

Need and Opportunities

- Task 4.3 is focused on understanding needs and opportunities for managing metallic radioactive waste.
- We are aiming to gather information that can aid end users and stakeholders in understanding the size of the challenge faced by waste producers and identify potential opportunities for managing these wastes.

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Needs and Opportunities for Management of Metallic Waste Streams

Needs

- Assess the size of the metallic waste liability across Europe
- Understand treatment needs for these wastes to make them disposable
- Establish if wastes have an established treatment and disposal route or if a new one is needed

Questionnaires has been sent to partners and EUG members

Opportunities

- Assess the technologies and facilities that could treat the identified metallic wastes
- Compile information on the true capabilities of these different treatment facilities – including secondary waste generation
- Assess both technologies being tested within WP4 and those available at other European facilities – including metal melters

Work will generate a summary report and datasheets



Results will feed into a value assessment exercise at the end of the project

Deliverables

- Task 4.3 will provide a series of deliverables:
 - An inventory of metallic wastes
 - **Draft in Month 12, finalised in Month 18**
 - A technical summary of metallic waste decontamination processes
 - **Data sheets in Month 12, report in Month 45**
 - A technical summary of metal melting technologies
 - **Draft in Month 24, report in Month 45**
 - Assessment of secondary wastes and methods for managing them
 - **Draft in Month 12, finalised in Month 44**
 - An economic and environmental assessment of the technologies
 - **Month 45, including a value assessment workshop in Month 42**

Progress to date and upcoming work in 1st year

- So far we have developed and distributed an inventory questionnaire
- Over the coming months we will be:
 - Compiling the inventory data
 - Gathering information on decontamination technologies and developing data sheets
 - Conducting an initial assessment of secondary waste generation