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Radioactive Waste Management for Small Amounts of Wastes – Results from the EURAD ROUTES Project

The ROUTES work package (WP) is one of two strategic studies WPs within the ongoing European Joint Programme on Radioactive Waste Management (EURAD). ROUTES objectives are to provide a framework for Member States to share methodology, experiences and knowledge in the radioactive waste management (RWM) considering waste from its origin to disposal. Two tasks within the ROUTES WP are specifically dedicated to solutions for small amounts of waste, both focusing on pre-disposal management as well as on disposal options. A target group for these RWM solutions are so-called small inventory member states (SIMS). Due to the small amounts of wastes of multiple physical and chemical forms, large-scale treatment facilities and disposal solutions together with existing infrastructures are not economically feasible. In this paper the results from the work gathered in multiple workshops discussing potential disposal options for SIMS together with the data acquired for predisposal management routes will be presented. It will provide an overview of the methodologies used for the identification of suitable waste management routes and will summarise the main outputs of the tasks achieved to date.

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