

URBAN WASTE. STRATEGIC POWER.

METIUM (HydroMETallurgical Tech for Interregional Urban Mining) is building Europe's **first interregional Urban Mining ecosystem** to recover critical materials from waste, **connecting 19 organizations across Europe** and bringing together expertise in research, industry, recycling and engineering to advance circular innovation and resource independence.

POWERING EUROPE THROUGH CIRCULAR INNOVATION

METIUM (HydroMETallurgical Tech for Interregional Urban Mining) is a Horizon Europe project focused on transforming urban waste into valuable Strategic Raw Materials. By scaling advanced hydrometallurgical recycling technologies and building interregional Urban Mining value chains, the project connects research institutions, industry partners, and regions across Europe.

METIUM aims to recover critical materials from end-of-life products and waste streams, reducing dependency on imports while supporting Europe's circular economy and sustainable industrial development.

Scan and discover how
waste becomes value!



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SMARTER RESOURCES FOR A SUSTAINABLE EUROPE

METIUM applies advanced recycling technologies and strong interregional collaboration to recover valuable materials from urban waste. By turning end-of-life products into new resources, the project supports Europe's circular economy while strengthening industrial resilience and reducing dependence on imported critical materials.

A future where cities become reliable sources of valuable materials is at the core of this project. By transforming waste into valuable resources, it supports a more sustainable and resource - independent Europe.

Solutions & Impact

METIUM connects collection, pre-processing, and advanced metal recovery to create efficient Urban Mining value chains that recover critical materials from end-of-life products.

By turning urban waste into valuable resources, the project supports Europe's circular economy, strengthens industrial resilience, and reduces dependency on imports.

**SMART RECOVERY.
REAL IMPACT.**



**Funded by
the European Union**

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80%–99.99%

High-efficiency recovery of 11 strategic raw materials from waste streams at high purity levels.



**STRONGER. INDEPENDENT.
SUSTAINABLE.**