Supplement of

EURAD School of Radioactive Waste Management

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EURAD KNOWLEDGE MANAGEMENT & NETWORKING PROGRAMME

1. Roadmap
   A common framework to structure knowledge

2. State of Knowledge
   What we know and why it’s important

3. Guidance
   Best practice and lessons learned

4. Training & Mobility
   Nuclear experience and know-how

5. Networking & Tools
   Connecting people to people, and people to content
IAEA defines knowledge management (KM) as:

“an integrated, systematic approach to identifying, acquiring, transforming, developing, disseminating, using, sharing and preserving knowledge, relevant to achieving specified objectives”*

“Enhance knowledge management and transfer” is one of EURAD’s main objectives

EURAD Knowledge Management & Networking Programme

• Cohesive programme
• Important for the safety of (geological) waste disposal, now and in the future

*: Karseka and Yanev, IAEA, 2013
The School of Radioactive Waste Management (RWM) aims to assist end-users in:

- “an integrated, systematic approach to identifying, acquiring, transforming, developing, disseminating, using, sharing and preserving knowledge (and skills), relevant to achieving specified objectives”

To this end, the School supports competence (= knowledge, skills and attitudes) building through:

- A portfolio of needs-driven training courses (and gaps in the Roadmap)
- A dedicated Mobility Programme
- Organization of webinars on broad and specific topics by subject-matter experts
- Maintaining a library of webinar recordings
- Support for the EURAD PhD community
- Host a discussion forum to reinforce networking within the ‘EURAD family’

Centralized on a dedicated website: [https://euradschool.eu/](https://euradschool.eu/)
EURAD SCHOOL OF RADIOACTIVE WASTE MANAGEMENT

The School of RWM’s end-users are:

• (Junior/Senior) Professionals
• PhD students
• Post-docs
• Students
• Civil Society
THE EURAD SCHOOL OF RADIOACTIVE WASTE MANAGEMENT

School of Radioactive Waste Management

Courses  Mobility  Webinars  PhDs

Input from end-users (bottom-up)
EURAD SCHOOL OF RWM – NEEDS-DRIVEN TRAINING COURSES

“Education and training are the totality of actions of increasing the knowledge, skills and attitudes of people to prepare them for doing a particular job”

• Needs-driven
  • End-user feedback was gathered (March – May 2020)
  • Training needs were identified (April 2021)

• Training courses organized in EURAD are:
  • Based on end-user needs (and identified gaps in the Roadmap)
  • In collaboration with RD&D and Strategic Studies WPs
  • Provide access to nuclear experience and know-how of the EURAD subject matter experts

• Main goal: effective knowledge transfer and competence building towards end-users
EURAD SCHOOL OF RWM – NEEDS-DRIVEN TRAINING COURSES

• Implementation of training courses varies depending on the:
  • Training needs
  • Target audience
  • Type of knowledge to be transferred (explicit vs implicit vs tacit)
  • Desired competences to be acquired
  • Learning outcomes

➔ Guidance document: ‘Quality criteria and training specifications as a reference guide of requirements and expectations of the training courses to be developed’
EURAD SCHOOL OF RWM – NEEDS-DRIVEN TRAINING COURSES

The School aims to provide context to its training course portfolio

• The field of RWM is very diverse and transdisciplinary
  • E.g. chemistry, social interactions, long-term commitment, interactions with governments, etc.

• Each individual training course = 1 piece of the puzzle
  • Focus on one specific topic (e.g. deep geological disposal)

• The School’s portfolio of training courses = collection of courses and topics:
  • Deep geological disposal
  • Interaction with Civil Society
  • Legislation
  • …

➔ Portfolio provides context to help learners see ‘the big picture’

➔ Ultimately leads to a higher level of competence of the learners
EURAD SCHOOL OF RWM – MOBILITY PROGRAMME

• The EURAD Mobility Programme supports PhDs, post-docs and junior professionals in performing:
  • Internships
  • Technical visits

• Focussed mostly on implicit and tacit knowledge

• Based on learner needs
  • Applicants can contact EURAD partners directly with specific questions
  • List of infrastructures is available on School website: https://euradschool.eu/infrastructures/

• EURAD partners can offer internships on the School website
EURAD SCHOOL OF RWM – MOBILITY PROGRAMME

• Applications and evaluations via an online platform (Evalato)
  • https://pro.evalato.com/2185

• Intra-WP and cross-WP mobility actions

• Beneficiaries submit a detailed mission report
  • Important for KM within EURAD and radioactive waste management in general
  • Knowledge gained and created during mobility actions is recorded
  • Mission reports are shared via the School’s website, to assure access to the knowledge therein
    • https://euradschool.eu/previous-mobility-actions/
EURAD SCHOOL OF RWM – WEBINARS

- The School organizes webinars on broad and specific topics by subject-matter experts, e.g.:
  - Nuclear Knowledge Management
  - PREDIS
  - The US Nuclear Waste Management and Disposal Strategy
  - …

- Sharing knowledge with the entire EURAD community and beyond (e.g. PREDIS, IAEA, OECD-NEA, …)

- Recorded in order to preserve knowledge and facilitate dissemination (https://www.youtube.com/playlist?list=PLahXOQn-bremN911lEn0w8yAzQyuUR3ky)
# EURAD SCHOOL OF RWM – WEBINARS

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* As of October 14th 2021
EURAD SCHOOL OF RWM – SUPPORT THE PHD COMMUNITY

• The School wants to support the EURAD PhD community by providing:
  • Information on available/upcoming courses
  • The possibility to perform mobility actions
  • An overview of all PhD research performed in EURAD (https://euradschool.eu/overview-of-phds/)
  • A list of events of interest for PhD students
  • A discussion forum (https://forum.euradschool.eu/)

• The aim is to foster a community between the PhD students
EURAD SCHOOL OF RWM AND KNOWLEDGE MANAGEMENT & NETWORKING PROGRAMME

• Training courses:
  • Signposted on the Roadmap and fulfil end-users’ needs
  • State-of-the-Art knowledge and expertise as input (WP11 + 12)

• Mobility Programme:
  • Sharing and obtaining tacit and implicit knowledge in the EURAD community (e.g. through access to dedicated infrastructures)
  • Mission reports are made publically available and are linked to EURAD WPs, Themes and phases of a disposal programme

• Webinars:
  • Open to all, on a wide variety of topics
  • Recordings are publically available

• PhDs
  • Foster a community and stimulate interactions between students and experts
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QUESTIONS?

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