

MUSP

Macchine Utensili e Sistemi di Produzione

TECNOPOLO

Abrasive Waterjet Cutting for sustainable processes

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Perché MUSP a Piacenza?



FONDAZIONE
DI PIACENZA E VIGEVANO



Camera di Commercio
Piacenza



UCIMU-SISTEMI PER PRODURRE



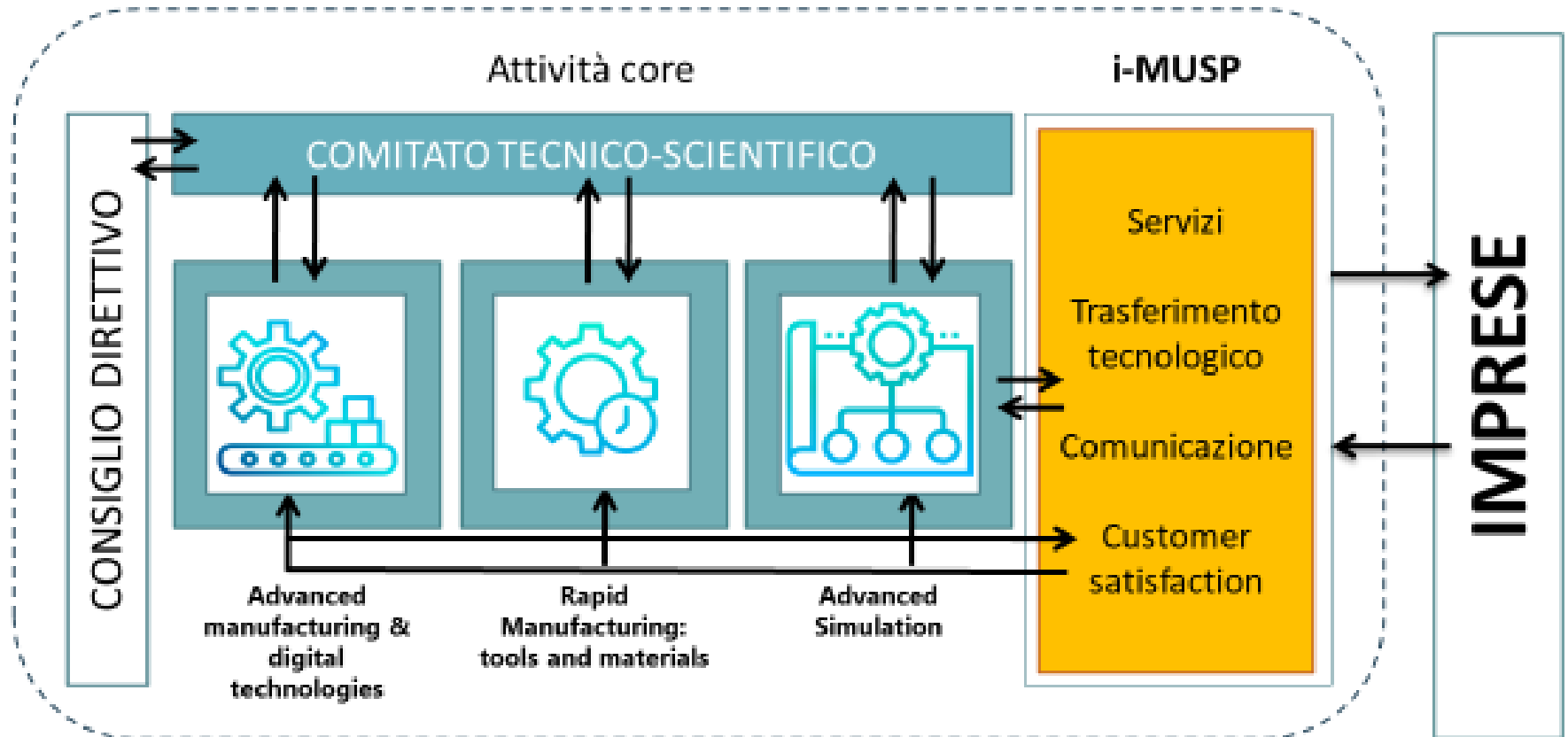
- Nasce nel 2005 come Consorzio
- Sede indipendente da quelle dei soci
- **Obiettivo: supporto alla competitività delle imprese**
- Sviluppo di soluzioni ad alto livello di innovazione tecnologica



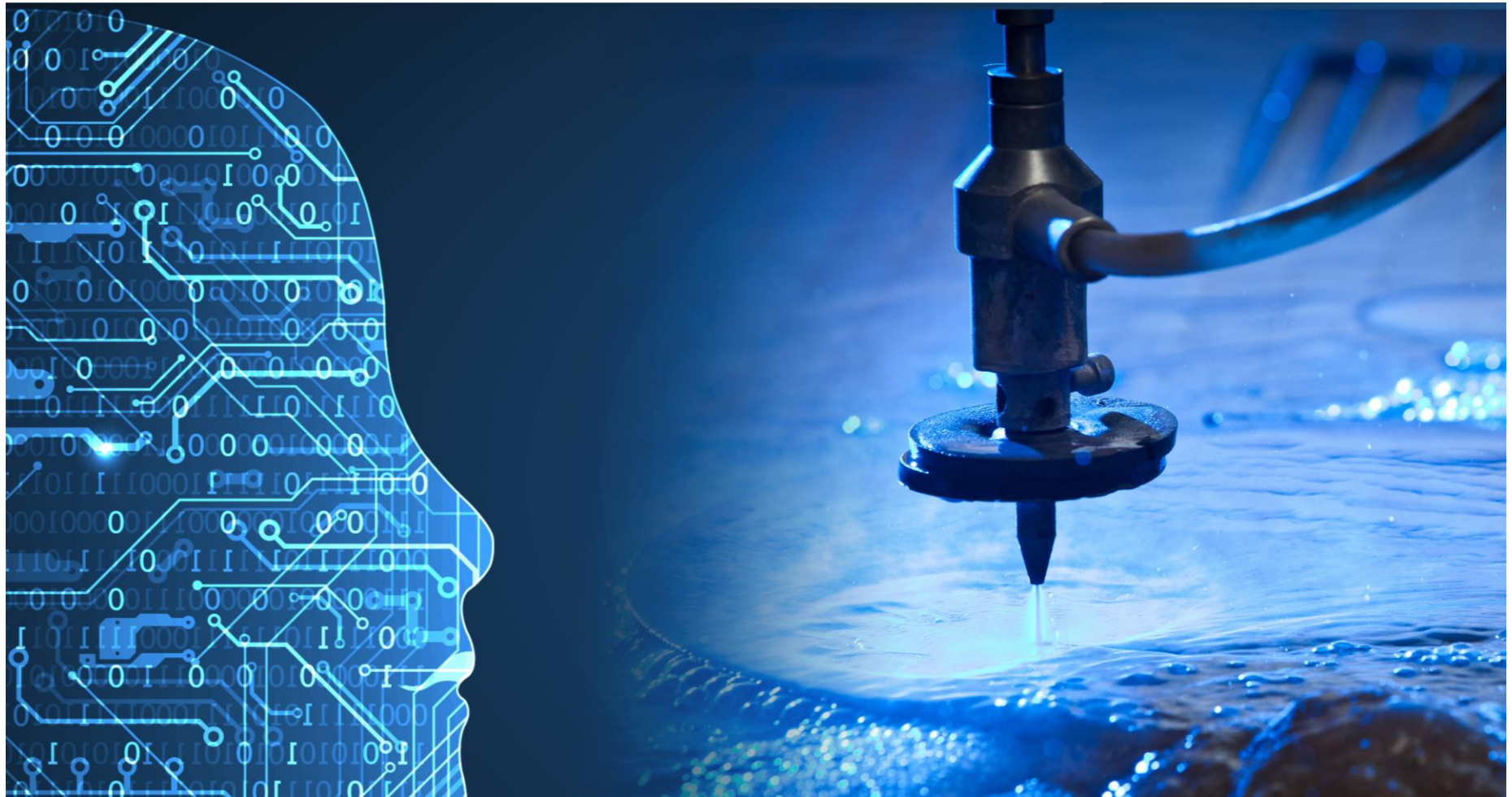
MECHANICS
MATERIALS
PLATFORM



MUSP activities outline



AWJ - Abrasive Waterjet Cutting



Decommissioning market

The global nuclear decommissioning market is worth an estimated **200 billion** euros: 12% from 2020 – 2025

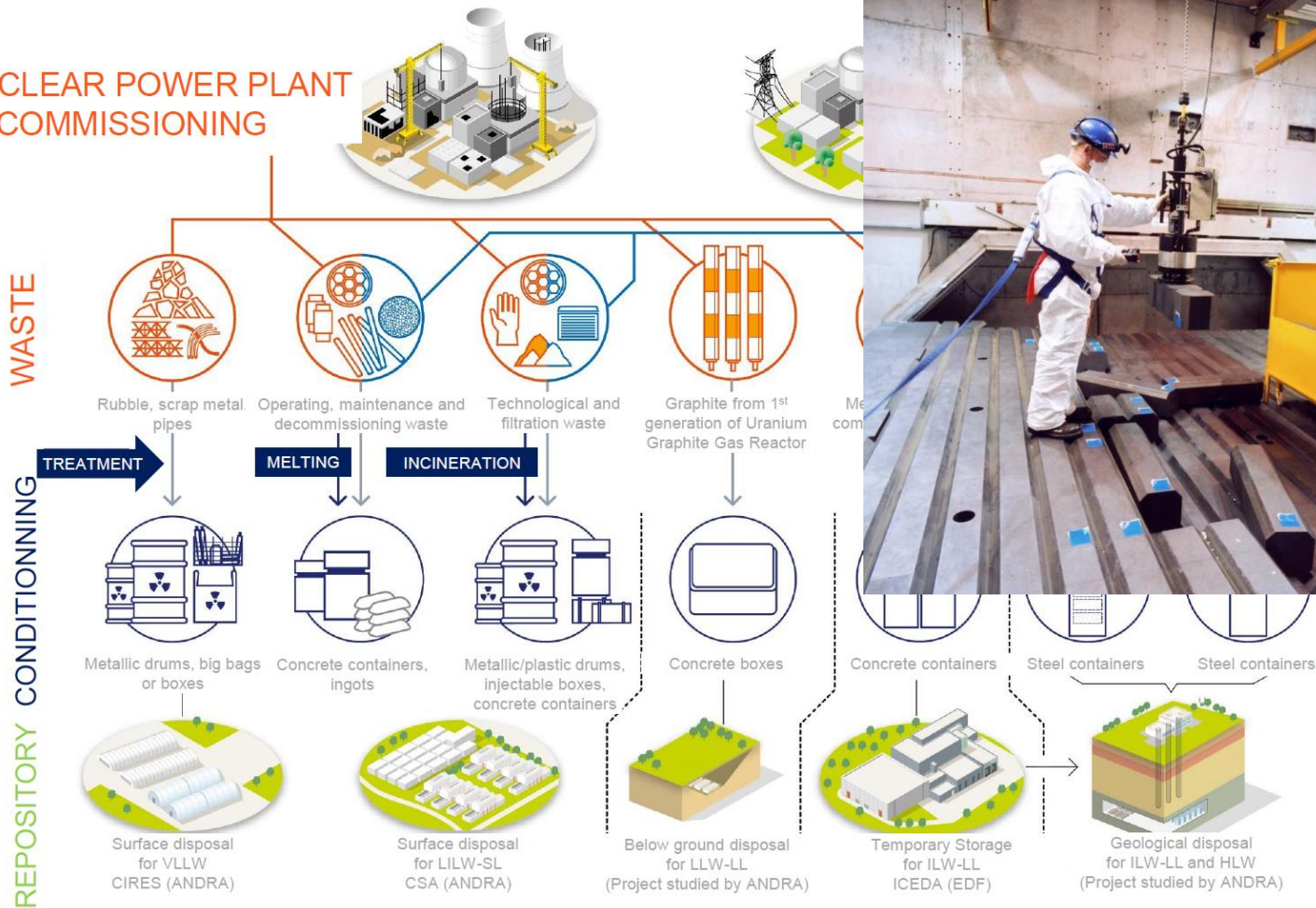
- **More than 150 European reactors reached a 40-year lifespan**
- **Declining prices of renewable power generation sources**



Decommissioning strategy

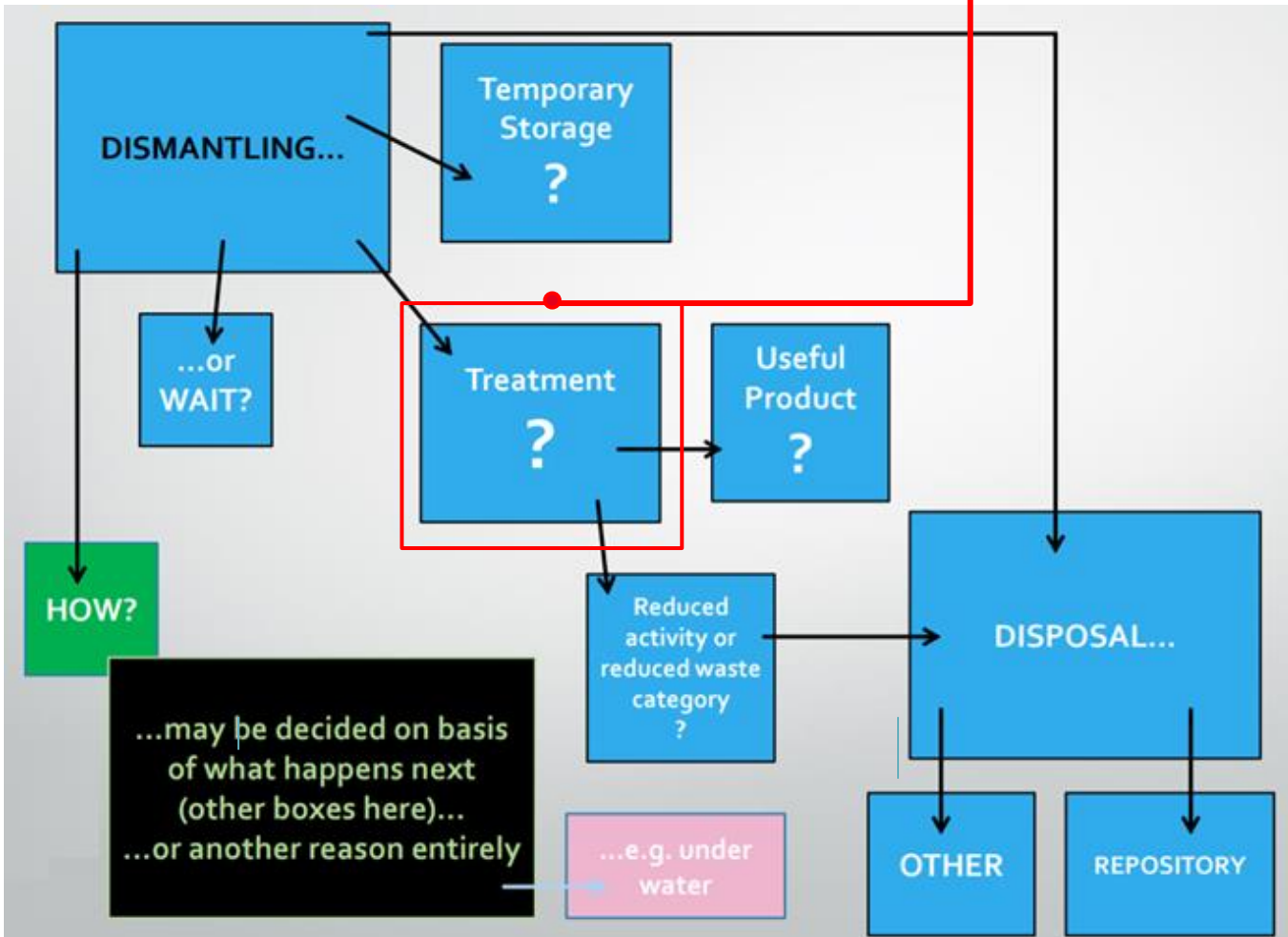
Dismantling of old reactors and the management of radioactive graphite wastes are becoming of increasing concern in a number of IAEA Member States

NUCLEAR POWER PLANT DECOMMISSIONING



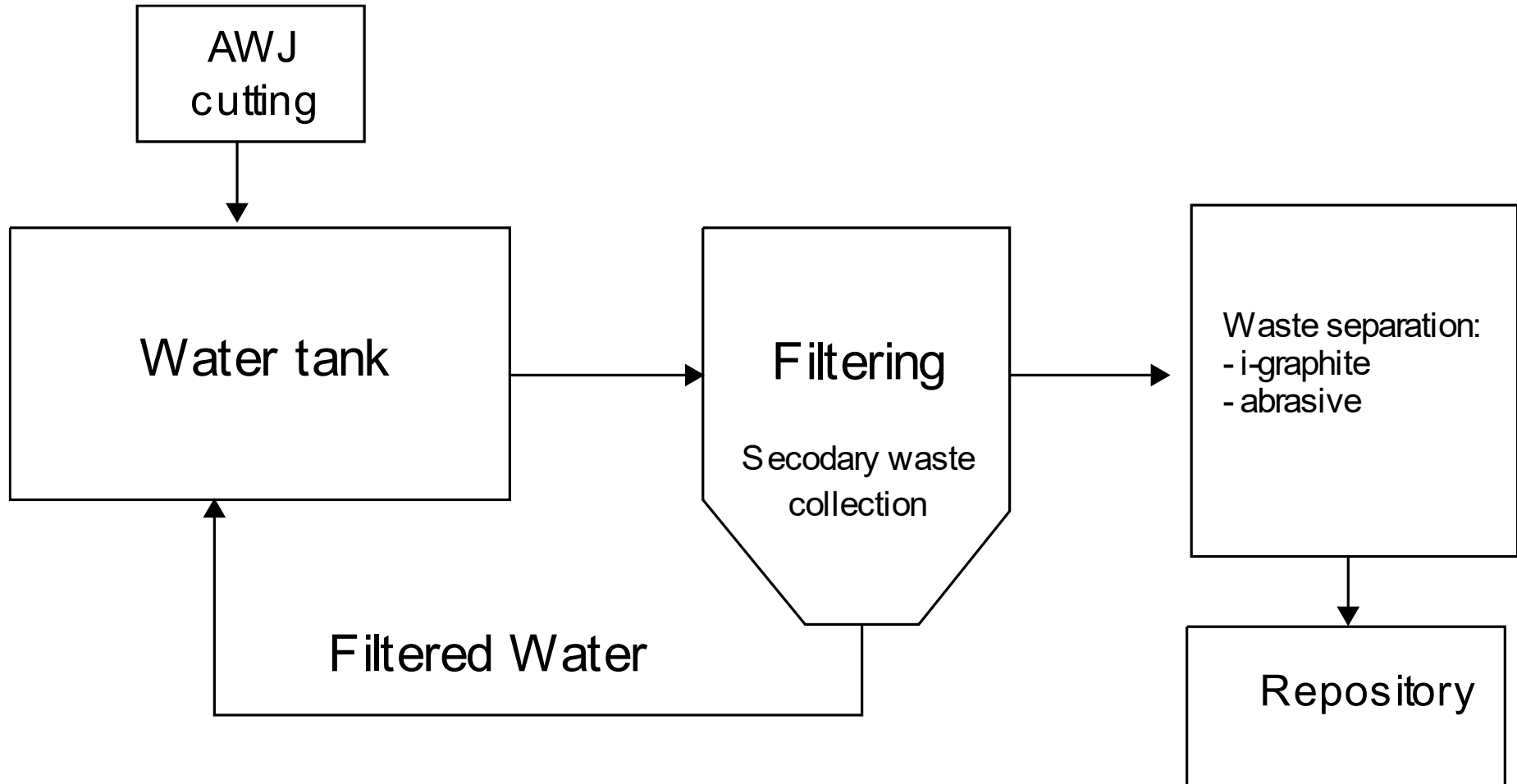
Dismantling strategy

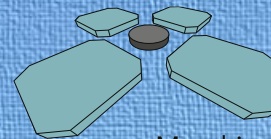
Cutting & Segmentation



AWJ cutting

Waste management cycle





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Grazie per l'attenzione



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