

CAPTURING THE STATE-OF-KNOWLEDGE (SOK)

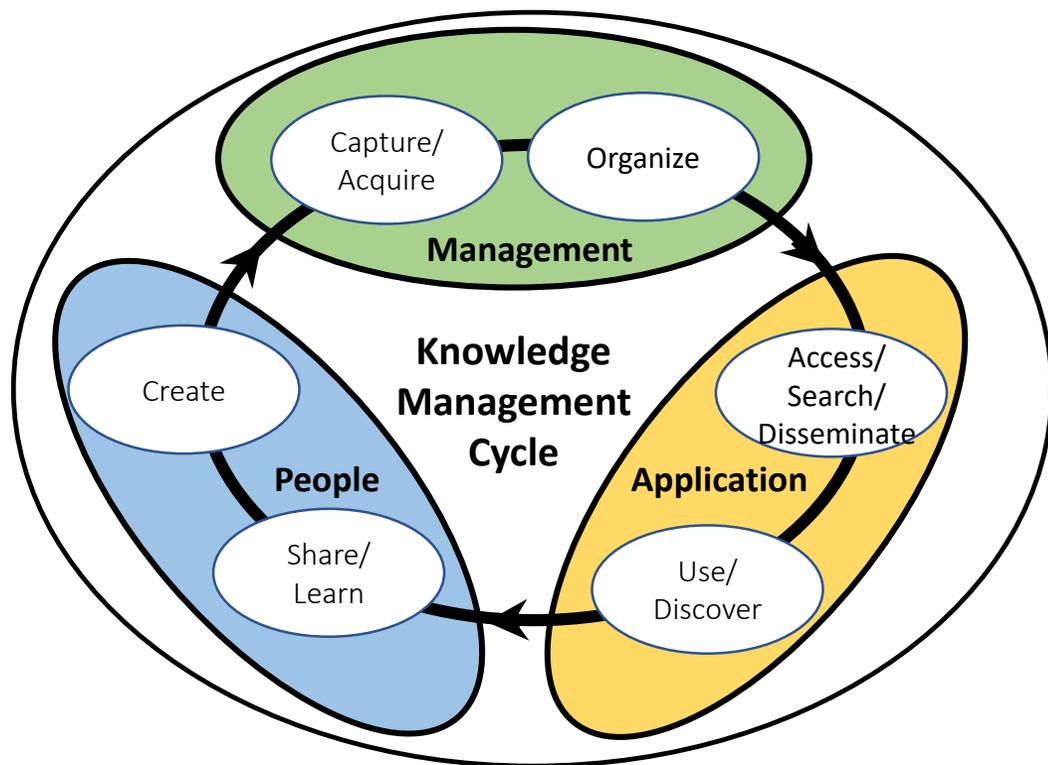
PREDIS Training Sessions on Domain Insight Documents

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CAPTURING THE STATE-OF-KNOWLEDGE



Knowledge Management Lifecycle (McIntyre, Gauvin and Waruszynski, 2003)

State-of-Knowledge (SoK): *the science and technology underpinning RWM in a given topic after decades of research*

Main Goal: Establish the SoK, i.e. **preserving, capitalising and providing open-access to knowledge** that can be extracted by present and future generations of experts, and end-users in Europe and other stakeholders in Europe and beyond: WMOs, TSOs, REs, Programme Owners, Civil Society

Approach: **Collecting experts' view** on the most relevant knowledge and associated uncertainties in a specific domain applied in the context of a RWM programme and **make it accessible** to the end-users

TOPICS ALIGNED WITH THE EURAD GOALS BREAKDOWN STRUCTURE (GBS)

GBS: Hierarchical structuring of topics allows organisation of and navigation through knowledge

→ Documents on different levels

7 Themes

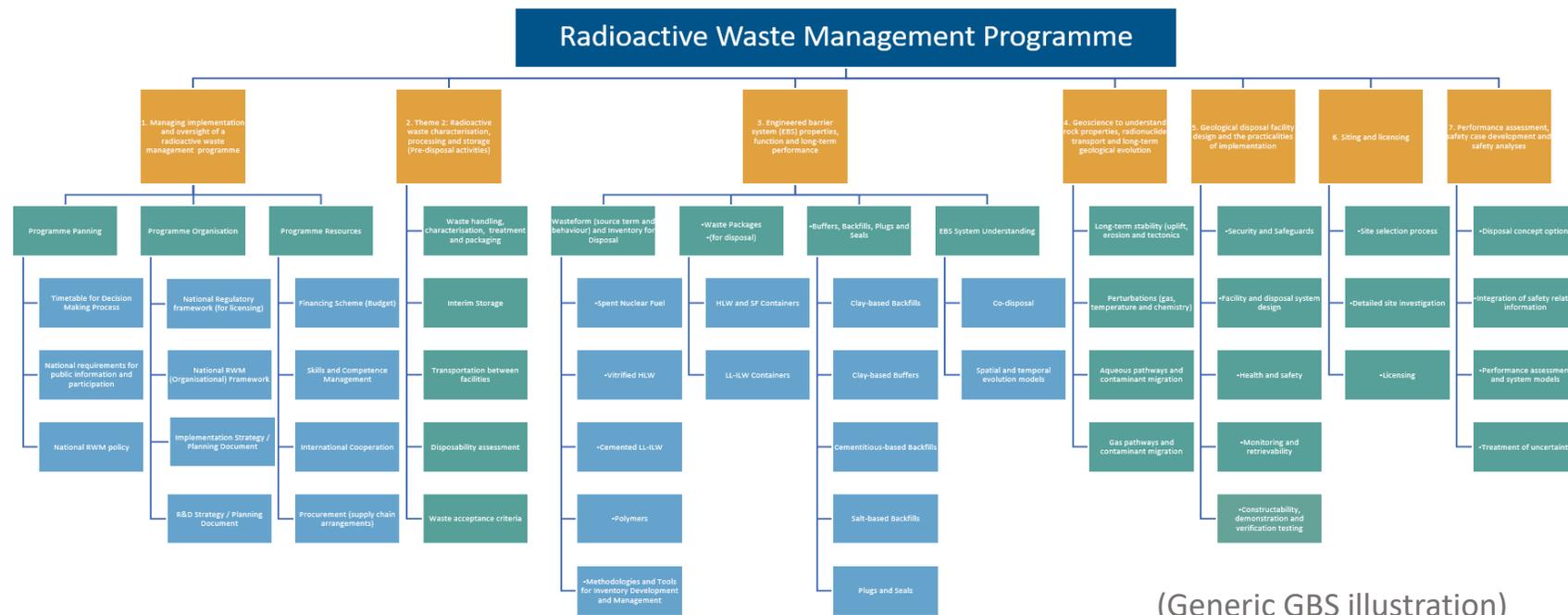
Level 1

27 Sub-themes

Level 2

80 Domains

Level 3



(Generic GBS illustration)

The EURAD Roadmap (video): <https://www.ejp-eurad.eu/roadmap> → https://youtu.be/B_VyoQ_BwrU?si=waVaHju01NUTdQpm



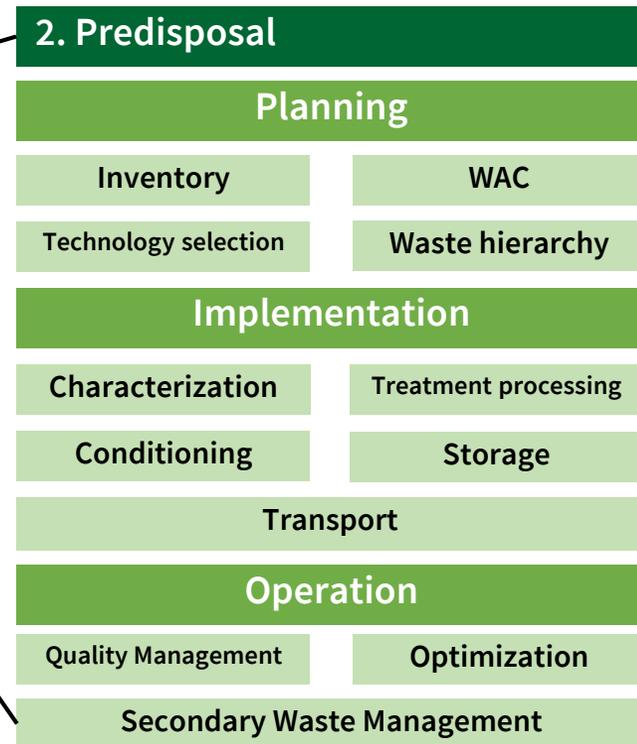
ROADMAP STRUCTURE

EURAD Themes

- 1. Programme Management
- 2. Pre-disposal
- 3. Engineered Barrier Systems
- 4. Geoscience
- 5. Design & Optimization
- 6. Siting & Licensing
- 7. Safety Case

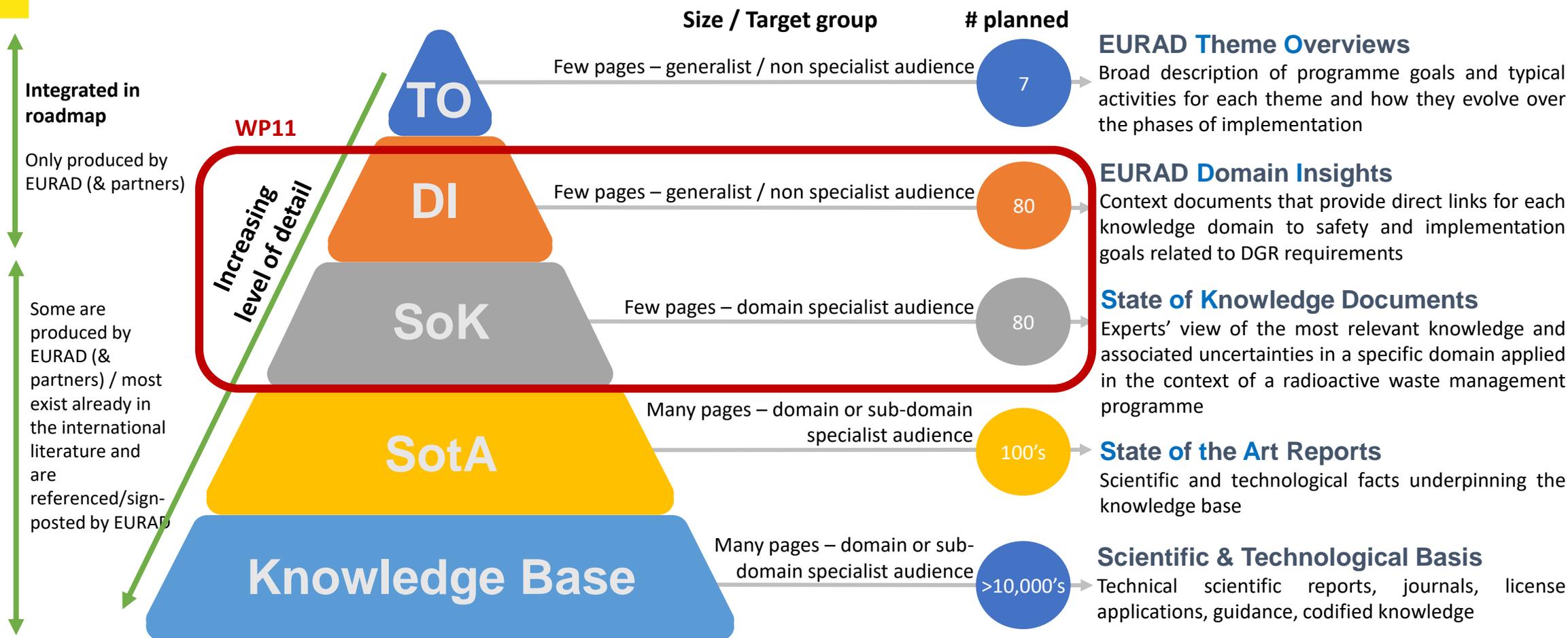
<https://www.ejp-eurad.eu/roadmap>

PREDIS Theme



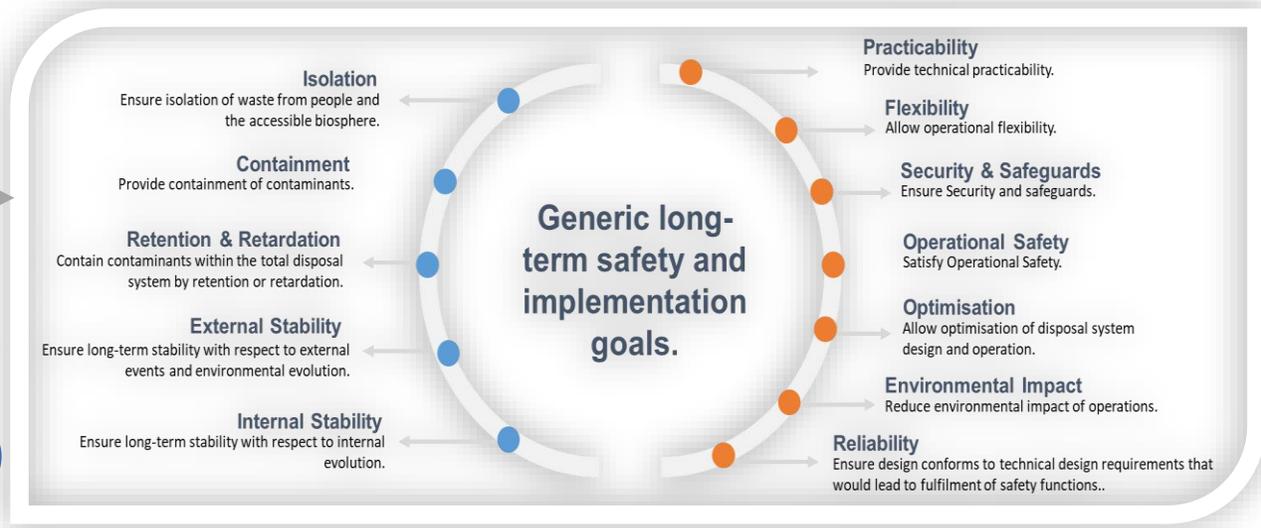
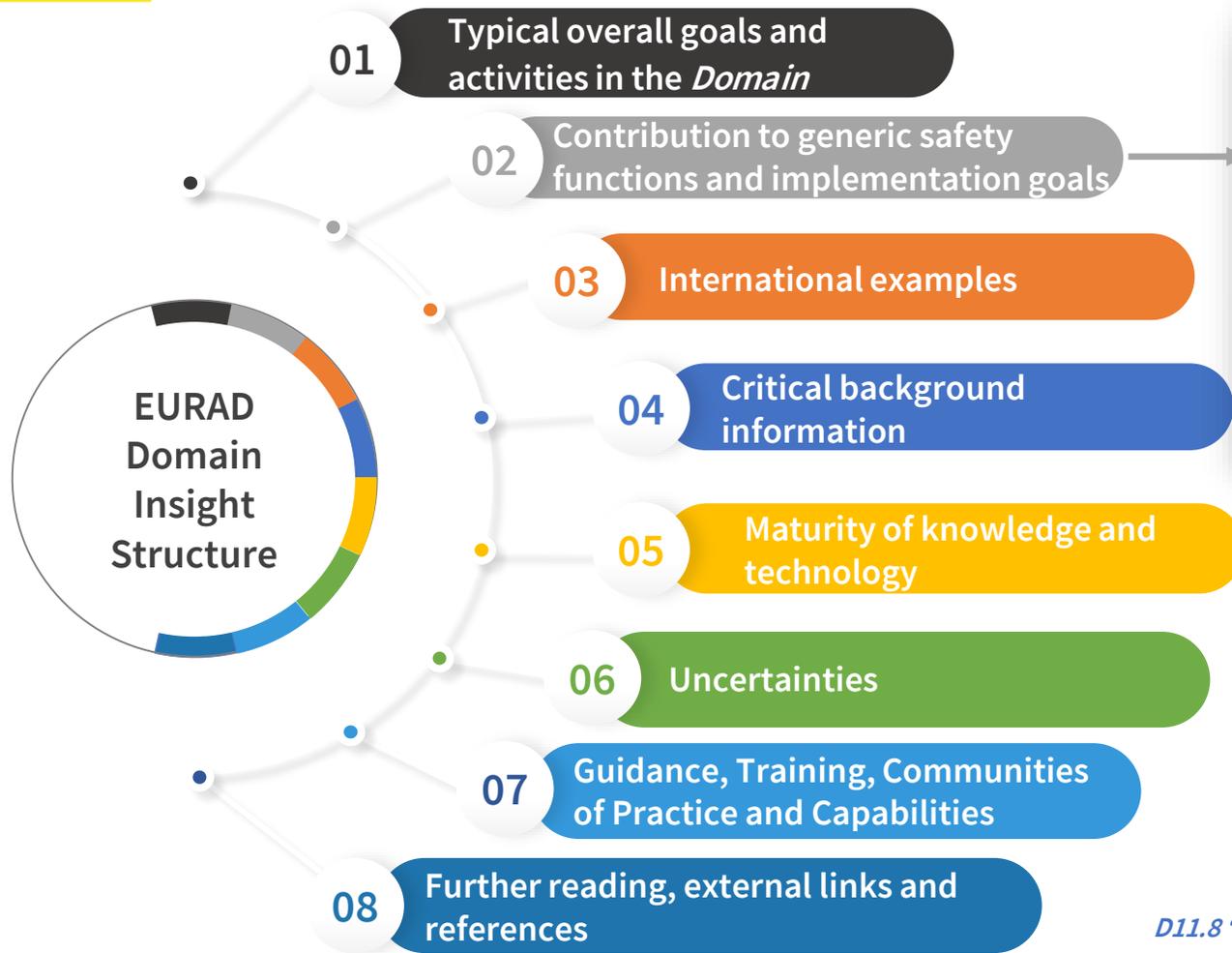
<https://predis-h2020.eu/roadmap-and-e-learning-material/>

STATE-OF-KNOWLEDGE DOCUMENTS (POPULATING ROADMAP)



Knuuti T., Tatomir A., Göbel A., et al. (2022) Capturing the state-of-knowledge in EURAD knowledge management, EPJ Nuclear Sci. Technol. 8, 37, <https://doi.org/10.1051/epjn/2022030>.

DOMAIN INSIGHT DOCUMENT STRUCTURE



D11.8 "Authors Guidance & Template"

MAKING KNOWLEDGE AVAILABLE

All produced KM documents get a **DOI**

Accessible through various platforms:

- EURAD webpage
- Zenodo
- ProjectPlace
- INIS repository from IAEA
- EURAD Wiki

https://rwmd.miraheze.org/wiki/Main_Page

- Username: Eurad_reader
- Password: read_eurad1

EURAD Wiki

<< wastebook

Search wastebook

EURAD-User

Main page
List of all domains
Recent changes
Random page
Help about MediaWiki
EURAD Homepage

Switch to old look

Tools
What links here
Related changes
Upload file
Special pages
Printable version
Permanent link
Page information
Get shortened URL
Cite this page

Main Page

Main Page Discussion Read Edit View history More

Welcome to the EURAD Roadmap Wiki!
This Wiki is still under Construction! All Feedback and comments should be sent to alexander.tatomir@b... at EURAD WP11 State-of-Knowledge (SoK): alexander.tatomir@b...
To get an idea of the overall concept, check out the best development Domain: 3.1.1 Spent nuclear fuel (SNF) (including the State-of-Knowledge Insight, and State-of-Knowledge document.

For an external visitor of this wiki
Hello, we are still working on this Main Page, so this wiki remains private until it is ready. So please check this page again later!"

Thematic Goals Breakdown Structure (GBS) [edit]

A generic roadmap for implementing radioactive waste management, leading to geological disposal

Want to learn more about the Goals Breakdown Structure (GBS)/Roadmap? Maybe this video from the EURAD Homepage will help.

The roadmap describes typical programme goals, activities and capabilities needed against 7 themes, which are each further broken down into sub-themes and domains in what we call the "Goals Breakdown Structure (GBS)". This matrix of phases vs. thematic goals provides a tiered and common framework allowing users to 'click in' and access existing knowledge. It is goals oriented to knowledge and competencies most critical for implementation, aligned to the EURAD Vision.

- Theme 1: National Programme Management
- Theme 2: Pre-disposal
- Theme 3: Engineered Barrier System
- Theme 4: Geoscience
- Theme 5: Design and Optimisation
- Theme 6: Siting and Licensing
- Theme 7: Safety Case

Show a list of all Domains (Quick access)

What is new?

Here you can provide Feedback on the Domain Insight Documents



Feedback to the KM documents

OBTAINING FEEDBACK

Button on the website

2.2.4 Storage

Package waste accounting for future transport and deposition, and maintain safe interim storage of packages

 EURAD-PREDIS Domain Insight 2.2.4 - Storage
PDF - 749.9 Ko

 **Feedback**

2.2.5 Transport

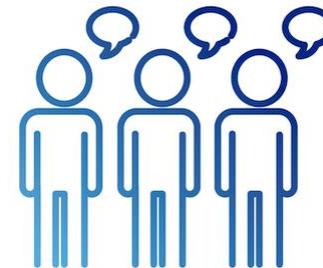
Transport radioactive wastes between facilities in accordance with regulatory requirements

 Transport, Domain Insight 2.2.5 - EURAD-PREDIS
PDF - 540.6 Ko

 **Feedback**

Social media

[LinkedIn](#)



Questionnaires

Select the DI document you would like to comment on from the list

1.3.3 International Cooperation

1.1 Why are you interested in the topic (Theme, Subtheme, Domain)?

1.2 How are you going to use the information from this DI document?

1.3 Does the DI document meet your expectations (Rate 1-10)? Please state any inconsistencies with your expectations?

1.4 Is the structure of the DI document clear (Rate 1-10)? What adjustments could be made?

1.5 Are you satisfied with the DI document information (Rate 1-10)? Are there any gaps?

1.6 Would you recommend this DI document to others? Why or why not?

Your personal information
Please note that any personal information provided will remain anonymous unless the respondent chooses to identify themselves.

Name

What is the type of organisation (WMO, TSO or RE) you are working for?

What is the name of organisation?

What department or area of organisation you are working in?

What is your job title/role within your organisation?

How many years of experience do you have working in RWM?

Contact information
e-mail address, tel. number, etc.

Feedback links for the DI documents for:

- End-users <https://tally.so/r/woeZEX>
- Authors <https://tally.so/r/3N1NWW>
- Reviewers <https://tally.so/r/n0ed00>

Feedback links for the SoK documents:

- <https://tally.so/r/wQRyPg>

THANK YOU!

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