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SNETP Forum

Strategic Knowledge Management for Radioactive Waste Disposal: A Review of EURAD and PREDIS

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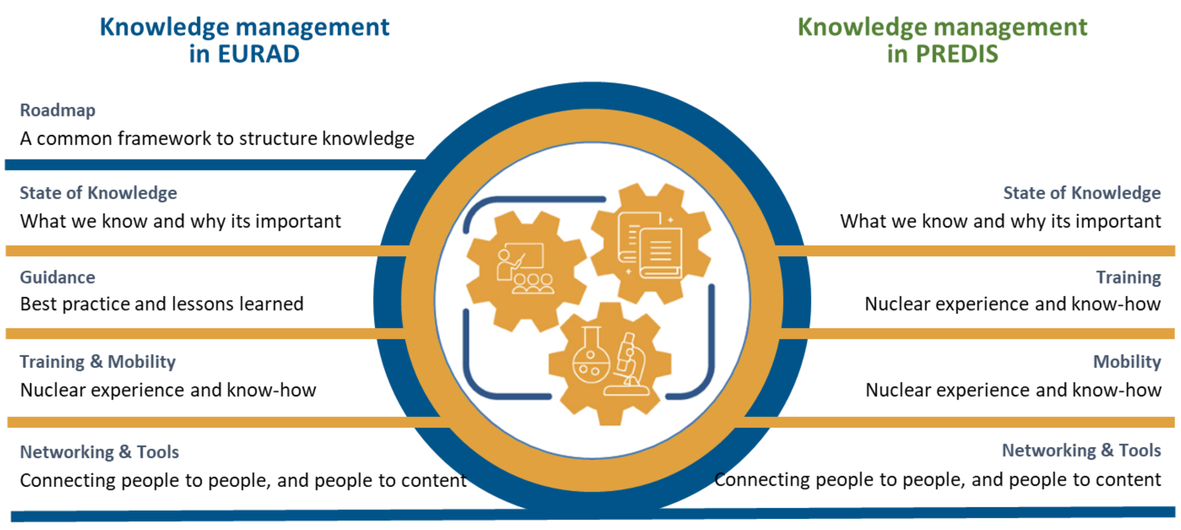
INTRODUCTION

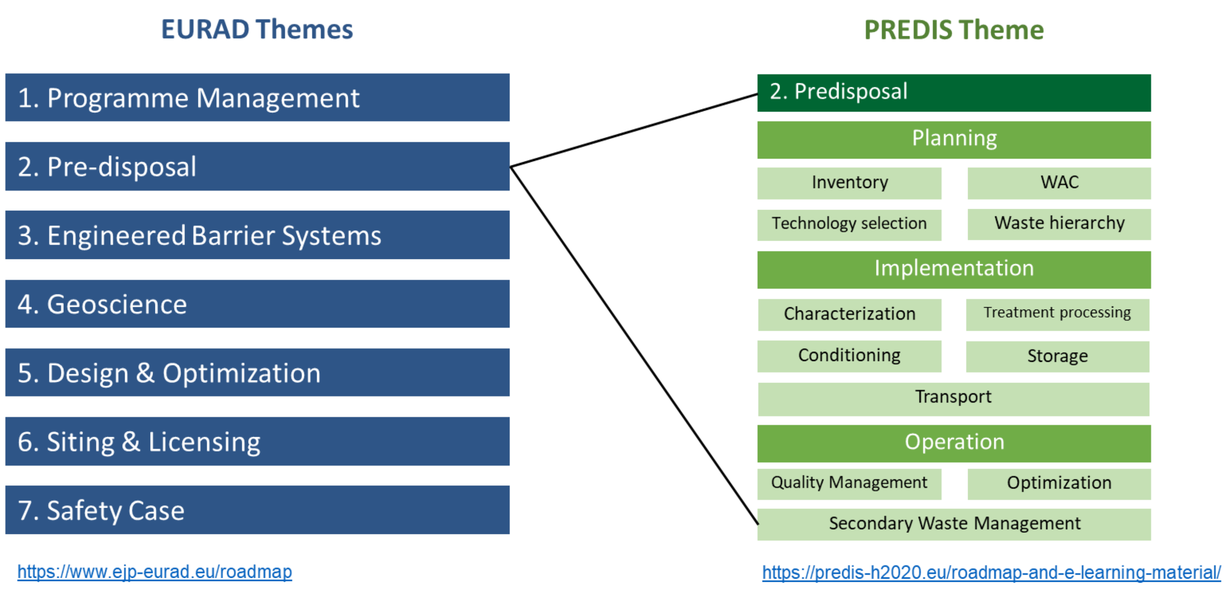
- EURAD (European Joint Programme on Radioactive Waste Management, 2019-2024)
- PREDIS (Pre-Disposal Management of Radioactive Waste, 2020-2024)

Both projects developed aligned Knowledge Management (KM) Programmes increasing the impact to the community.

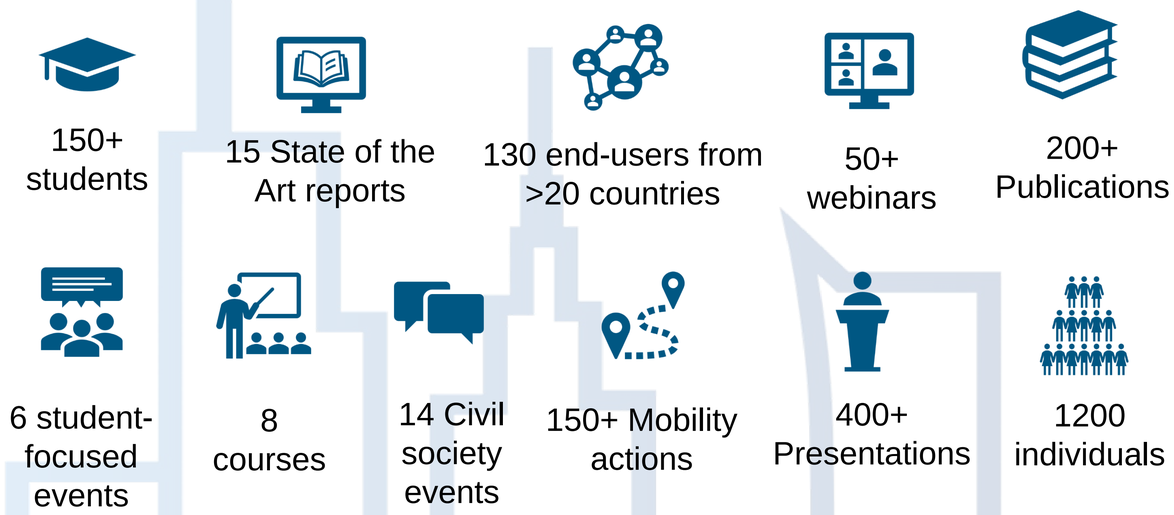


KEY ACHIEVEMENTS

KM activities in EURAD and PREDIS are inter-linked with the EURAD roadmap and classified by themes and sub-themes.



The following activities and actions have been achieved:



LESSONS LEARNT

The main lesson learnt from the development and implementation of the KM programmes in EURAD and PREDIS is the importance of the communication and networking between all interested parties.

- Creation of a School of Radioactive Waste Management (RWM) to coordinate all the activities
- Strategic mapping of knowledge to capture the state-of-knowledge
- Developing a powerful mobility programme to enhance the skills of next generation and newcomers
- Considering the needs of all generations and involvement of students on planning and implementation of the programme
- Continuous feedback collection to adapt the programme to the needs while the programme is running
- Fostering collaboration with other KM programmes to facilitate resource sharing, assess performance and guide the programme

IMPACT

EURAD, through the Roadmap, has signposted to existing knowledge that can be accessed internationally by capturing tacit knowledge of industry experts and building Communities of Practice across multiple domains, many of which may be sustainable beyond the lifetime of the joint programme itself.

- Fostering a better transfer of knowledge across generations of experts
- Helping to bridge the risk of shortage of the skilled, multidisciplinary human resources and critical infrastructure needed to develop, assess, license and operate RWM facilities

EURAD and PREDIS KM strategies have not only strengthened the EU's RWM community but also laid a foundation (through the Strategic Research and Knowledge Management Agenda) for future programmes, such as EURAD-2.

MORE INFORMATION

Beattie et al. 2022. Overview of knowledge management in EURAD. https://doi.org/10.1051/epjn/2022023

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EURAD Knowledge Management & Networking Programme, 2020-2024. EURAD Knowledge Management and Networking Programme | Eurad

Joint Statement on knowledge management, 2021. Joint statement on Knowledge Management - EURAD/PREDIS | Eurad

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