

SAFER2028 Update to the Framework Plan for Call for 2024

SAFER2028 Management Group 11.8.2023

The National Nuclear Safety and Waste Management Research Programme 2023-2028 (SAFER2028) is opening a Call for Proposals for 2024 on 11.8.2023. The focus areas for the research programme are laid out in the Framework Plan, which can be found on the research programme's website¹.

In their meeting on 8.6.2023, the SAFER2028 Management Group decided on an update to the focus areas described in the Framework Plan for the Call for Proposals for 2024. Three key focus areas that are seen as important and not sufficiently presented in the current research project portfolio of the programme were selected:

- Small Modular Reactors (SMR's)
- Fuel research, especially Accident Tolerant Fuels and TRISO
- Non-destructive testing (NDT) of concrete materials

For the NDT of concrete materials, potential research topics include e.g. detection of gaps and holes in concrete structures and condition of rebars in reinforced concrete structures as well as recognizing damage mechanisms of concrete. Research on whether spent fuel pool leakage control system pipes located behind the liner plate are working properly is also of interest.

The SAFER2028 Call for 2024 is open 11.8.- 6.10.2023. The evaluation process will take place immediately after closing the call and financing recommendations from the MG are received towards the end of December. The National Nuclear Waste Management Fund (VYR) will make their financing decisions by the end of March 2024.

¹ <https://safer2028.fi/framework-plan/>