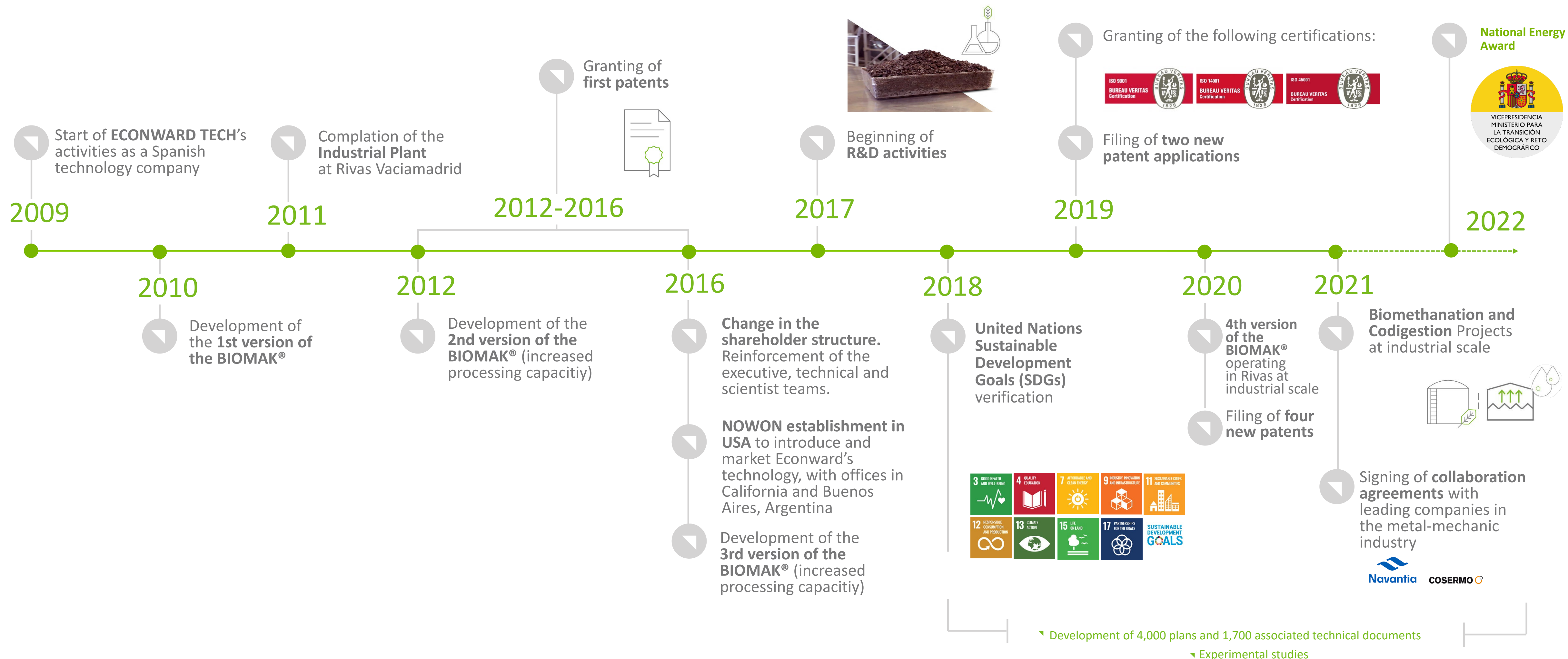


An aerial photograph of a lush green field with a single tree in the upper right. The field is divided into sections by dark lines, possibly furrows or paths. Long shadows are cast across the field, suggesting a low sun position. The overall scene is vibrant and natural.

ECONWARD TECH

WASTE TO VALUE TECHNOLOGY

▼ We are backed by **13 years of experience** and more than **€35MM** invested in R&D activities that allowed us to develop a great technical solvency and forge strategic alliances with leading companies in the industrial sector.



Our technology transforms organic waste into biogas and compostable digestate



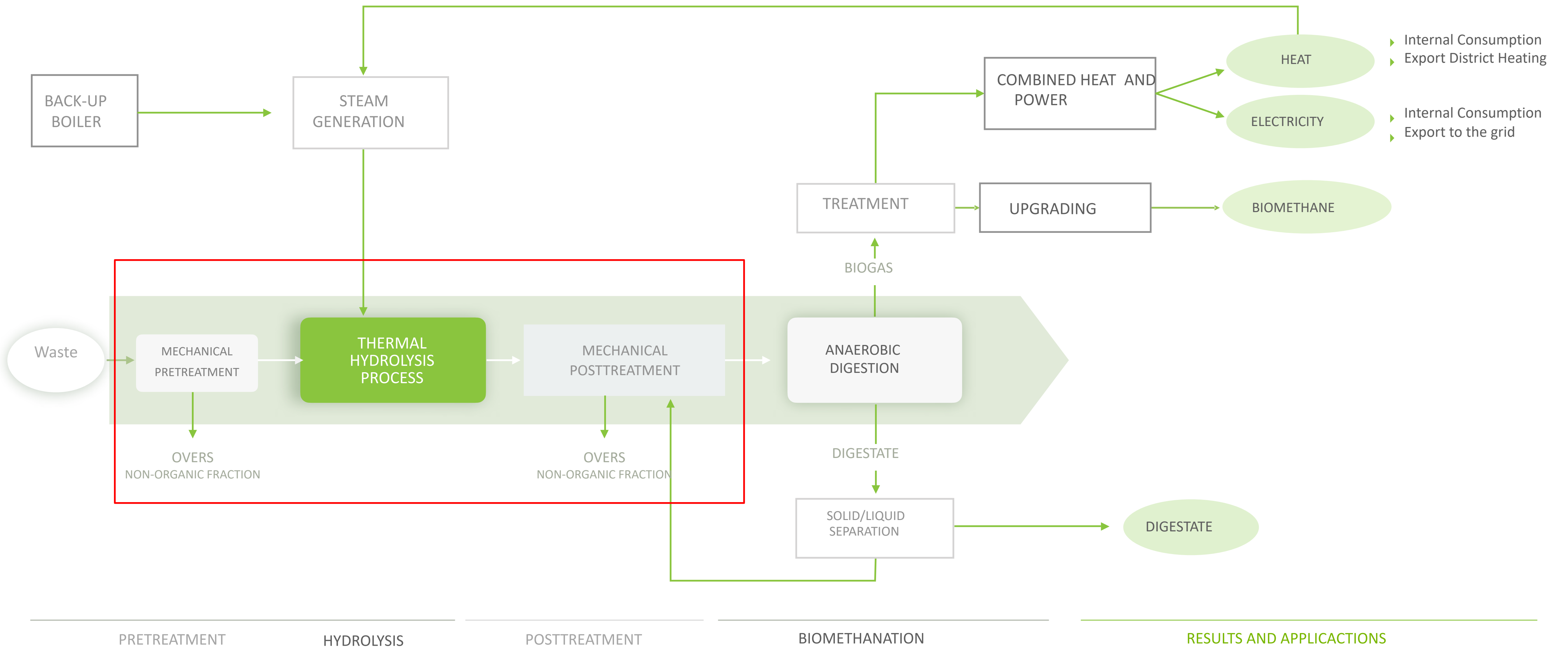
▼ We help avoid landfill disposal

▼ We innovate to decarbonize the waste sector

▼ We produce renewable energy

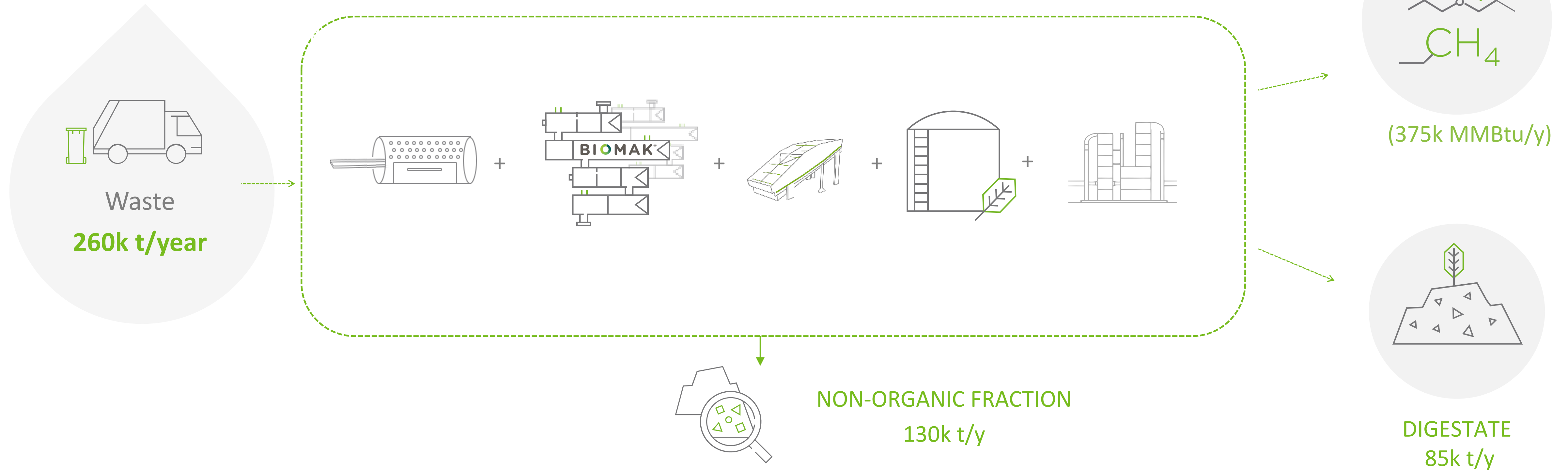
MRF fines → Hydrolysis → Anaerobic Digestion → Biogas + digestate
Contaminated SSO → Hydrolysis → Anaerobic Digestion → Biogas + digestate

NOWON waste-to-value plant design



Our technology adds innovative value to organic waste management, building a sustainable bridge between the waste and energy sectors.

STANDARD PLANT TO TREAT 260k t/year



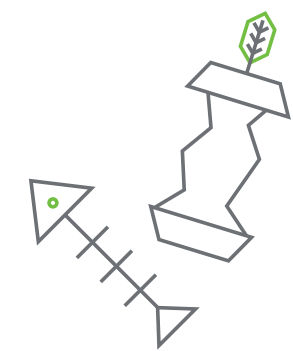
The five-step system, involving: (1) pre-screening mechanical separation, (2) our proprietary continuous autoclaving system (using thermal pressure hydrolysis), (3) post-hydrolysis mechanical separation, (4) anaerobic digestion and (5) biogas upgrading

Integrated NOWON Waste-to-Value System in a landfill site

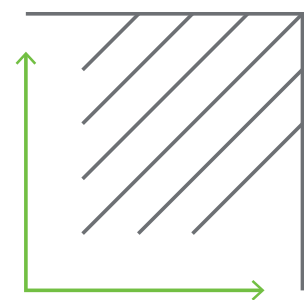


3D rendering of an integrated organics capture facility including thermal hydrolysis, anaerobic digestion and biogas upgrading.

▼ By integrating our technology in existing waste management facilities, we contribute to reducing waste disposal and emissions, increasing recycling rates and enabling renewable energy production.



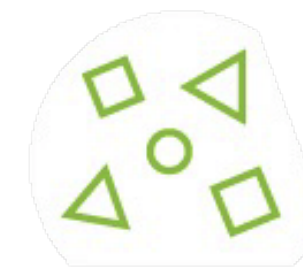
+ 90%
of Organic Matter Recovery



+ 30%
increased landfill capacity

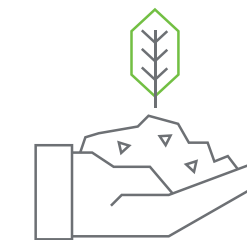


Increased biomethane revenue



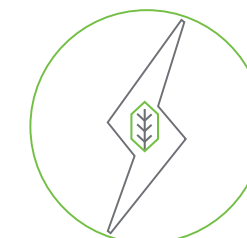
Greater efficiency in organics separation

Excellent quality substrate that favours the stability of complementary processes.



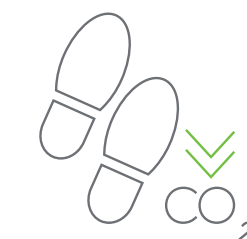
Excellent quality digestate

Free of pathogens. Class A compost.



Energy efficiency

Enough energy produced for internal consumption or grid injection.



GHG emissions savings

Each Biomak® produces savings of 40,000 t/CO₂eq per year compared to a landfill with gas extraction.

This is the first commercially available technology in the world to have a proven, certified separation of organics from MSW of over 90%.

Let's lead the change!

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We foster the Circular Economy Principles

Signatories of 'Pact for a circular economy: The commitment of the economic and social agents 2018-2020' to promote the transition to the Circular Economy. .