

## WP4 FORSAFF

Webinar on key challenges and future needs in Small and Advanced Modular Reactor (SMR/AMR) waste management

6 May 2026 13:00 to 16:00

*All times are Central European Summer Time (CEST)*

### Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/39199630822707?p=0m6M6RqpR7gqadHziy>

Meeting ID: 391 996 308 227 07

Passcode: pu3Gh9N9

*This webinar will be recorded for internal use only, to support follow-on activities.*



## Purpose

The FORSAFF project aims to identify knowledge gaps and provide recommendations for future research and development on SMR/AMR waste generation and management through:

- evaluating SMR waste inventories, particularly those arising from the back end of the fuel cycle, and their physico-chemical and radiological characteristics
- assessing predisposal approaches such as treatment, conditioning, storage, and transport across different reactor designs and operating conditions
- reviewing waste management routes, covering both established practices and emerging concepts
- examining national policies and regulatory frameworks, as well as stakeholder perceptions and concerns related to SMR waste

This webinar will present key findings from FORSAFF and place them in the context of ongoing international initiatives. Guest speakers from the SMR Industrial Alliance, OECD/NEA and IAEA will provide additional insights.

This interactive session offers an opportunity to:

- Gain up-to-date insights into SMR waste management challenges and research needs
- Understand how research, industry, and policy initiatives align
- Share your perspective on stakeholder priorities and expectations
- Contribute directly to shaping future research and collaboration agendas

Participants will join moderated breakout discussions to explore:

- Stakeholder needs
- Remaining gaps in SMR waste management, safety, safeguards, and regulatory approaches
- Priorities for future research, guidance, and engagement

Your input will directly inform FORSAFF recommendations and future activities.

## Agenda

Time	Item	Speaker
13:00-13:05	Welcome/Introduction	Tim Schatz (VTT)
13:05-13:15	FORSAFF Overview	Tim Schatz (VTT)
13:15-13:40	Towards Safe and Sustainable Deployment of LW-SMRs and AMRs: Identifying Knowledge Gaps in Waste Management (FORASFF White Paper)	Anne Saturnin (CEA)
13:40-14:00	Mapping R&D Needs for SMR/AMR Deployment: A Backend Perspective (FORSAFF)	Jesus Martinez (Amphos 21)
14:00-14:20	Update from EU SMR Alliance: Focus on the Fuel Cycle	Hidde Baars (URENCO)
14:20-14:40	Progress on the NEA Project on Waste Integration for Small and Advanced Reactor Designs	Una Baker (NEA)
14:40-15:00	IAEA Project on Addressing Challenges, Gaps and Opportunities for Managing SNF from SMRs: IAEA CRP SMR-COGS	Amparo Gonzalez-Espartero (IAEA)
15:00-15:05	Breakout Room Arrangements	
15:05-15:50	Breakout Room Discussions <ul style="list-style-type: none"> <li>• What do stakeholders want/need (in 5 years, in 10+ years)?</li> <li>• What project outputs are most useful?</li> <li>• What challenges still exist for SMR/AMR deployment?</li> <li>• How can project initiatives better support your decision making?</li> </ul>	All
15:50-16:00	Feedback from Breakout Rooms	Breakout Room Moderators/Rapporteurs
16:00	Close of Webinar	Tim Schatz (VTT)