



EURAD-2: 2ND WAVE DEVELOPMENT

EURADSCIENCE INPUTS

Thursday 11th September • M. Altmaier, (EuradScience)



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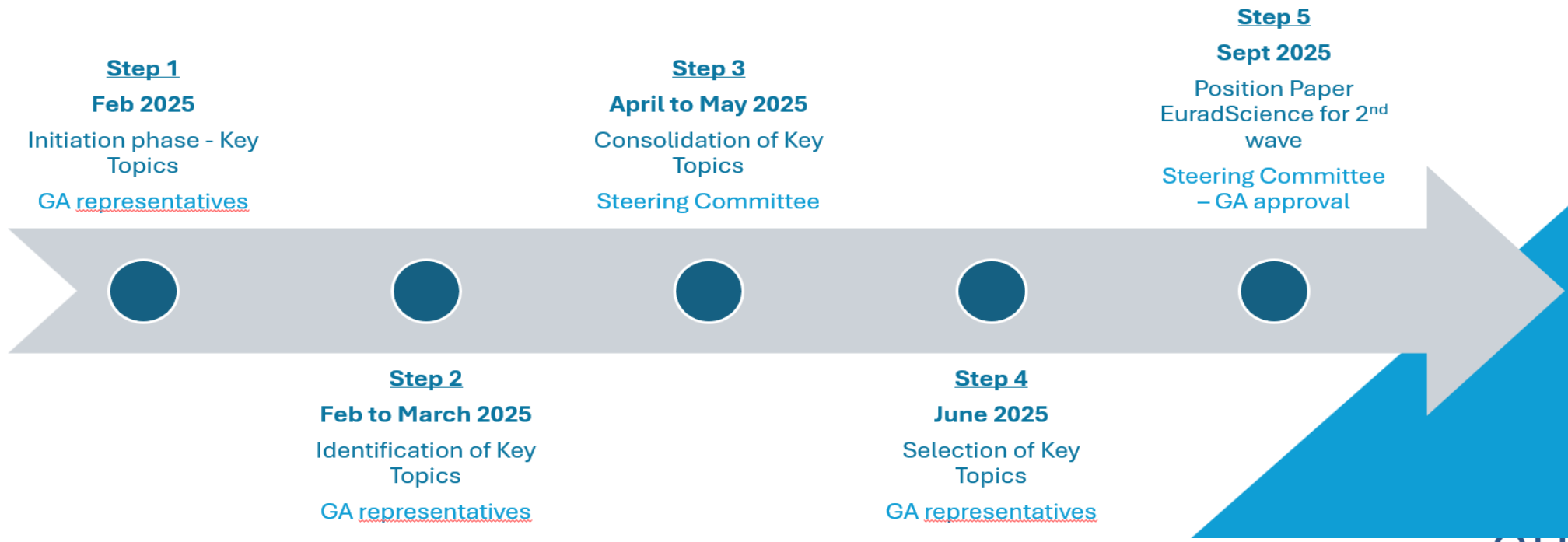
STATUS FROM EURADSCIENCE

- **EuradScience is the network of European Research Organisations, which currently comprises 30 organisations and represents 13 countries in the field of Radioactive Waste Management (RWM).**
- **EuradScience aims at**
 - Gathering the views of the Research Entities on European Radioactive Waste Management topics
 - Representing the College of Research Entities in EURAD-2 in accordance with Governance arrangements set out in the Grant Agreement
 - Fostering joint collaboration through exchanges and discussions, and
 - Preserving the interests of Research Entities at the EU level (in relation to EU projects).
- **EuradScience is an independent, cross-disciplinary, inclusive network with the aim of ensuring long-term scientific excellence and credibility in all aspects of radioactive waste management. EuradScience will provide, improve and further develop the scientific foundations for the sustainable and safe management of radioactive waste.**

EURADSCIENCE'S CONTRIBUTION TO THE SECOND-WAVE

Outline for EuradScience's contribution to the second-wave selection process of EURAD-2

EuradScience activities in 2nd wave selection process – five step approach schedule



EuradScience members and REs that are not members of EuradScience involved.
Decision on proposed topics base on majority decision of the members.

EURADSCIENCE'S CONTRIBUTION TO THE SECOND-WAVE

4 RD&D topics selected to be and submitted as EuradScience proposals for the second wave of EURAD-2 through template #1 were:

- **Materials (EBS):** *Materials for enhancing passive safety and robustness of Engineered Barrier Systems*
- **Conditioning:** *Development of robust and versatile conditioning matrices for challenging waste streams*
- **Monitoring:** *Advanced Monitoring Systems and Data Management*
- **Siting:** *Developing site screening strategies and procedures for integrated site descriptive models*

2 Strategic Studies topics selected submitted as EuradScience proposals for the second wave of EURAD-2 through template #1 were:

- **Natural Analogues:** *Strategic review of holistic utilisation of NAs in radioactive waste disposal*
- **THMC Host Rocks:** *Assessing the end user gaps and needs on THMC(B) properties of HR – defining a common strategy*

REMARKS AND EXPECTATIONS ON FUTURE PROCESS

- Future development of new WPs in the 2nd wave of EURAD-2 realised by open and constructive interactions between the 3 colleges. => Bureau (support by EuradScience for RE college).
- Development of WPs based on submitted proposals with the option of combining submitted ideas and interests in an integrative approach looking for common interests and complementarity.
- Balanced approach in WP selection process. => contributing countries, selection of topics, partners expertise and scientific profiles, etc., within a collaborative approach and European perspective.
- New WPs fully integrated in EURAD-2 process, including KM activities.

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- New WPs fully integrated in EURAD-2 process, including KM activities.
- Selection of WPs includes evaluation of the genuine scientific value and expected scientific excellence of the proposed workplan.
- Emphasis on engaging young researchers (PhD and early career researchers) whenever possible. => contribution to education and ensuring future availability of qualified experts.