

WP02 KM – TASK 3

Knowledge Application & Know-how Development

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

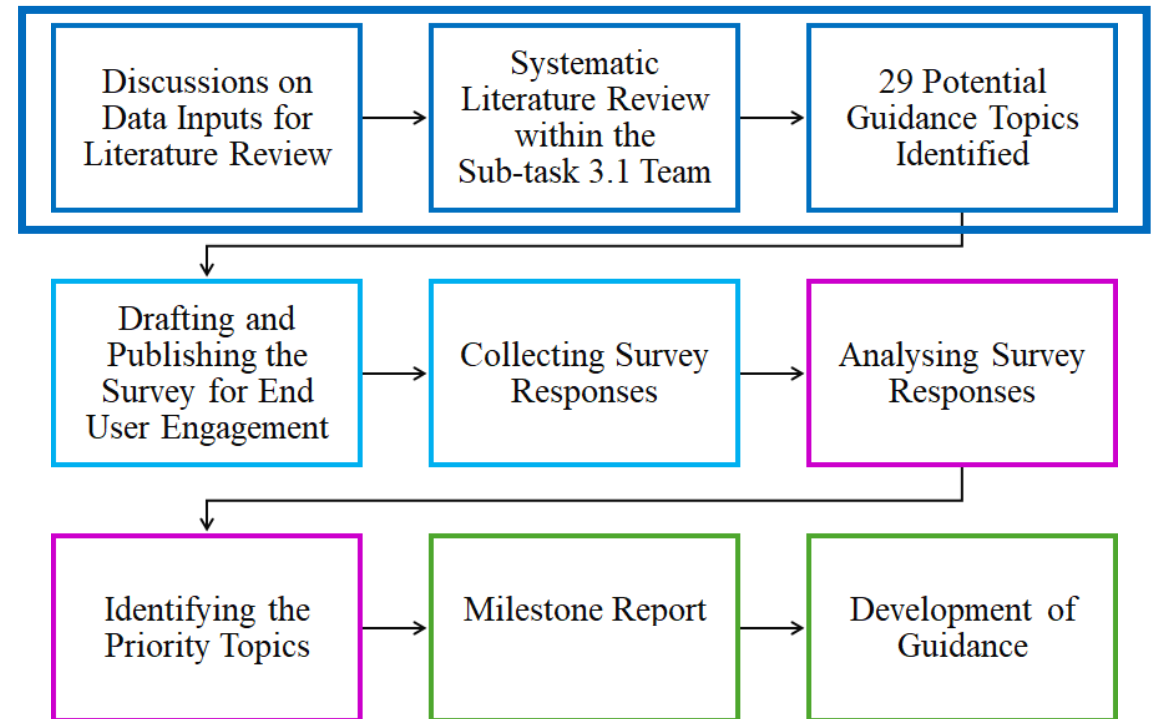
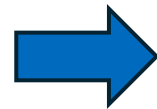
OVERVIEW OF TASK 3

- **Overall aim:** provide guidance on best practice and/or best available technologies as well as on increasing efficiency at the European-scale by examining the use of critical infrastructures in the area of RWM
- **Two subtasks:**
 - 3.1) Guidance** – support implementation of the national programmes within Member States, particularly SIMS and early-stage programmes, by providing them with insights from more advanced programmes (including examples of successful practices)
Partners: GSL (lead), BGE, EIMV, PURAM, SSTC NRS, UJV
 - 3.2) European infrastructures on RWM** – increase efficiency of activities at a European level by examining the use of critical infrastructures in the area of RWM
Partners: GSL (lead), A21, KIT, SCK.CEN

SUBTASK 3.1 GUIDANCE – YEAR 1 APPROACH

An initial ‘shortlist’ of 29 potential topics was identified via:

- Screening, gap analysis and prioritisation of topics under EURAD-1
- Lessons learned from subsequent EURAD-1 guidance delivery
- Review of needs identified in relevant Strategic Research Agendas, gap analyses and meeting records
- Engagement with EURAD-2 partners



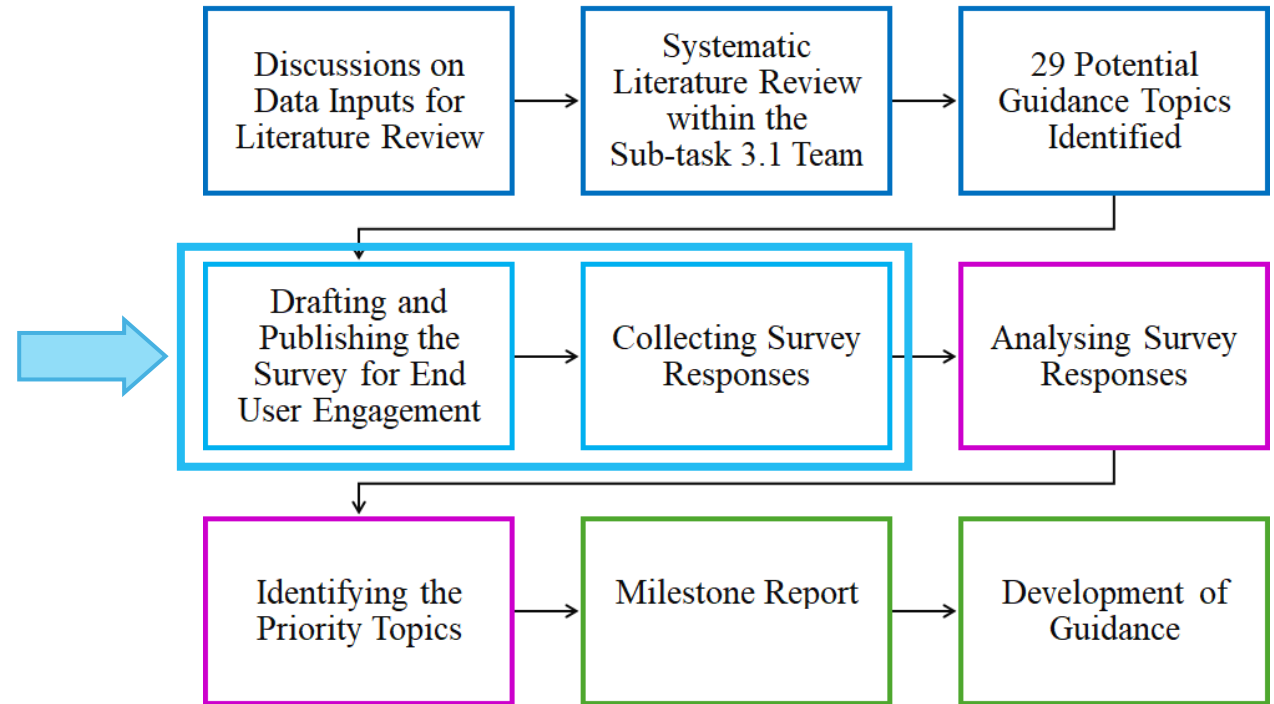
SUBTASK 3.1 GUIDANCE – YEAR 1 APPROACH

A survey was conducted to gather feedback on guidance needs

- Issued to all registered EURAD-2 End Users, stakeholders and partners
- Input sought on priority topics for further guidance
- Survey remains open (see QR code)



[EURAD-2 Task 3.1
Guidance Survey link
\(via QR\) – remains
open to responses](#)



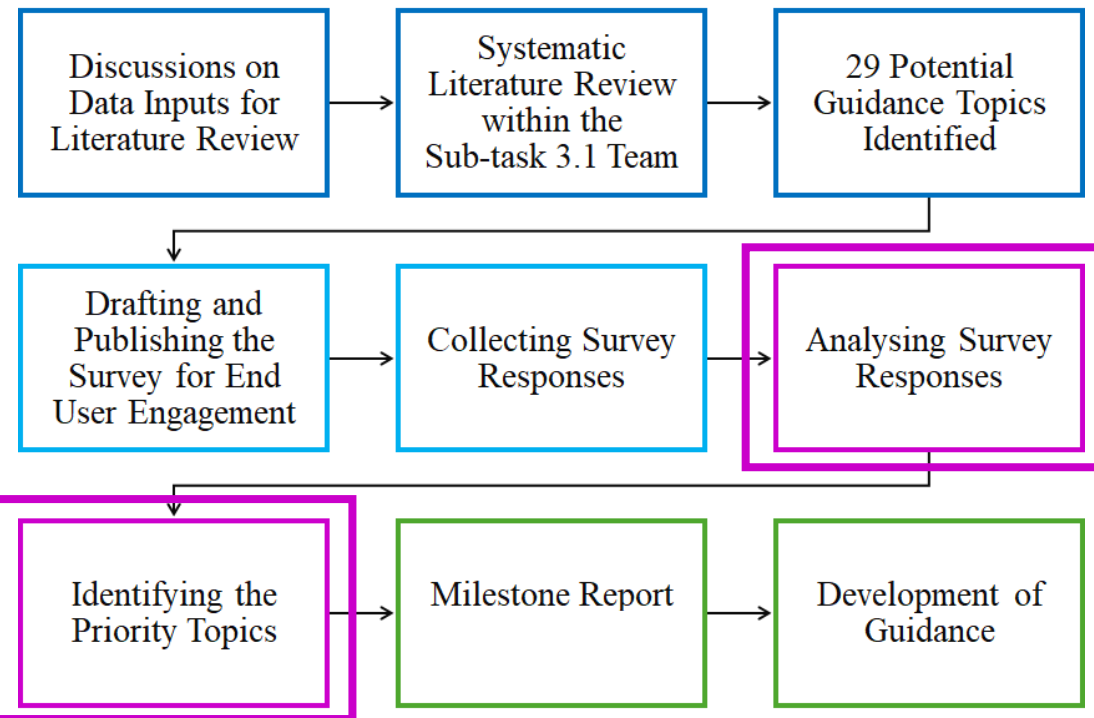
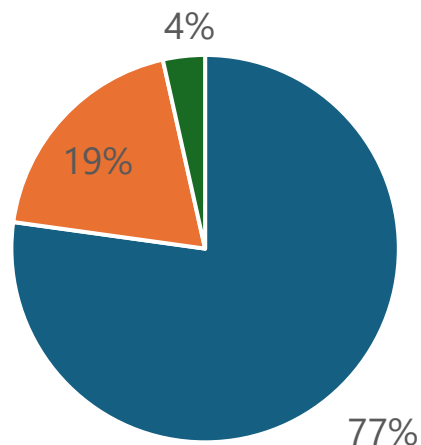
SUBTASK 3.1 GUIDANCE SURVEY – RESULTS OVERVIEW

Survey results:

- 57 unique responses received by closing date
- Majority of respondents were EURAD-2 Partners
- 26 countries represented

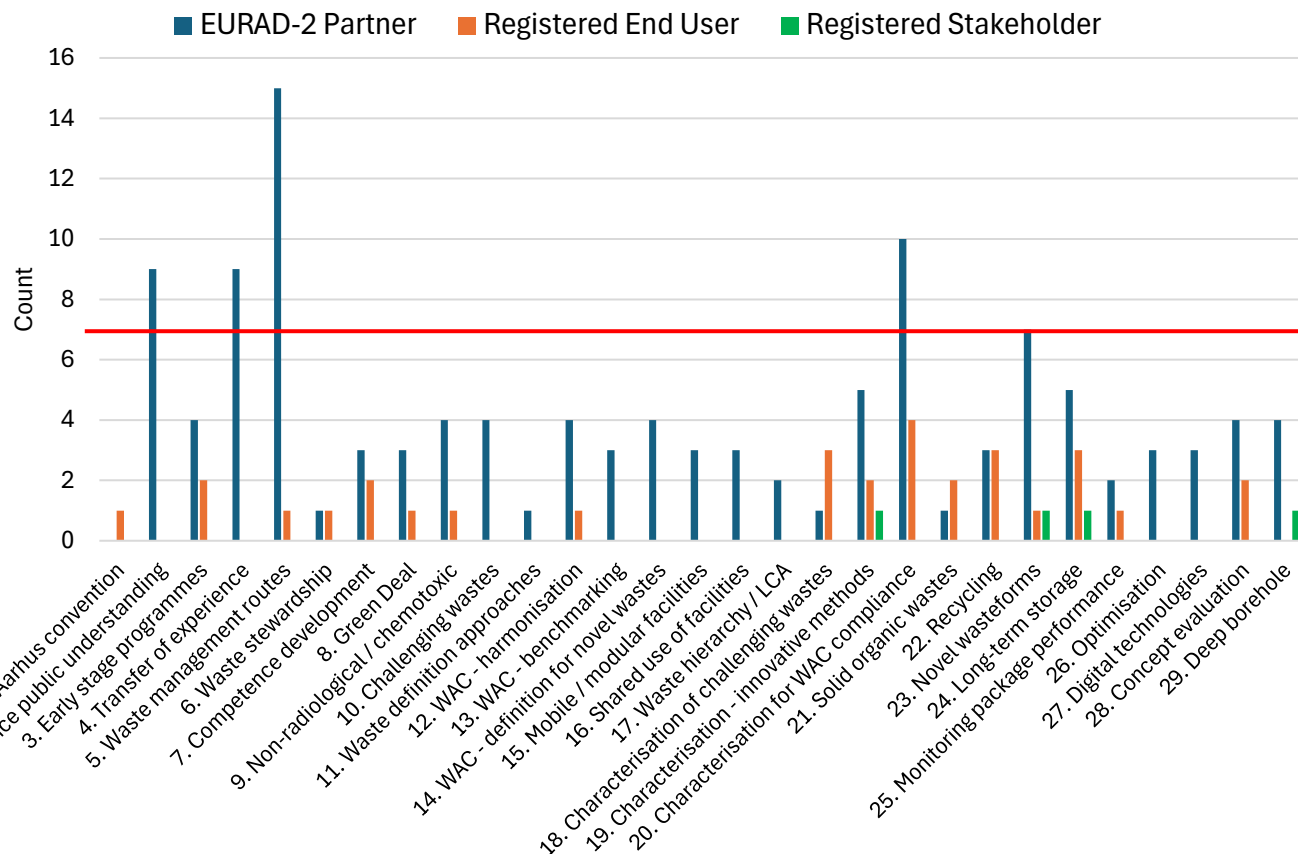
Respondent type

- EURAD-2 Partner
- Registered End User
- Registered Stakeholder



SUBTASK 3.1 GUIDANCE SURVEY – RESULTS

Guidance Survey responses



Analysis of responses

- Focused on those receiving >7 votes
- Further feedback was sought to generate prioritised list of topics, informed by discussion with
 - Sub-task 3.1 team
 - IAEA representatives

Most popular topics (total votes > 7)

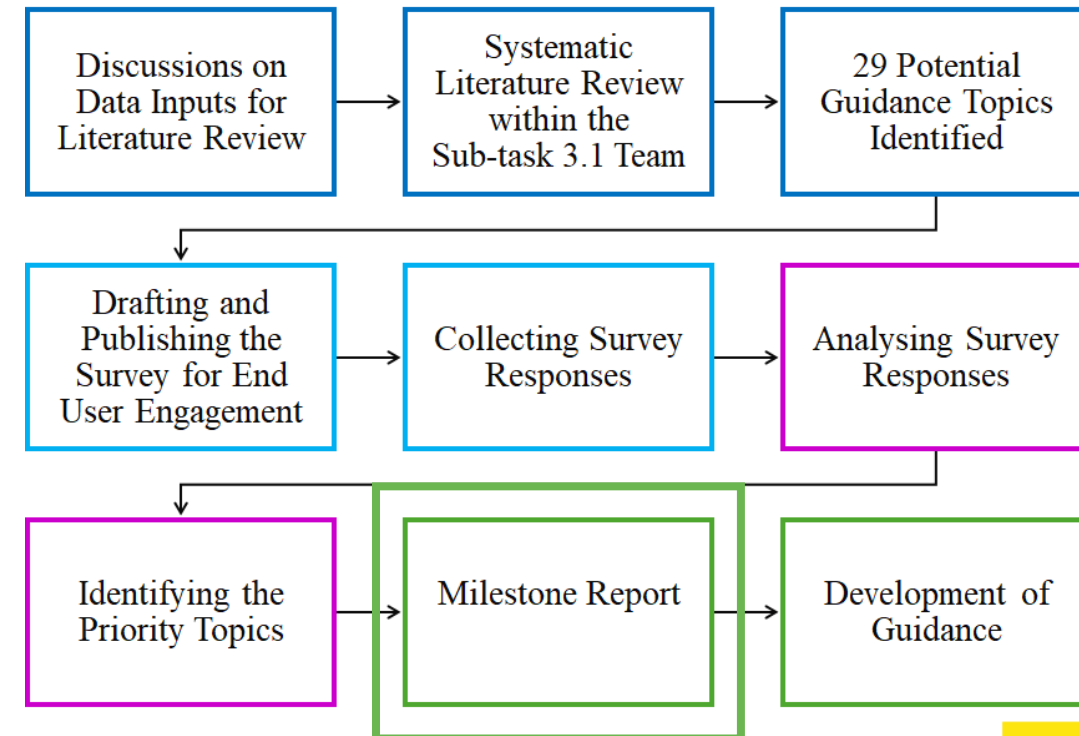
#	Topic	Number of Votes
2	Enhance public understanding	9
4	Transfer of experience	9
5	Waste management routes	16
19	Characterisation - innovative methods	8
20	Characterisation for WAC compliance	14
23	Novel wasteforms	9
24	Long-term storage	9

SUBTASK 3.1 GUIDANCE CONCLUSIONS & NEXT STEPS

Milestone 21: Prioritisation of KM guidance documents to be produced by Month 24/56 (Task 3)

Work Package 2 Knowledge Management

- EURAD-2 work programme is well-aligned with the EURAD SRA
- Signposting to existing or planned guidance may be the most appropriate action for:
 - Public participation and science communication
 - Waste management routes for a range of challenging and novel wastes
 - Methods for waste characterisation
 - Waste acceptance criteria (WAC)
- Further engagement with:
 - EURAD-2 Work Packages, partners, End Users and stakeholders
 - international bodies producing guidance
- Case studies suggested to compliment existing guidance
- Next steps for all 29 topics are summarised in milestone report
- The guidance survey remains open – further feedback is welcomed
 - Another information-gathering exercise later in EURAD-2 → increased focus on identifying industry needs?
- Year 2 activities will focus on dissemination and responding to needs identified





SUBTASK 3.2 INFRASTRUCTURES – OBJECTIVES & BACKGROUND

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

Background

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

SUBTASK 3.2 : INFRASTRUCTURES – YEAR 1 APPROACH

Review current status of critical RD&D infrastructures

- Starting point: existing infrastructure list developed in EURAD-1
 - Table of 63 infrastructures including laboratories, storage facilities and disposal facilities
 - Entries from waste management organisations, research entities, and technical support organisations
 - Available on the EURAD school website: <https://euradschool.eu/infrastructures/>
- Check accuracy & completeness of entries
 - Many entries missing a point of contact (email)
- Add new RWM facilities; incorporate input from new partners and End Users
- Indicate availability for mobility support
- Information gathering via survey

Updated list of infrastructures (Milestone 23, Month 6 – delayed to Month 12)

SUBTASK 3.2 : INFRASTRUCTURES - SURVEY

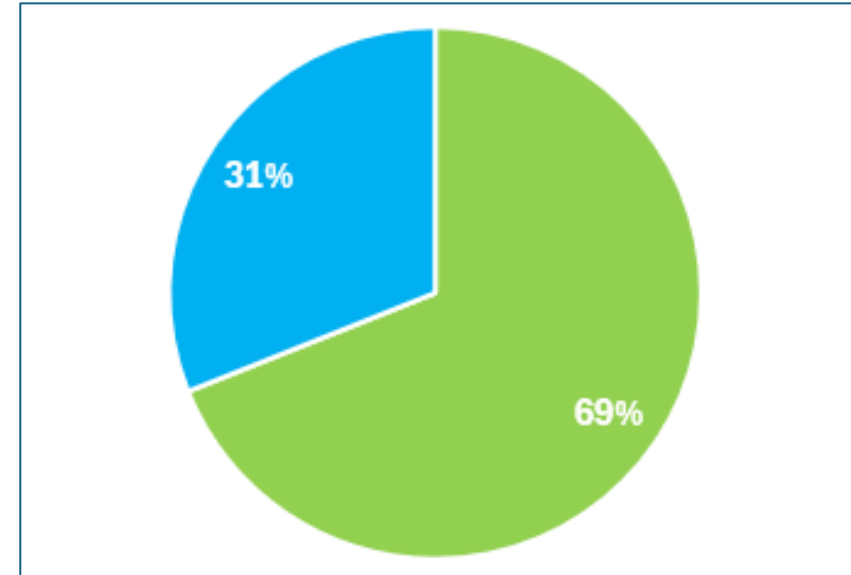
- **Respondents:** EURAD-2 partner, End User and stakeholder organisations
- **Purpose:** Update and expand the RWM infrastructure list
- **Objectives:**
 - Confirming and updating existing entries
 - Adding new RWM infrastructures (not limited to those available to support mobility actions)
 - Providing specific contact details for each infrastructure
- **Timescales for responses:** 15 July – **15 September 2025** – **closes this week!**
- Results to feed into updated list of infrastructures (Milestone 23) due 30 September 2025



[EURAD-2 Task 3.2 Infrastructures Survey – Still Open to Responses](#)

SUBTASK 3.2 : INFRASTRUCTURES – SURVEY RESPONSES SO FAR

- 29 responses – thanks for your inputs so far
- Green corresponds to new entries or updates on the existing entries on the list
- Blue colour corresponds to the respondents adding no new entries to the list
- 29 new entries provided by 17 respondents



SUBTASK 3.2 : INFRASTRUCTURES – NEXT STEPS

- **Examine current and future infrastructure needs**
 - Seek inputs from WMOs on facility needs to support national programme delivery
- **Gap analysis**
 - Mapping of available expertise/facilities against needs, now and in the future
- **Workshop in Year 2 on status, needs and gaps**
- **Report drafting, review and update**
 - (Initial) Report on recommendations for the long-term maintenance of critical infrastructure for RWM at the European level (Deliverable D2.3, Month 24)

THANK YOU FOR YOUR ATTENTION

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

FISA EURADWASTE 2025

SNETP Forum

Knowledge Application and Know-How Development within EURAD-2

eurad2

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Overview of EURAD-2 Work Package 2, Task 3

- Building on EURAD and the PREDIS project, EURAD-2 takes an integrated approach to delivering Knowledge Management (KM) activities across its technical programme, aimed at capturing and transferring expertise in radioactive waste management (RWM).
- Within Work Package 2 of EURAD-2, Task 3 focuses on knowledge application, with the aim of supporting RWM activities in Small Inventory Member States (SIMS) and early-stage programmes.
- This is being done through the provision of targeted guidance, as well as highlighting available RWM infrastructures across Europe.

KM Task 3 Timeline (2025)

Guidance Development:

- Jan 2025: Collate inputs and conduct review to identify potential topics
- Mar 2025: End User / Stakeholder survey
- Apr 2025: List of prioritised guidance topics (Milestone 21)
- May 2025: Assign author teams
- ~Oct 2025: Guidance first drafts

RWM Infrastructure:

- Jan 2025: Task 3 Kick-Off
- Apr 2025: Define scope of 'infrastructures'; begin review
- June 2025: Updated list of 'infrastructures' (Milestone 23)
- ~Oct 2025: Workshop on status, needs and gaps

Guidance Development

Why? To support knowledge transfer on successful RWM practices

Work so far? Identifying priority guidance areas through document review and engagement with EURAD-2 End Users and Stakeholders

Building on successful guidance development initiatives under EURAD and learning from recent SIMS engagement initiatives

Next steps? Around 30 possible topics have been identified – two to be taken forward in first two years of EURAD-2 – selected via screening, gap analysis & prioritisation

Guidance to be developed by subject matter experts drawn from within the EURAD-2 partnership

Tell us what you think! Survey of guidance needs is available here:

European RWM Infrastructures

Why? A list of RWM infrastructures was collated in EURAD to enhance accessibility and to support mobility activities. EURAD-2 has new partners, End Users and Stakeholders, so the list of available infrastructures needs expanding.

There is also a long-term need to maintain, develop and share critical RWM infrastructures at a European level, and to ensure associated capabilities are aligned with the implementation of European national waste management programmes.

Next steps? Survey of available RWM infrastructures (e.g. underground research laboratories, geochemical labs, waste treatment facilities...)

Gathering inputs from waste management organisations (WMOs) to identify future infrastructure needs and conducting a mapping exercise to understand gaps and emerging needs as existing facilities reach the end of their operating lifetime.

Exploring shared access and maintenance / operating strategies for key facilities across European national programmes.

Contact for further information: Liz Harvey (Task 3 Lead) ejh@galson-sciences.co.uk

Acknowledgements: EURAD-2 has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement n°101166718

13th European Commission Conference on EURAD20M Research and Training in Reactor Safety & Radioactive Waste Management
12-16 May 2025, Warsaw, Poland