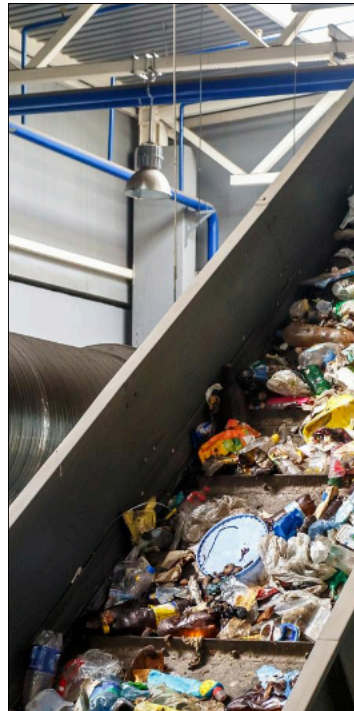


AI-Waste Engine

Material characterization through Artificial Intelligence.

Let AI-Waste Engine manage your waste analysis in real time, ensuring compliance, saving you costs and simplifying sorting processes.



Identify materials from a mix plastics, wood, cardboard, metal, food, textile, etc



Ultimate accuracy for plastics detection like PE, PET, PP, HDPE, LDPE, ABS, PLA and PS



Detect multilayer materials

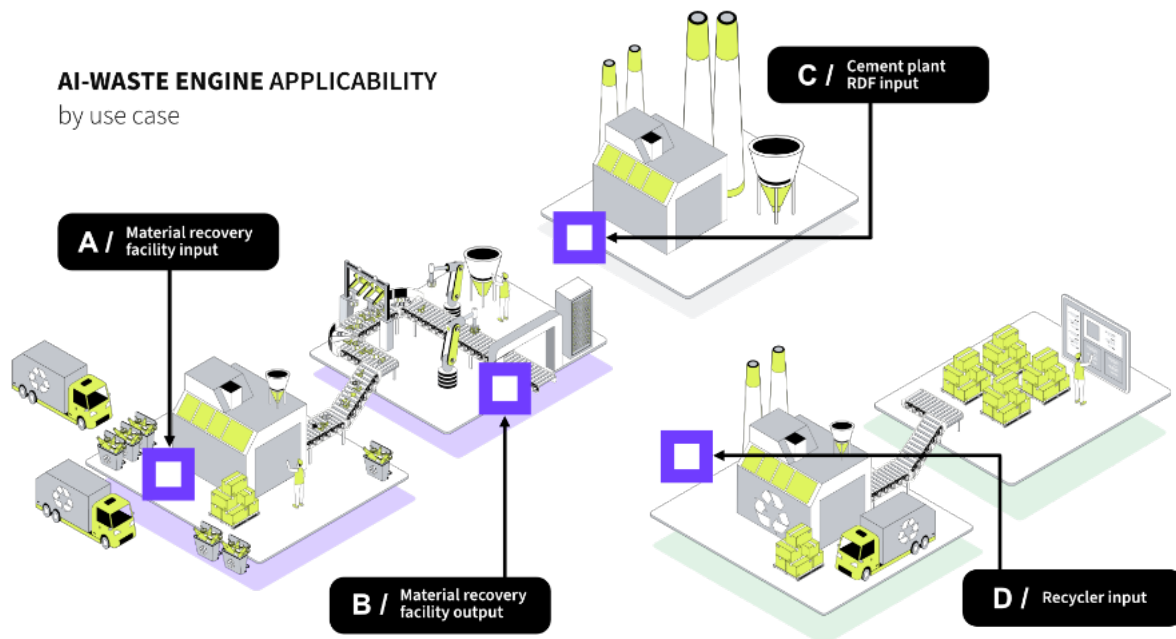


Size, weight, volume, packaging type



Calculate the moisture

AI-Waste Engine is a cost-effective solution that analyzes and provides detailed information for waste management.



A/ Know in detail your incoming flow from municipalities, stores and industry. Adapt in real time your facility to improve efficiency.

B/ Measure the accuracy of your facility's material selection, controlling the quality in real time with no sampling limit, to certify your production automatically.

C/ Analyze the LHV, chlorine rate and moisture content of the RDF that you acquire from the MRF.

D/ Monitor the purity of incoming material from your suppliers to know the amount of unsolicited material entering your stream and be able control it to it in time.

80%

time reduction

75%

in savings⁽¹⁾

95%

accuracy⁽¹⁾

AI POWERED

It gets better the more you use it and ensures you are compliant.

REAL TIME

Confidence in compliance with real time results.

RELIABLE

Ultimate accuracy for better decision making (>95%).

ON CLOUD

Intelligent cloud-based dashboard with BI.

INDIRECT INSPECTION

Contactless and non invasive measurement.

INDUSTRY ORIENTED

In-line fast detection for industrial processes.

COMPLETELY CUSTOMIZABLE

Train and visualize specific materials & insights.

PLUG & PLAY SYSTEM

Plug & play system. Integrate seamlessly with current systems.

Key Features

- Get to know insights on your materials being used for input and output on selection & recycling processes.
- Identify the valuable items in waste, including their material, weight, volume, moisture content, and calorific value.
- Work without direct contact with the material keeping established operational processes.
- Enhance selection accuracy, characterize input/output of recycling plants, and boost the future of recycled materials.

