

WEBINAR ON EUROPEAN INFRASTRUCTURE NEEDS FOR RADIOACTIVE WASTE MANAGEMENT

EURAD-2 WP2 KM Task 3.2
9 March 2026 (10:00 AM – 12:00 PM CET)



Co-funded by the European Union under Grant Agreement n° 101166718



WELCOME!

On behalf of EURAD-2 Knowledge Management (KM) and the task team: Thank you all for joining us today

We have a full agenda and are looking forward to your inputs as part of an ongoing programme of work on radioactive waste management (RWM) infrastructures within EURAD-2

Today's Agenda:

- 1. Introduction (10:00-10:15)*
- 2. Presentations on Infrastructure Initiatives (10:15-11:15)*
- 3. Interactive Session with Live Polling (11:15-12:00)*

LOGISTICS / TEAMS ETIQUETTE

✔ Do's	✘ Don'ts
<ul style="list-style-type: none">• Please keep your microphone muted when not speaking• If you wish to speak, please use the "Raise Hand" feature and wait to be invited• You can also use the chat function to submit your questions• Please have cameras off unless presenting or asking questions• Keep your questions concise and relevant to the speaker's presentation	<ul style="list-style-type: none">• Please do not interrupt the speaker• Please do not unmute yourself without being invited• Avoid posting unrelated comments or questions in the chat

- Presentation slides will be shared after the webinar
- Discussions will be recorded to aid forward planning – the recording will only be available to KM partners

EURAD-2 RWM INFRASTRUCTURES TASK TEAM



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KM PMO
Representative

Infrastructures webinar, 9th March 2026

INTRODUCTION TO INFRASTRUCTURE ACTIVITIES WITHIN EURAD-2 (2024 - 2029)

WHAT DO WE MEAN BY RWM INFRASTRUCTURES?



Treatment / Conditioning Facility



Storage Facility



Disposal Facility



Research / Underground Laboratory



Test / Pilot Facility



High Performance Computing (HPC)
/ Data Facility

SUBTASK 3.2 INFRASTRUCTURES – OBJECTIVES & BACKGROUND

Background

- Builds upon work in support of the EURAD Mobility Programme (supporting knowledge and skills exchange for RWM professionals, students and researchers)
- **EURAD-1 (2019-2024) output: list of research infrastructures** (compiled in 2020 under EURAD-1 WP13)

Subtask 3.2 objectives & scope

- To maintain an **updated list of available infrastructures**, identifying where there is potential for mobility actions
- To **use the updated list** to facilitate an **analysis of gaps in existing infrastructures**, considering RWM **infrastructure requirements across the EU** and the extent to which these are expected **to be met based on existing and currently planned facilities**

EURAD-2 RWM INFRASTRUCTURE CATALOGUE: <https://euradschool.eu/infrastructures/>

Infrastructure	Host organization	Open to mobility action	Type of infrastructure	Contact person	Type of organization	Country
Waste Management Plant	Nuclear Engineering Siebersdorf GmbH	Yes	Research laboratory	office@nes.at	Waste Management Organization	Austria
HADES Underground Research Laboratory	EURIDICE	Yes	Underground laboratory	info@euridice.be	Research Entity	Belgium
Laboratories for Waste and Disposal research	SCK CEN	Open to discussion	Targeted Medium term Infrastructure (TAMI)	Christophe Bruggeman	Research Entity	Belgium
"Nuclear Energy Demonstration Laboratory" at Department of Thermal and Nuclear Power Engineering	Technical University of Sofia (TUS)	No	Education and Research Laboratory	Published when available	Research Entity	Bulgaria
"Radiation protection laboratory" at Department of Thermal and Nuclear Power Engineering	Technical University of Sofia (TUS)	No	Education and Research Laboratory	Published when available	Research Entity	Bulgaria
"Laboratory for simulation modeling of processes in nuclear power plants" at Department of Thermal and Nuclear Power Engineering	Technical University of Sofia (TUS)	No	Education and Research Laboratory	Published when available	Research Entity	Bulgaria
ÚJV - Disposal Processes and Safety Laboratory	ÚJV Řež, a. s.	Yes	Research laboratory	Published when available	Waste Management Organization	Czech Republic
Mobile Group	SURO	Yes	Research laboratory	Irena Češpírová	Technical Support Organization	Czech Republic

- Updated version published on the School of RWM website in January 2026
 - Improved coverage and accuracy
 - Information captured on potential support for mobility actions and collaborations
- Scope of updates set out in Milestone 23 report published on EURAD-2 website
- Further updates planned later in EURAD-2

EURAD-2 FORWARD PROGRAMME ON RWM INFRASTRUCTURES



- Infrastructure list is used to inform the Year 2 work programme, with work focusing on:
 - **Exploring infrastructure capabilities** against national programme needs
 - **Identifying critical infrastructure** needs, gaps, and long-term sustainability at the EU level
- Will undergo further updates and functionality enhancements over the course of EURAD-2
- **Over the next six months**, we will be **focusing on examining infrastructure requirements** to support national programme delivery and will consider how existing facilities align with identified needs, now and in the long term
 - To be set out in **Deliverable D2.3**, (*Report on recommendations for the long-term maintenance of critical infrastructure for RWM at the European level*), **scheduled for completion in September 2026**
- **Programme planning** is also **underway for infrastructure-related activities** over Years 3-5 of EURAD-2, which will inform an update to the above deliverable

THANK YOU



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INFRASTRUCTURE INITIATIVES (10:15 - 11:15)

TODAY'S PRESENTERS

- **10:15 – 10:30 Bob Hoogendoorn**, *project leader for Geological Services for Europe (GSEU)* (EuroGeoSurveys)
- **10:30 – 10:45 Jörg Rothe**, *Head of Radionuclide Speciation/Analytics Department* (Karlsruhe Institute of Technology (KIT))
- **10:45 – 11:00 Máté Kukovecz**, *Policy-Coordinator* (DG-ENER)
- **11:00 – 11:15 Stefaan Van Winckel**, *Research Scientist* (Joint Research Centre (JRC))



eurad²

INTERACTIVE SESSION (11:15 - 12:00)

INTERACTIVE SESSION - INTRODUCTION

- As mentioned earlier, over the next six months, we will be focusing on examining infrastructure requirements to support national programme delivery and will consider how existing facilities align with identified needs, now and in the long term
 - This will inform preparation of Deliverable D2.3.
- There are many different aspects of RWM infrastructure that could be explored – it's a large and complex topic!
- Three polls have been created to gather some early information to aid our planning and maximise the value of the analysis conducted
 - Further engagement, targeted at specific stakeholder groups is planned over the next few months

POLLING QUESTION 1

What types of RWM infrastructures are of particular interest to you?

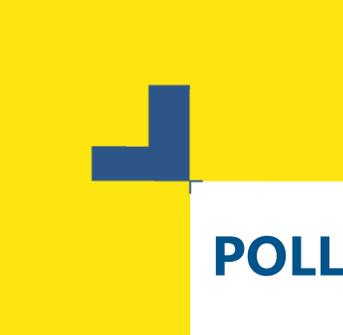
Pre-treatment/Treatment Facilities	Conditioning Facilities	Storage Facilities	Disposal Facilities
Research Laboratories	Test/Pilot Facilities	Underground Laboratories	Educational/Training Facilities
High Performance Computing (HPC) Facilities (e.g. modelling or simulations)	Data Management Facilities	Other	

POLLING QUESTION 1 (RESULT)

What types of RWM infrastructures are of particular interest to you?

Pre-treatment/Treatment Facilities	11% (23)
Conditioning Facilities	9% (20)
Storage Facilities	9% (20)
Disposal Facilities	18% (38)
Research Laboratories	13% (28)
Test/Pilot Facilities	7% (16)
Underground Laboratories	11% (24)
Educational/Training Facilities	7% (16)
High Performance Computing (HPC) Facilities (e.g. modelling or simulations)	4% (9)
Data Management Facilities	6% (13)
Other	0% (0)

73 responses



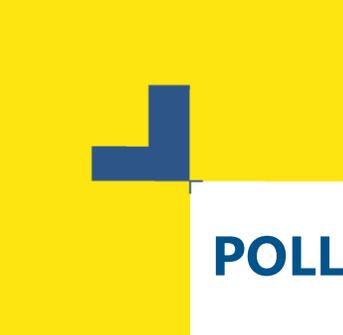
POLLING QUESTION 2

What gaps are you aware of in relation to RWM infrastructures?

POLLING QUESTION 2 (RESULT)

What gaps are you aware of in relation to RWM infrastructures?





POLLING QUESTION 3

Which groups of stakeholders should we engage with to explore critical infrastructure needs?

POLLING QUESTION 3 (RESULT)

Which groups of stakeholders should we engage with to explore critical infrastructure needs?

Which groups of stakeholders should we engage with to explore critical infrastructure needs?

management organisations government representatives
management agencies Waste producers enviroment regulators Host Communities
Engineering options Waste management Generation Network Waste generators
Civil Engineering operators end users Regulatory Authorities
Nuclear engineering WMO
Young Generation Civil Society
support organisations engineering services

65 responses

SUMMARY AND CONCLUSIONS

- We will consider your inputs today in planning further engagement activities over the next six months, feeding into Deliverable D2.3 (*Report on recommendations for the long-term maintenance of critical infrastructure for RWM at the European level*)
- Planning of the Year 3-5 programme of KM work on infrastructures is ongoing
 - Including update and enhancement of the EURAD-2 RWM infrastructures list
- Please feel free to contact us to provide further feedback

**THANK YOU FOR
YOUR ATTENTION**

**Contact us for any questions, suggestions,
proposals**

- Liz Harvey ejh@galson-sciences.co.uk
- Abishek Mishra abm@galson-sciences.co.uk
- Stella Foster sjf@galson-sciences.co.uk

On behalf of EURAD-2 RWM Infrastructures
task team



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