

Press Release

ESWET presents its vision for the future of the sector.

The Integrated Resource-Recovery Facility is a new model of plant that will unlock the full decarbonisation potential of Waste-to-Energy.

Brussels, 16 March 2023 - The [IRF](#) represents a step-change evolution in waste thermal treatment.

The objective of this promising project is two-fold:

- To present the main features of the IRF plant
- To highlight the relevant EU regulatory framework

By safely treating non-recyclables, Waste-to-Energy is complementary to waste prevention, reuse, and recycling. However, as waste generation continues to increase in Europe and globally, the sector is working on innovative ways to achieve its full potential.

ESWET, as the voice of European suppliers, is proud to present its updated vision for the future of Waste-to-Energy: [the Integrated Resource-Recovery Facility](#).

“Thanks to state-of-the-art European engineering”, said Patrick Clerens, ESWET Secretary-General *“new and refurbished plants can now implement innovative technologies to fully recover the non-recyclable”.*

Indeed, the IRF not only produces heat and electricity but also partly renewable hydrogen and synthetic fuels, in synergies with carbon capture and utilisation technologies. Additionally, IRF fosters the recovery of secondary raw materials through metals, precious metals, minerals, and even salts with enhanced recovery processes applied to incineration residues.

The IRF is the next step to further address EU environmental challenges posed by non-recyclable waste: fully reaching the decarbonisation potential of residual waste treatment, securing energy & materials in Europe, and finally closing the loop of the circular economy.

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