



WEEE NET9

E-waste is the fastest growing waste stream in the EU, as well as a significant secondary source of valuable and scarce metals. WEEE-NET aims to take advantage of the **untapped potential of East and Southeast Europe (ESEE)** by lifting existing and persisting barriers, namely obsolete treatment technologies, lack of know-how on the part of the workforce, and insufficient penetration in secondary raw materials (SRMs) markets.

WEEE-NET will set up a novel e-waste (WEEE) recycling business ecosystem by introducing an innovative mixture of gravitational, hydro- and bio-metallurgical technologies. Beneficiaries of this innovative technology are WEEE recycling plants, collectors, and sorters as well as territorial waste management public authorities.

WEEE-NET aims to:

- Localise best practices on WEEE management, treatment, and CRMs recovery;
- Build-up the networking capacities
- Strengthen the WEEE recycling value chain;
- Raise awareness on WEEE recycling as a pillar of circular economy;
- Improve policy and regulatory framework.



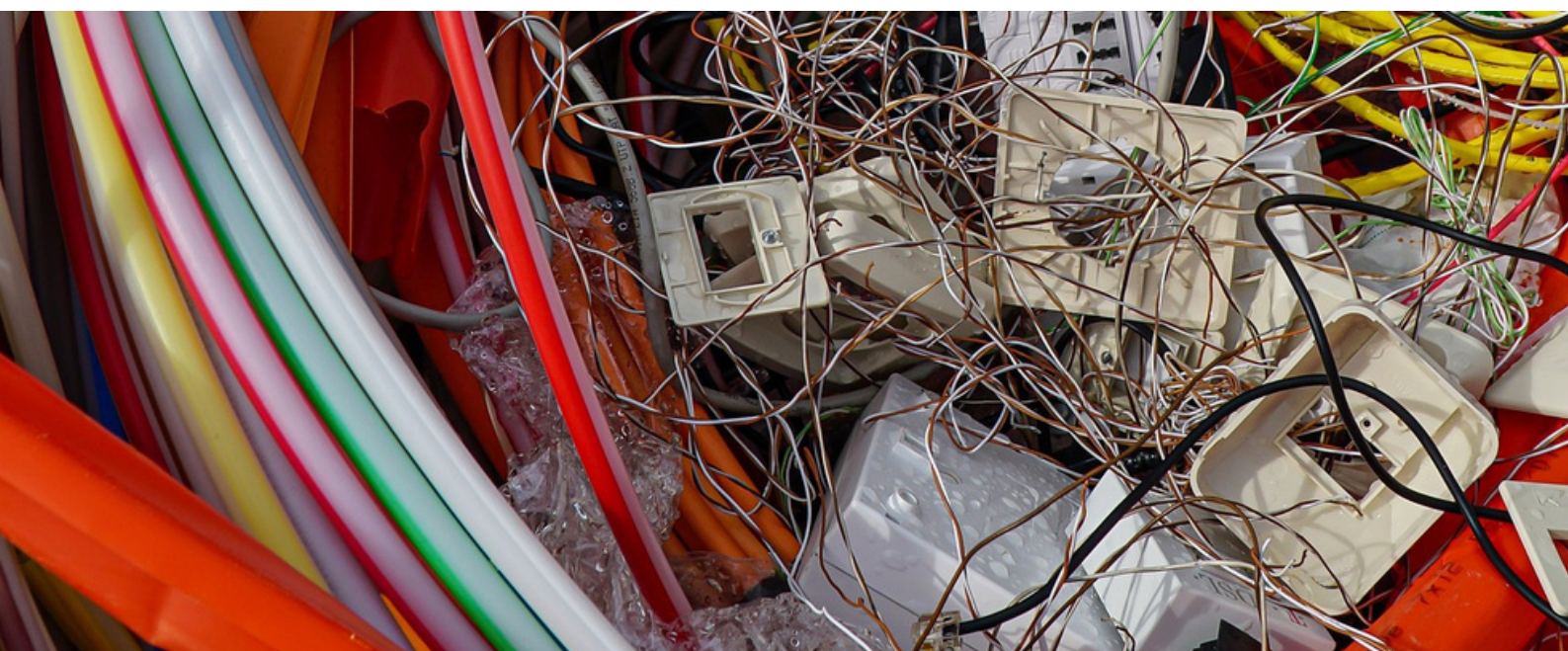
Co-funded by the
European Union

Activities

Showcasing of the WEEE-NET technological solution by gathering and processing a limited number of different e-waste streams, to be used as treatment input for the demonstration of WEEE-NET technology mixture. This process will be subsequently diffused in actual recycling facilities in the rest of the consortium countries.

Mapping of business actors along the WEEE value chain, relevant decision-makers and stakeholders by identifying WEEE collectors and sorters, pre-treatment centres, processing facilities and recycling plants, technology providers, research and educational institutions, managing authorities and organizations on a national, regional, and local level.

Expanding the potential for WEEE recycling and the overall business case of the project approach, by designing a detailed commercialisation strategy to facilitate the transition to full-scale WEEE recycling outputs. The purpose is to essentially kick-start business development activities around the innovative technological mixture of the WEEE-NET project.



Expected Results

5 large recycling facilities implementing the technology mixture project approach, expected to increase their WEEE recycling and CRMs recovery efficiency and consequently grow business profits.

500 manufacturers, retailers, collectors (PROs included) and recyclers, reached through dissemination activities, will also participate in the transfer of experience and matchmaking events to form business alliances; over 20 successful matches.

100 Kt of WEEE/year valorized, instead of shipped, landfilled, or improperly recycled.

42 Kt/year of CO2 emissions reduced in East and South East Europe.

30 waste management authorities (regional and local) and 10 research institutions will increase capacities on WEEE recycling.

5 start-ups and scale-ups in recycling will be supported by the WEEE-NET Business Support Services created during the project.

Over 200 potential EIT RawMaterials partners mapped and research analysis conducted on territorial market specificities in participating consortium countries.

20 national and regional administrations having been reached through engagement campaigns for public authorities, acquiring knowledge on how to support e-waste collection and recycling initiatives.