

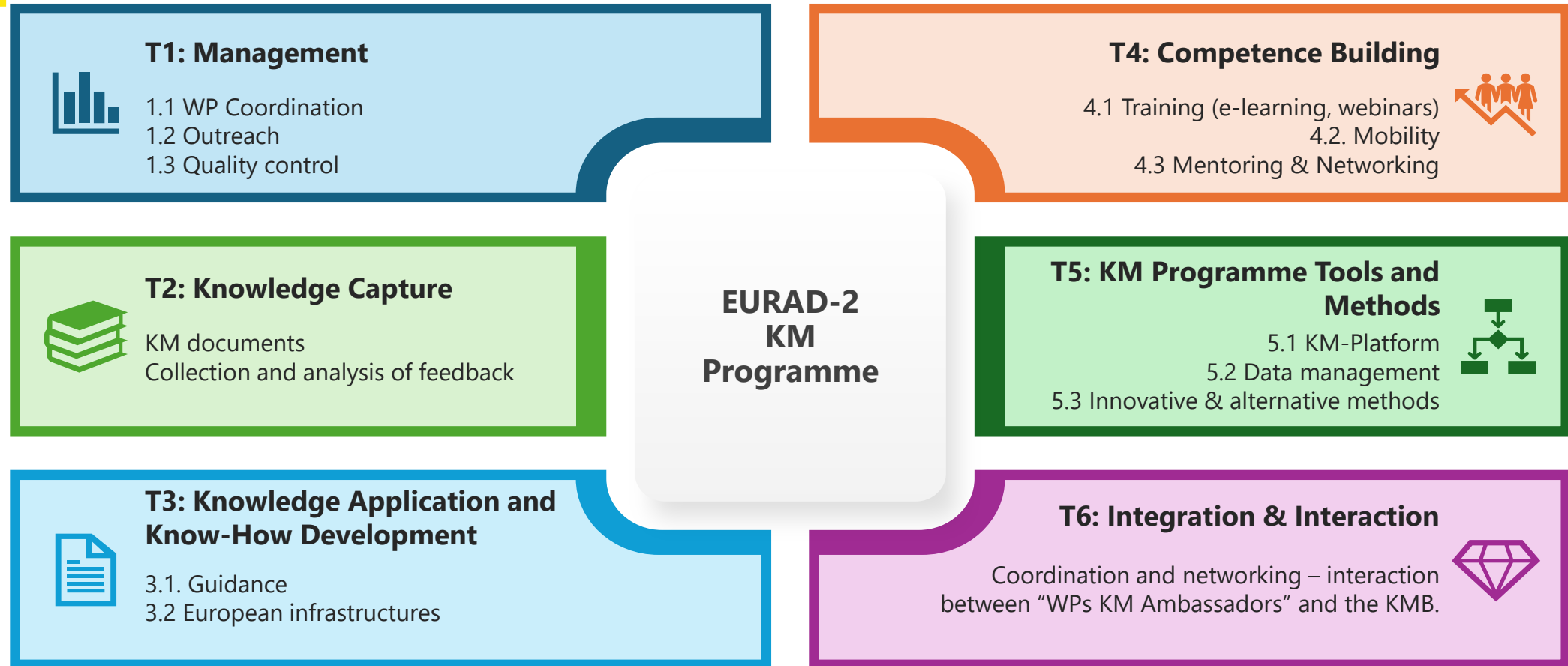
EURAD-2 WP02 KNOWLEDGE MANAGEMENT

Task 2: Knowledge capture
Kateryna Fuzik



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

EURAD-2 WP2 KM STRUCTURE



EURAD-2 WP2 TASK 2



T2: Knowledge Capture

KM documents
Collection and analysis of feedback

Overall aim: 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

- Production of KM documents with the active contribution of the EURAD 2 community
- Dissemination of knowledge among the EURAD 2 community and beyond
- Obtaining feedback from the KM documents developers and end-users
- Agile "learning-by-doing" approach: achieving content quickly, rather than focussing on processes first

- **Task Lead:** BGE (Alexandru Tatomir)
- **Co-lead:** SSTC NRS (Kateryna Fuzik)
- **Partners:** GSL, SKB, POSIVA, ANDRA, GRS

TASK 2 – OVERVIEW OF YEAR 1 ACTIVITIES

Review & update

- Conduct comprehensive review and update of knowledge capture activities, protocols, and documents.
- Identify knowledge gaps and prioritise topics.
- Reassess the needs and scope of KM document production.

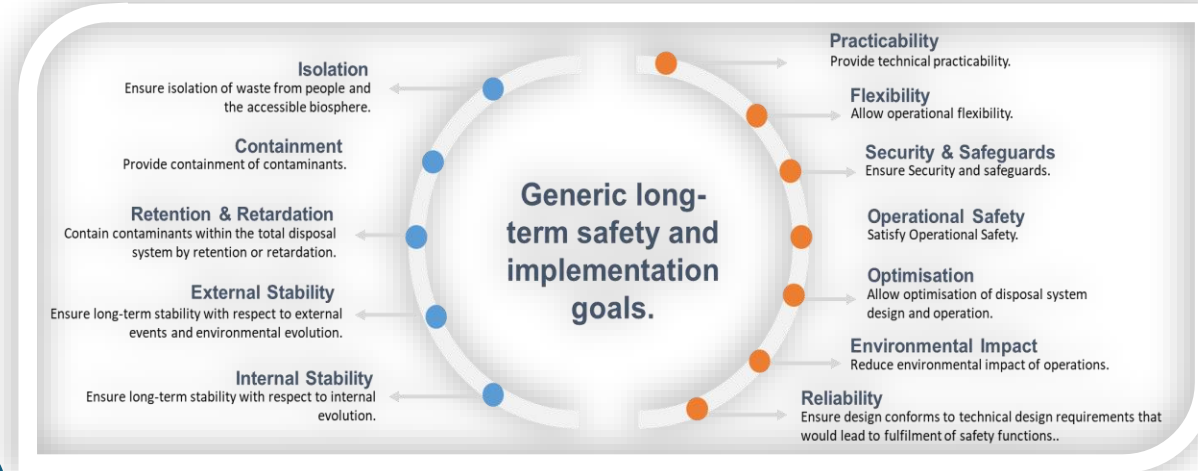
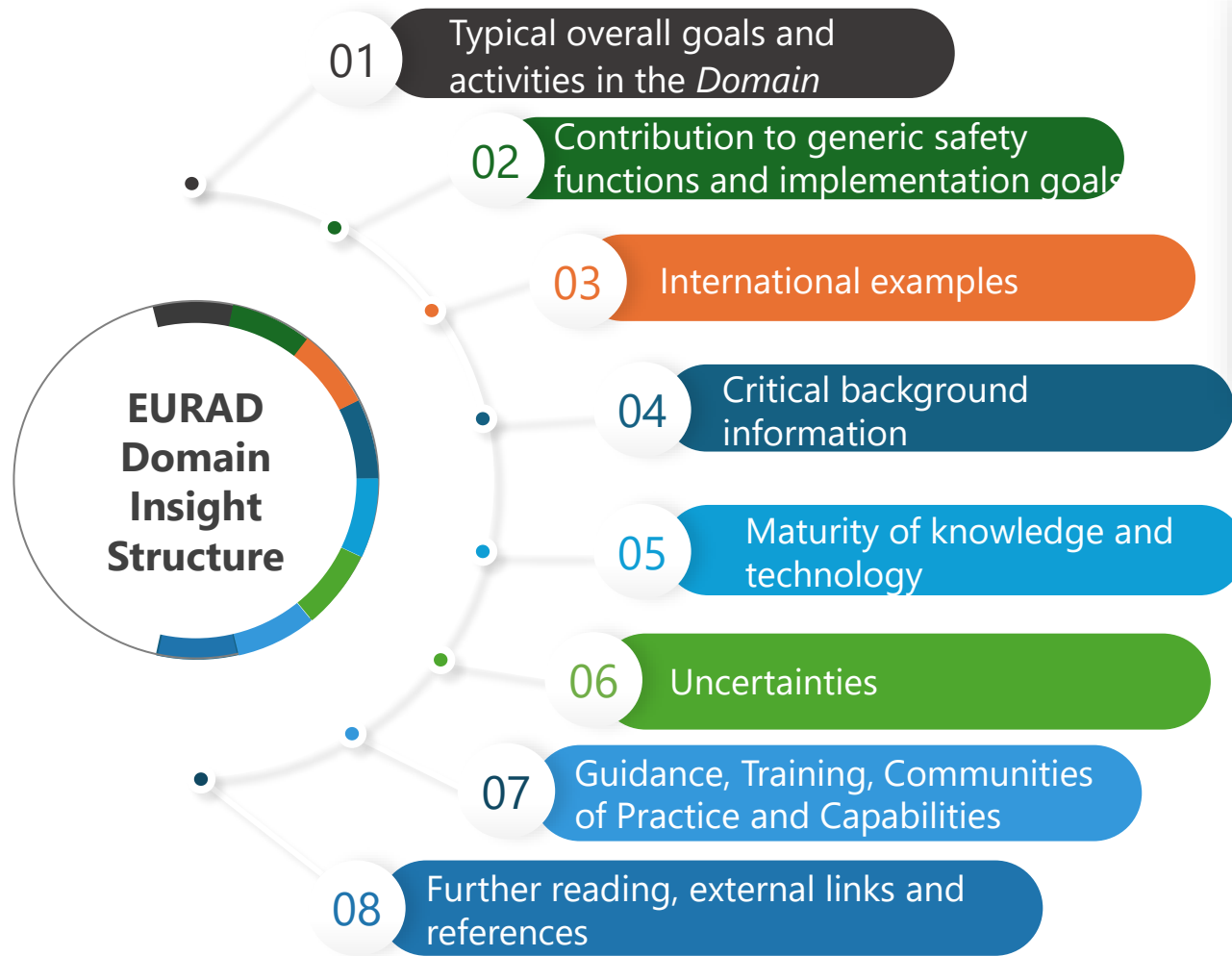
Definition of capturing form

- Define the different forms of KM documentation to be produced (SoKs, DIs, documents derived from SotA reports, etc.).
- Place initial focus on Domain Insights (DI) document production.

KM documents production

- Update procedures for KM document production, including applications for DI authorship, evaluation processes, and criteria. Define and update guidelines and templates for KM documents.
- Launch calls for DI authorship, evaluate applications, and select domains for production.
- Provide support and resources to contributors throughout the KM document production process.

DOMAIN INSIGHT (DI) DOCUMENT STRUCTURE



- **Concise** documents (10-20 pages)
- Information about **safety and implementation goals** of the domain
- **Well-understandable** by non-specialised readers (new starters in the field)
- Publication on [EURAD Roadmap](#), [Wiki](#) and INIS (e.g., [DI 3.1.3 Cemented LL-ILW](#))

OVERALL DI-DOCUMENT PRODUCTION STATUS

Roadmap Themes:

Theme 1. National Programme Management

Theme 2. Pre-disposal

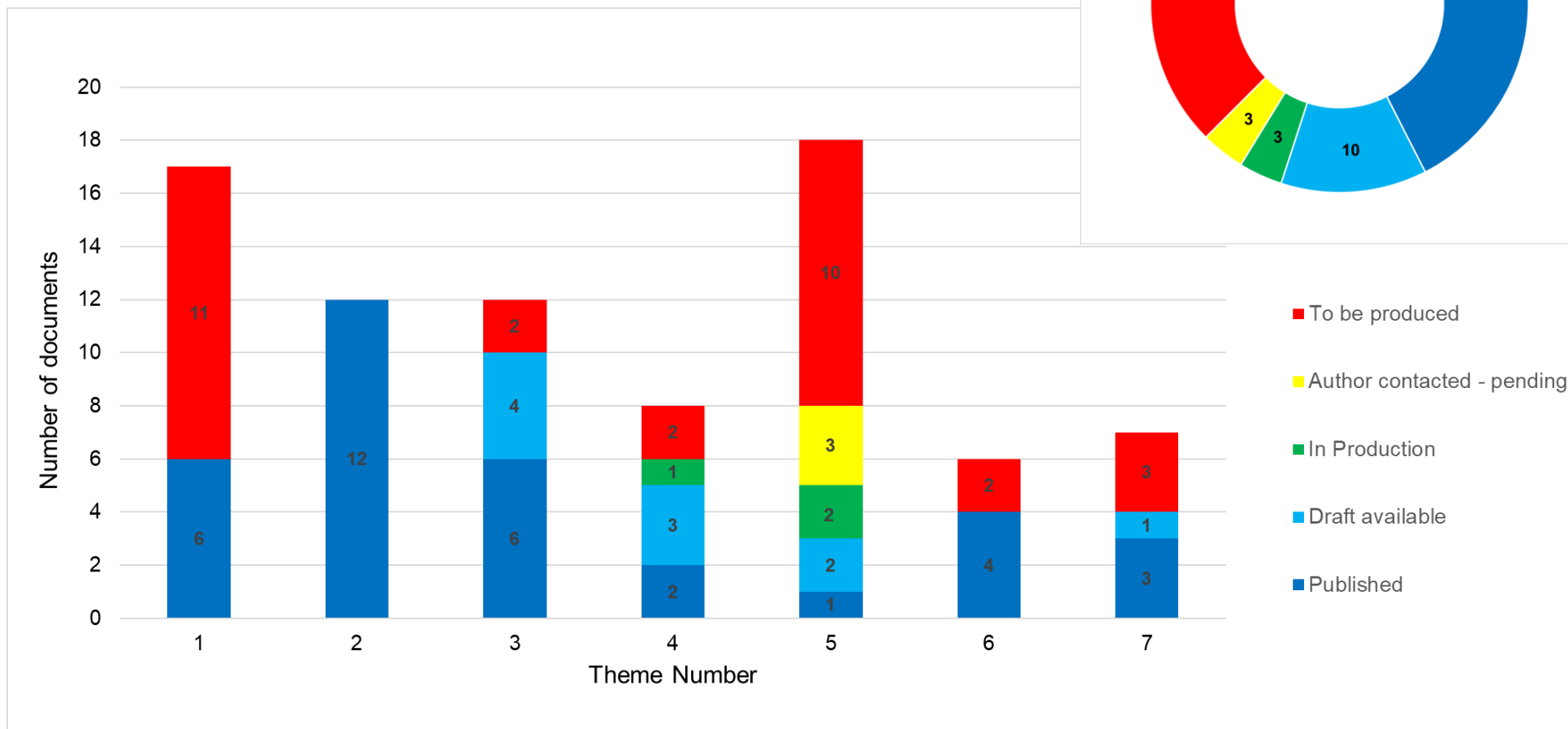
Theme 3. Engineered Barrier System

Theme 4. Geoscience

Theme 5. Disposal facility design and optimisation

Theme 6. Siting and Licensing

Theme 7. Safety Case



DI-document production per theme (as of 09.02.2025)

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DI DOCUMENT PRODUCTION PAST CALLS FOR AUTHORSHIP

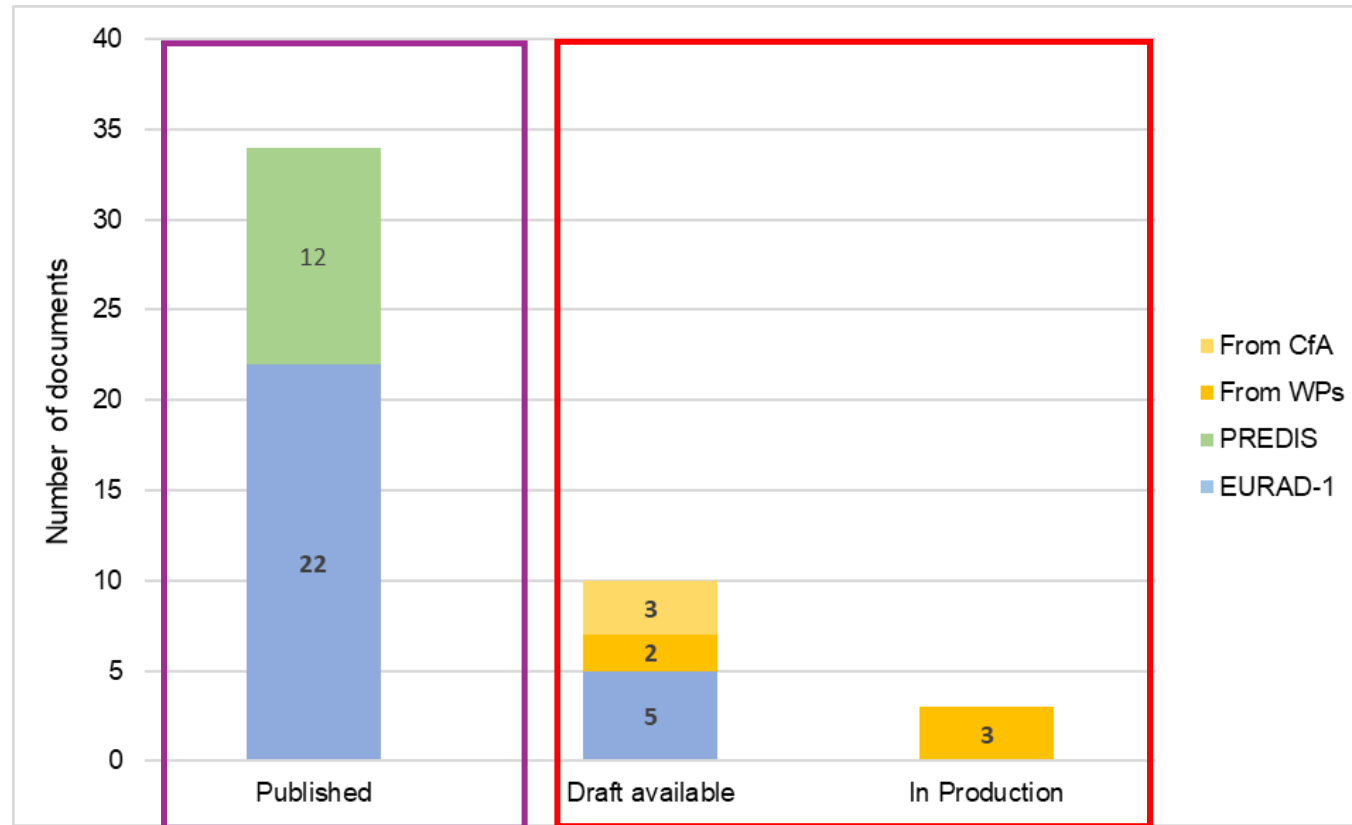
First round call - EURAD-2 R&D and StSt WPs-wide survey (January 2025)

- Preparation and DI prioritisation for production
- Initial KM survey covering 41 proposed domains for DI production
- In January 2025, KM Ambassadors collected input and identified willing authors and reviewers from within the WPs
- Proposals analysed and first DIs selected for development (WPs Subtask 2.2 contributions)

Second round call - EURAD-2-wide survey (May 2025)

- Preparation and DI prioritisation for production
- Open call launched in May 2025 for 14 domains (info-meeting, EUSurvey application form)
- Applications submitted by partners (beneficiaries and affiliated entities) by 21 May 2025.
- Evaluated by a decision board (Task 2, PMO, CSO, KM WP Leader).
- DIs selected for the next phase of development.

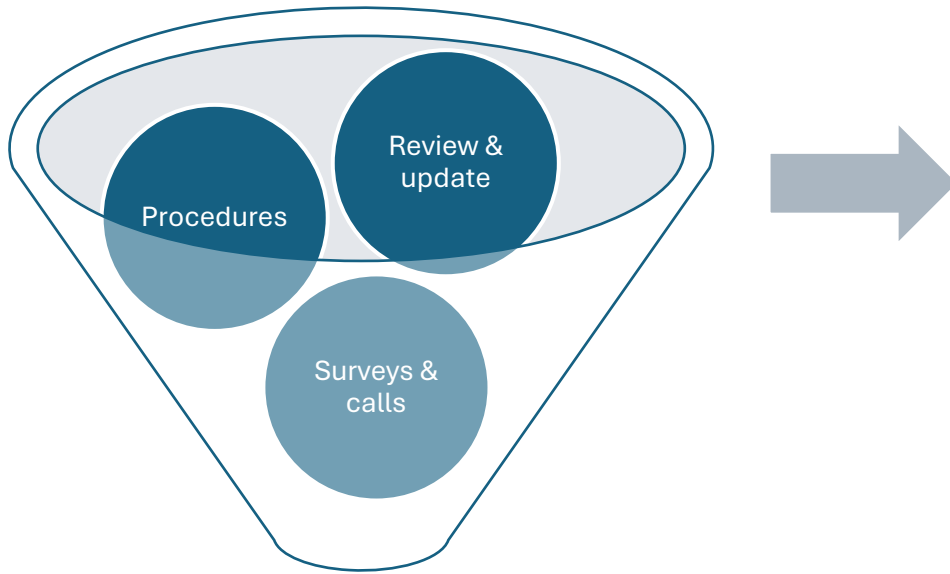
OVERALL DI-DOCUMENT PRODUCTION STATUS



Results from EURAD-1
and PREDIS

Ongoing work in
EURAD-2

TASK 2 – OVERVIEW OF YEAR 1 ACTIVITIES



Milestone 6: Methodology memo on method for proposing additional KM documentation needs (Task 2.1 and Task 2.2 guidelines)

- Task 2.1: Guidelines for SotA, Green- and White Papers
- Task 2.2: Guidelines for DI, SoK, Guidance, and Training

Milestone 20: Prioritisation of KM documents to be produced by Month 24/56

- Preparatory Activities for DI Prioritisation
- Identification of authors and reviewers
- Results of Year 1 surveys and calls

KM DOCUMENTS FEEDBACK: INITIATED IN EURAD-1 TO STRENGTHEN IN EURAD-2

Are you an end-user, author, or reviewer of a DI document?

Your feedback is important and helps us ensure KM documents are practical, relevant, and user-friendly. Take some time and share your perspective to help us close knowledge gaps, strengthen future work and increase the added value for Member States

How can you provide feedback?

Questionnaires

The screenshot shows a questionnaire form with the following sections:

- Select the DI document you would like to comment on from the list:** A dropdown menu showing "1.3.3 International Cooperation".
- 1.1 Why are you interested in the topic (Theme, Subtheme, Domain)?** A text input field.
- 1.2 How are you going to use the information from this DI document?** A text input field.
- 1.3 Does the DI document meet your expectations (Rate 1-10)? Please state any inconsistencies with your expectations!** A rating scale from 1 to 10.
- 1.4 Is the structure of the DI document clear (Rate 1-10)? What adjustments could be made?** A rating scale from 1 to 10.
- 1.5 Are you satisfied with the DI document information (Rate 1-10)? Are there any gaps?** A rating scale from 1 to 10.
- Your personal information:** A section with a note: "Please note that any personal information provided will remain anonymous unless the respondent chooses to identify themselves." It includes fields for Name, What is the type of organisation (DRAO, 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?, and How many years of experience do you have working in DRAO?.
- Contact information:** A field for 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/3NINWW>

Reviewers <https://tally.so/r/n0edO0>

Feedback links for the SoK documents:

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

E-mails to EURAD community, KM CoPs, authors and reviewers

Dear EURAD community,

This is a kind reminder to please give us your feedback on the Domain Insights and State-of-Knowledge documents published so far, using the links below.

You can also give feedback on all the Domain Insights published so far by going on the EURAD website's roadmap. [Click here to do so.](#)

BR,

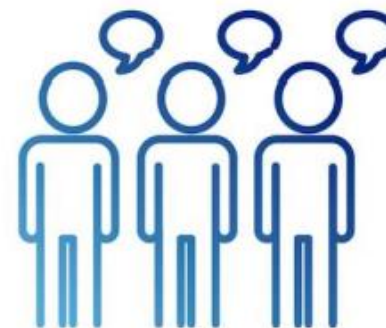
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Discussions at KM workshops, lectures...

Social media

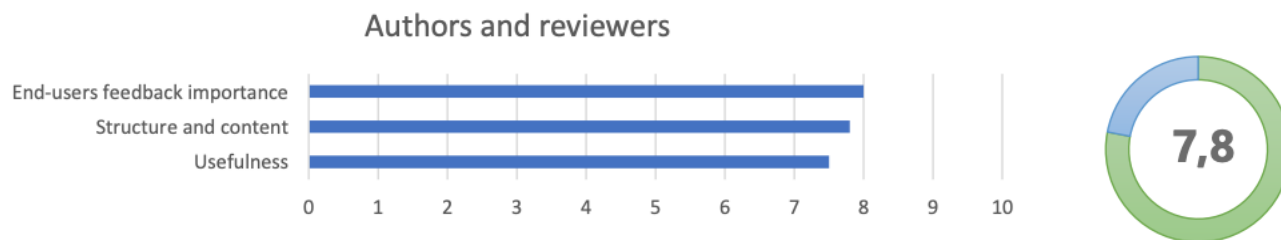
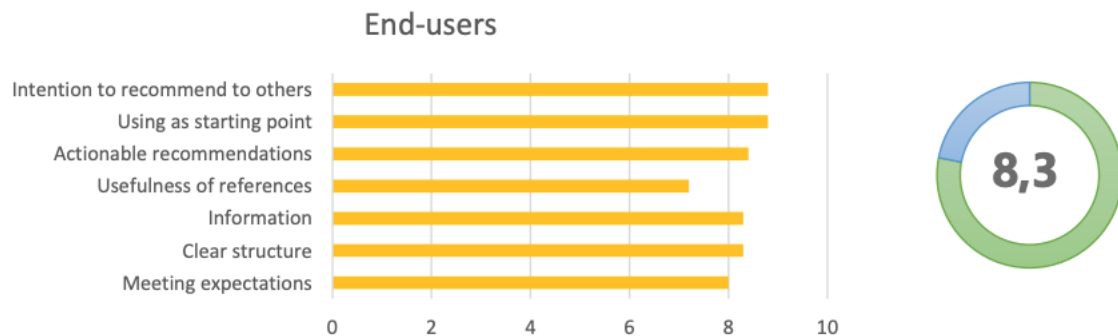
[LinkedIn](#)

Button on the website

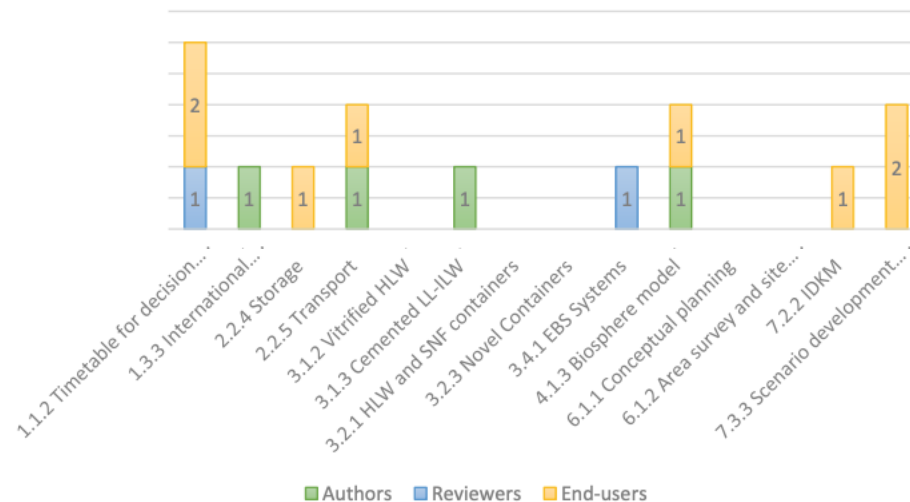


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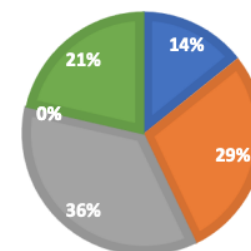
KM DOCUMENTS FEEDBACK: FIRST RESULTS FROM EURAD-1



Feedback to DI documents



WMO RE TSO Regulatory body CSO Other



TO BE CONTINUED IN YEAR 2...

DI-DOCUMENT PRODUCTION OPEN CALL FOR AUTHORSHIP

THE NEXT CALL FOR AUTHORSHIP IS OPEN!

Who can apply? Experts in the field addressed by respective DI document **within EURAD-2 partners** (beneficiaries and affiliated entities)

What to apply to? List of 26 DI topics prioritised by WP02 KM Task 2

How to apply? Fill in **Evalato application form** stating your expertise and timeframe **by October 17th** (QR code and link are on the screen)

Who makes decisions? **Decision-making board** composed of WP02 Leader, WP 02 Task 2 representative, PMO representative and EURAD-2 Scientific Officer (criteria: qualification, availability, diversity)

Ready to be author or reviewer?



<https://10627.evalato.com>



DI-DOCUMENT PRODUCTION OPEN CALL FOR AUTHORSHIP

CALL FOR AUTHORSHIP IS OPEN FOR 26 DIs!

Theme 1. National Programme Management

- 1.1.1 National RWM Policy
- 1.1.4 Safety, security, use of resources
- 1.2.1 Licensing framework
- 1.2.3 Allocate responsibilities
- 1.2.4 Waste management System
- 1.2.5 RD&D Strategy
- 1.3.4 Procurement & Supply Chain Arrangements

Theme 3. Engineered Barrier System

- 3.3.1 Buffers
- 3.3.2 Backfills
- 3.4.2 Co-disposal

Theme 4. Geoscience

- 4.1.1 Site descriptive model
- 4.1.2 Aqueous transport and retention
- 4.3.1 Geological and tectonic evolution
- 4.4.1 Stability

Theme 5. Disposal facility design and optimisation

- 5.1.2 Design specifications, facility-scale
- 5.1.3 Design specifications, component-scale
- 5.2.1 Pilot-scale, full-scale testing, active commissioning
- 5.2.3 Manufacture, inspection and testing
- 5.2.4 Robotics
- 5.4.1 Construction safety
- 5.4.2 Normal operations safety
- 5.4.3 Accident safety

Theme 6. Siting and Licensing

- 6.3.1 Local land use planning
- 6.3.2 Regulatory licensing

Theme 7. Safety Case

- 7.1.2 Performance indicators
- 7.3.1 Performance assessment and system models

Ready to be author or reviewer?



DI-DOCUMENT PRODUCTION OPEN CALL FOR AUTHORSHIP

CALL FOR AUTHORSHIP IS OPEN!

How does the DI production process work?

1. Fill in application form and state your expertise and timeframe
2. Receive invitation and information needed
3. Author:
 - write 10-15 pages (reimbursement for 40 h of work)
 - send draft to contact person of WP02 Task 2.2
 - receive reviewers' comments and revise document
4. Reviewer: assess 10-15 pages (reimbursement for 8 h of work)
5. Publication of final DI document (including DOI)

Ready to be author or reviewer?



<https://10627.evalato.com>

TASK 2 – NEXT STEPS

KM Documents Production

- Continue KM documents production in close cooperation with the EURAD-2 community.

Community Feedback

- Optimise the feedback mechanism developed at the end of EURAD-1.
- Collect and analyse feedback from end-users, authors, and reviewers.
- Refine documents to better address user needs.

Socialisation & Dissemination

- Ensure wide visibility and accessibility of KM documents across the community.

**THANK YOU FOR
YOUR ATTENTION**

Contact us for any question, suggestion, proposals

- Alexandru Tatomir (Alexandru.Tatomir@bge.de)
- Kateryna Fuzik (kv_fuzik@sstc.ua)

On behalf of EURAD-2 KM WP Task 2



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