





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Introduction

The "PREDIS: Pre-disposal of Radioactive Waste" project (2020-2024) targeted the development and implementation of activities for pre-disposal treatment of radioactive waste streams, other than nuclear spent fuel and high-level radioactive waste. As R&D projects have greater impact when they focus on the needs of stakeholders and end users, interaction was established on different topics and at different moments in time.

In PREDIS, a distinction was made between End users and Stakeholders:

End users

* Radioactive waste

- producers* Waste owners
- * Waste management companies
 - * NDA signed

Stakeholders

- * Research entities
- * Supply industry
- * Service providers
- * TSO, regulators, CSO

Different roles were allocated:

End users

- * Drafting Gap analysis
- * Drafting and reviewing Strategic Research Agenda (SRA)
- * Direct involvement in R&D (e.g. material donation)
- * Interface between science and industry
- * Participation in annual workshops and giving feedback on project progress

Stakeholders

- * Invited to public events to "follow" the project
- * Invited to contribute to the SRA
- * Target audience for dissemination activities

Composition of the End user and Stakeholder community

End users	Stakeholders
25 End users (+ 16 partners)	119 stakeholders
17 countries	29 countries
Europe and USA	4 continents

Way forward

Join the EURAD-2 End user or Stakeholder community:

https://www.ejp-eurad.eu/end-users

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Different aspects of End user and Stakeholder engagement

1. Gap analysis

Took place at 2 different stages: during project preparation and at the start during the refinement and prioritisation phase



- During project preparation phase
- Evaluation of needs of industry and stakeholders for RD&D in predisposal waste management
- Active involvement of end users through IGD-TP and SNETP
- Focus: topics with highest added value for return in investment + needs of many MS



- Further review, refine and prioritise project plans against identified needs and discern additional needs
- Tools: surveys, live polling, webinars, interviews with end users, literature review, ...
- Refine scope of technical WP's
- Example of WP7: end user need for monitoring of internal waste package pressure

2. SRA drafting (second version of 2023)

- Input from end users through survey on needs and priorities vs. drivers → lead to topic selection
- Additional panel discussion

3. Driving R&D

From the start

- Gap analysis during preparation phase
- Determined studied waste streams

Early in the project

- Second Gap analysis: input on needs, challenges and priorities
- Confirmation of initial focus + refinement of technical scope

During the project

- Interactions during technical meetings
 - WP7: reference waste packages and mockups defined, based on end user needs
 - Participation in panel discussions

Conclusion







