

# EURAD : EUROPEAN JOINT PROGRAMME ON RADIOACTIVE WASTE MANAGEMENT

20th January, 2022 • Louise Théodon (EURAD Coordinator)



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## A LEAP FORWARD

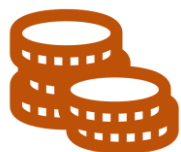
“A step change in European collaboration towards safe radioactive waste management (RWM), including disposal, through the development of a **robust and sustained science, technology and knowledge management programme** that **supports timely implementation of RWM activities** and serves to foster mutual understanding and trust between participants.”



# GENERAL OVERVIEW



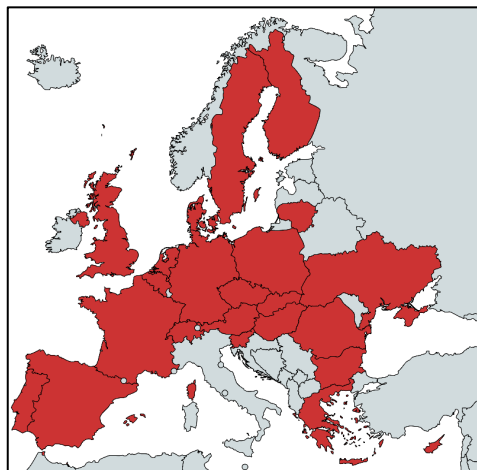
5 years  
2019-2024



59,9 M€  
50 %EC  
contribution



116 organisations  
from 3 Colleges



Representing 23  
countries



10 R&D WPs



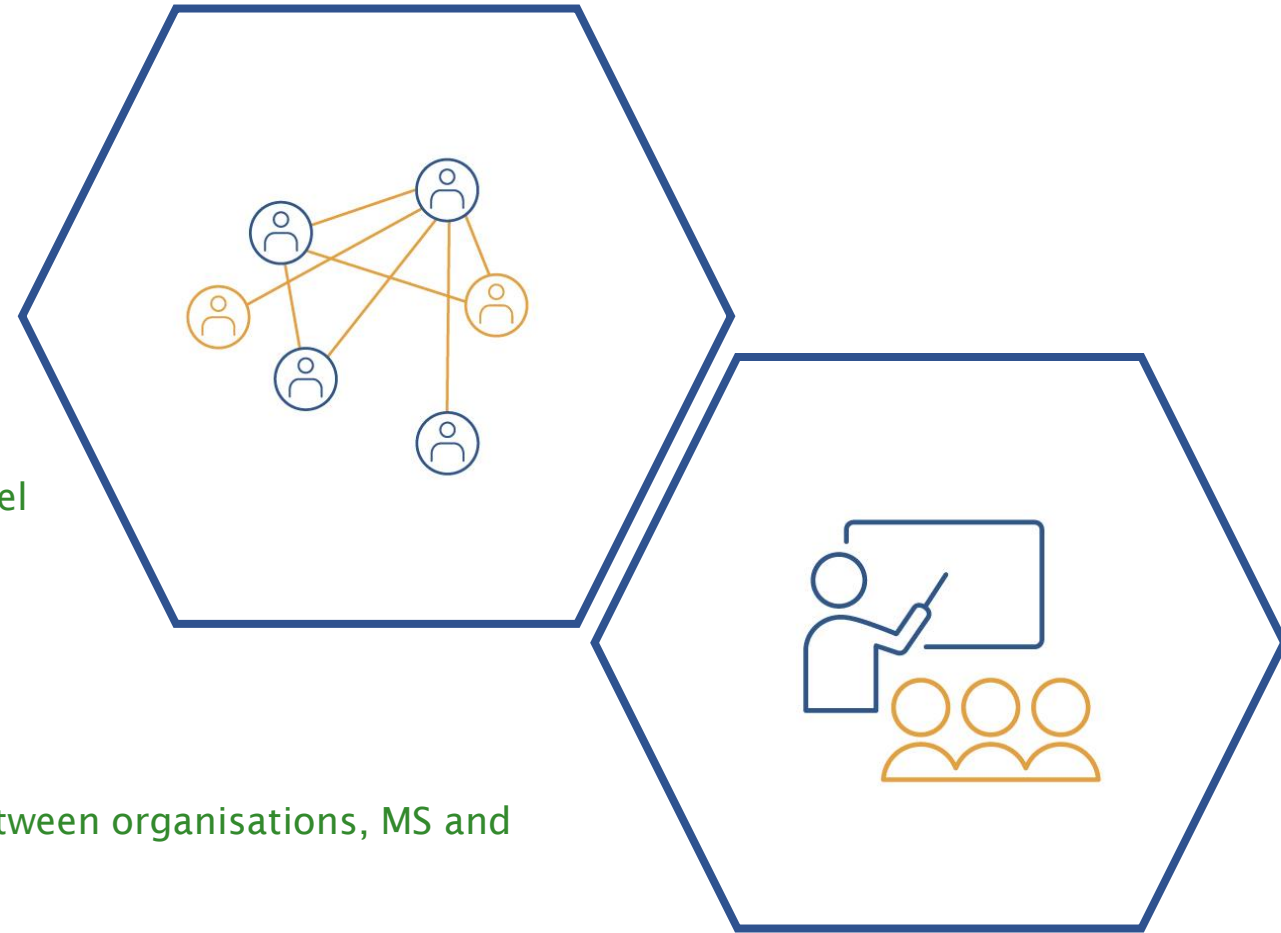
2 Strategic Studies



3 Knowledge  
Management WPs

## EURAD'S AMBITION

- Complement the national Programmes
  - Support compliance with European regulations
  - Foster efficient use of RD&D resources at the EU level
  - Support RWM innovation and optimisation
- Ensure the sustainability of the knowledge
  - Developing and consolidating existing knowledge
  - Enhancing knowledge management and transfer between organisations, MS and generations
- Act as a platform
  - Foster mutual understanding and trust
  - Exchange and cooperation with international organisations and expert networks



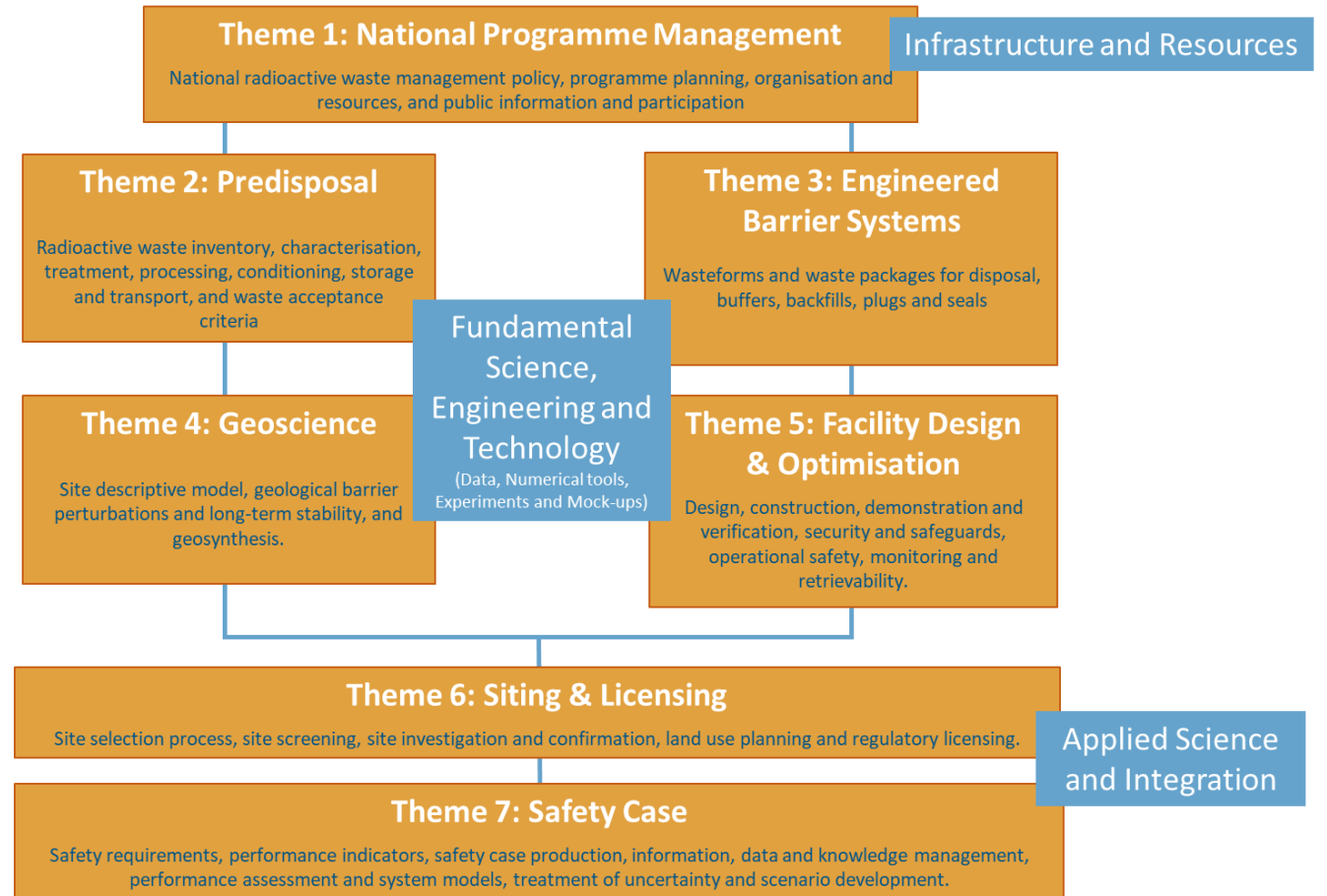
## EURAD IS A COMMUNITY

- 51 Mandated actors from 23 European countries representing the following Colleges :
  - Waste Management Organisation (WMO)
  - Technical Support Organisation (TSO)
  - Research Entity (RE)
- 62 Linked Third Parties (mostly universities and research centres) and 3 International Partners
- Groups of Civil Society organisations

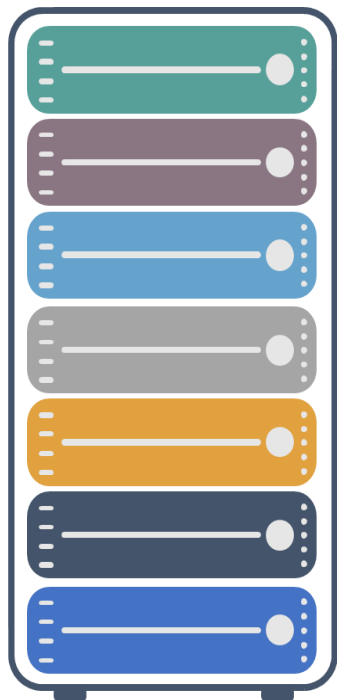


# EURAD STRATEGIC RESEARCH AGENDA

- Shared
- Living and dynamic
- With a broad spectrum
  - Frames research and knowledge management objectives
  - Covers RWM activities from cradle to grave (does not cover decommissioning)



## EURAD ROADMAP



Programme Management

Pre-Disposal

Engineered Barrier Systems

Geoscience

Design & Optimisation

Siting & Licensing

Safety Case

EURAD Roadmap  
Goals Breakdown  
Structure

**Hierarchical breakdown: 7 Themes > 20 Sub-themes > ~ 70 Domains**

A framework based on **goal-oriented breakdown** ...

- to **transfer** existing information & knowledge
- to **assess** existing information & knowledge
- to **identify** needs for **additional RD&D** (→ SRA)
- to **identify** issues to be **collectively explored**
- to **help** achieving clarity on **scope definition**

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

## KEY ACHIEVEMENTS AFTER TWO YEARS

- **Create a community**
  - 116 organisations
  - Position papers by the 3 Colleges
  - Creation of the School of RWM
  - Implementation of a mobility programme
- **Implement a robust and sustained S/T programme**
  - Shared SRA and Roadmap
  - 13 WPs running + launch of a second wave
  - KM and networking program
- **Ensure the sustainability of the knowledge**
  - Publication of a wide range of KM related documents including State of Knowledge on spent nuclear fuel
- **Foster mutual understanding**
  - First annual event with more than 440 participants
  - Involvement of civil society
  - Development of webinars
  - Interactions with international organisations and other projects





# EURAD SECOND ANNUAL EVENT

## EURAD Second Annual Event 28<sup>th</sup> to 30<sup>th</sup> March 2022

'What did we learn up until now and how [can the value of this new knowledge](#) be maximised using EURAD's KM systems. Furthermore, what additional work is foreseen in the remainder of EURAD-1 to achieve the desired step change in European collaboration towards safe radioactive waste management?'

**Monday 28<sup>th</sup> (afternoon only):** Opening session, strategic plenary session with keynotes lectures and panel

**Tuesday 29<sup>th</sup> (full day):** breakout sessions, interactions with civil society (ICS) session

**Wednesday 30<sup>th</sup> (full day):** PhD event/posters, WPs views, concluding session of the breakouts and closing remarks



### Location:

IRSN  
31 Av. de la Division Leclerc  
92260 Fontenay-aux-Roses  
FRANCE



**THANK YOU FOR YOUR ATTENTION**

**Join us as end-user :**  
**[secretariat@ejp-eurad.eu](mailto:secretariat@ejp-eurad.eu)**

**For more information:**

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

**LinkedIn: <https://www.linkedin.com/showcase/ejp-eurad>**

**Twitter: @EJP\_EURAD**

**Coordination : Andra**