



Federal Office  
for the Safety of  
Nuclear Waste Management

# Germany

**Expectations by Member States Representatives**

**EURAD-2 Annual Event No. 1; 9. - 11. Sept. 2025  
Bologna, Italy**

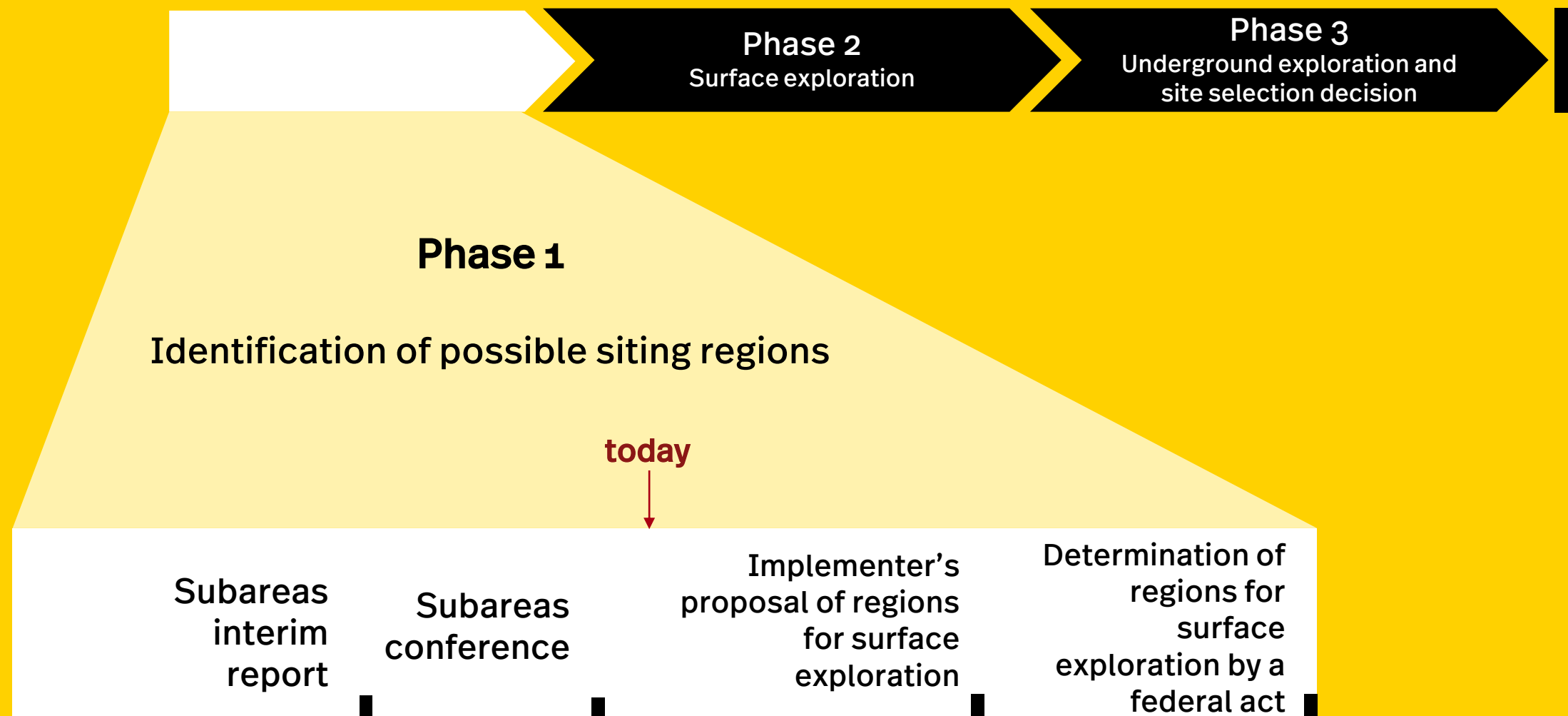
**Oesch, Tyler (BASE)**

# Nuclear Waste Disposal in Germany

- **Interim storage**
  - HLW is stored in 16 interim and two central storage facilities
  - The decades-long search for a permanent repository will necessitate the extension of interim storage licensing approvals
- **Final disposal**
  - All LLW / ILW will be stored in deep geological repositories
    - Endlager Konrad: Under construction
    - Endlager Morsleben (ERAM): Currently in licensing phase for decommissioning
  - Final disposal of LLW / ILW waste from planned retrieval of Schachtanlage Asse II must be determined
  - HLW: Ongoing site selection procedure

# The site selection procedure:

2017

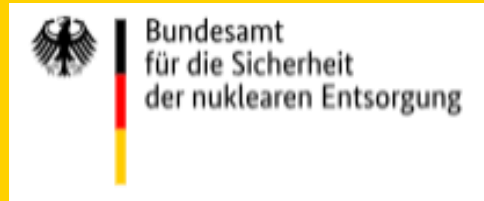


# EURAD - Participants from Germany

## Mandated Organisations



WMO



TSO  
(Regulator)

RE



## 10 Affiliated Organisations



# StEURAD

- National steering group founded and supported by the Federal Ministry for the Environment (BMUKN) responsible for nuclear safety in Germany
- All German EURAD-2 participants are members
- Harmonisation of information exchange between German participants and EURAD-2
- Instrument for regular and fruitful communication among national participants

# General Expectations

- Platform for **long-term** international collaboration contributing to improved nuclear disposal safety
  - **Knowledge transfer** between national disposal programs - especially related to methods, technology and research needs
- **Strong financial support** on a European level
- Provide a strong and consistent base for **education and training** of future experts
- Research that is oriented toward and directly **contributing to the implementation of the national disposal programmes** in compliance with the European directive 2011/70/Euratom

## Specific Expectations





- Collaborative development of approaches and guidance for **current challenges (e.g. AI, optimisation and sustainability)**
- International discussion and **validation of methods and models**
- Requirements for safety case modelling (including the need for **independent modelling** to use in regulatory oversight)
- Disposal research in all rock types currently under consideration (for Germany: **rock salt, claystone and crystalline rock**)
- Collaborative research on remaining challenges of **long-term interim storage** and the transition from interim to final disposal (including e.g. conditioning)

## Specific Expectations (Continued)

- Direct **involvement of civil society representatives** in relevant EURAD-2 work packages (contributing to mutual understanding and building trust)
- Research in **social sciences and humanities (SSH)** should be extended
- Continue the process of better **integrating regulators** as programme participants and regulatory issues as research topics



# **Last not least: praise EURAD-2 for...**

-  Many webinars
-  Lunch-and-learn seminars
-  State-of-the-art reports
-  Effective end-user engagement  
on a WP-specific level

Many thanks for your attention!

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