



Inventory Questionnaire

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Questionnaire

- A questionnaire was circulated in mid-December 2020.
- It is a joint questionnaire covering data requirements for several PREDIS deliverables across work packages:
 - MS22: Inventory of metallic waste arisings
 - D4.1: Metallic waste inventory report
 - D5.1: Inventory data on liquid organic wastes
 - **D6.4: Database of solid organic wastes**

Questionnaire

- Target: End Users and Partners who own, manage or produce radioactive wastes.
- Online questionnaire, but can be provided as PDF if easier:
- <https://link.webpolsurveys.com/Participation/Public/39a14620-e5d8-4b4f-a9f5-919b534b57a9?displayId=Fin2161395>
- Still open for responses.
- If you prefer, please engage with us and we can help with completing the questionnaire.

Questionnaire Contents

- **Name and source:** waste type, material type, sources.
- **Heterogeneity / homogeneity:** composition and activity distribution (bulk or surface).
- **Current state:** location, storage facility, and if it is raw, containerised or packaged.
- **Quantitative data:** masses and volumes.

Questionnaire Contents

- **Properties:** physical state and chemical composition.
- **Radioactivity levels:** radionuclide-specific total and specific activity if possible, indicate whether activated or contaminated.
- **Treatment:** current treatment plans and any properties impacting PREDIS treatment and conditioning options.
- **Confidence:** level of confidence in information provided and an indication of any uncertainties.

Data Received – WP6

- So far data has been received for the following countries:
 - Finland (Fortum Power and Heat)
 - Czech Republic (ÚJV Řež, a. s.)
 - Switzerland (Nagra)
 - France (CEA)
- More responses are required.
- Some respondents did not identify any solid organic wastes.

Data Received – WP6

- Mostly operational wastes: Resins, mixed plastics, cellulosic wastes.
- Some conditioned (either in cement or bitumen), others just in bags or drums.
- So far only about ~3700 m³ of unconditioned solid organic waste reported.
- A larger volume of bituminised waste has been identified ~10,000 m³.