



# Inventory Questionnaire

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## Questionnaire

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- 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

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- Target: End Users and Partners who own, manage or produce radioactive wastes.
- Time to complete: ~one hour.
- Deadline: Originally 29<sup>th</sup> January 2021 – but still open.
- Associated inventory reports due in month 12 (August).

## Questionnaire Contents

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- **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

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- **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

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- So far data on RSOW has been received for the following countries:
  - Finland (Fortum Power and Heat)
  - Czech Republic (ÚJV Řež, a. s.)
  - Switzerland (Nagra)
  - France (Andra)
- Maintenance and decommissioning wastes: filters, pipes, sheet metal, etc.
- So far ~45,000 m<sup>3</sup> of metallic waste reported (including future arisings)
- More responses are required.