

MAVITEC

What a year to look back on. Behind the scenes we have been working hard to keep on running and innovating. Mavitec Green Energy's food waste & depackaging solutions proved to be the most economic answer to worldwide bio-waste and food waste challenges. After creating the cleanest organic output our engineers have been focussing on upgrading the plastic fraction. Next year we will present a new machine that delivers the perfect plastic output, dry and extremely clean. This Summer the most modern rendering plant of Europe was opened in Ukraine and we are very proud to be part of this unique project. In the Middle East the first gasifiers are ready to run and more gasifiers will follow in 2022. Our factory is fully equipped with high tech machinery and our Services Department is expanded to keep offering you the best Rendering, Gasification and Green Energy solutions worldwide.

We are looking forward to seeing you soon and wish you a new year full of health and prosperity. Let's stay connected!

Stay safe,
Maco van Heumen, CEO Mavitec



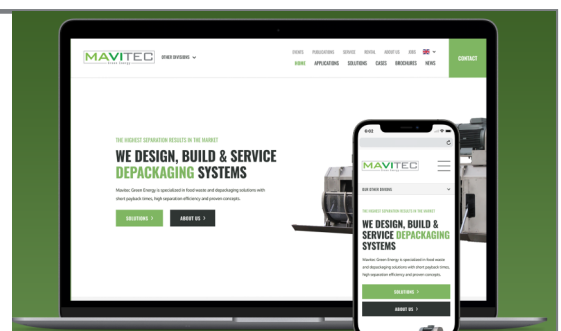
Processing 60 tons of food waste per hour



Mavitec Green Energy recently installed four **Paddle Depackers** at the largest depackaging plant in The Netherlands. One of the leading players in the processing of organic waste, selected our machine to process various kinds of supermarket and organic waste. Four Paddle Depackers handle up to **60 tons of food waste** per hour! The machines separate the organic fraction from the packaging and produce a clean organic output that is suitable for use in e.g. biogas/biodiesel installations. The clean plastic fraction is suitable for recycling. The installation includes more than 30 conveyors, 2 raw material bins, 2 organic receiving bins with centrifugal pumps and will be fully operational from January 2022. [More images and information](#) on our website.

New website Green Energy

Discover our smart and innovative food waste & depackaging solutions and read all about our solutions, interesting cases, customer experiences and latest news. Visit our new website: www.mavitecgreenenergy.com.



Mavitec Green Energy

In the spotlight: Mont aux Roux

In France the Paddle Depacker is installed at SCEA Mont-aux-Roux, farmer with biogas installation in Normandy. This high capacity depackaging unit processes various kinds of supermarket waste with a capacity up to 30 m3 per hour. The clean organic soup is used for his own biogas installation. The Paddle Depacker allows the client to depack materials on his own site. 'The Paddle Depacker is the perfect machine because of its excellent overall depacking speed (throughput)', according to the customer. Besides, the line is adaptable to a wide range of products that needs to be unpacked. **Interested?** Watch the [video](#) and read the [case](#) on our website.



Mavitec Rendering



Comply with EU-regulations

Do you want to export your product or split your existing or new CAT.1 processing line into a CAT.1 & CAT.2 line and is pressure sterilizing according method 1 needed? Mavitec offers a unique continuous solution that sterilizes both fat and protein in one go. Separate systems are not needed and the sterilizer can be implemented in your existing processing lines. Advantages compared to traditional meal and/or fat sterilizers are less energy usage, smaller footprint, no influences on the quality of the end-product and many more. **Interested?** Contact our [Sales Department](#).

Exhibitions & Agenda

Successful exhibitions & Agenda 2022

After some online exhibitions we hosted a few successful shows in Russia, France and Italy. It was a pleasure to meet visitors in real life again. We hope to meet again in 2022!

IPPE Atlanta	25 - 27 January
Biogas 360 Nantes	26 - 27 January
UK AD & Biogas Birmingham	02 - 03 March
Waste Expo Las Vegas	09 - 12 May
IFFA Frankfurt	14 - 19 May
EFPR Algave	25 - 28 May
IFAT München	30 May - 03 June



Cris, Pascal, Eric Durivault - Pollutec Lyon

Mavitec Rendering

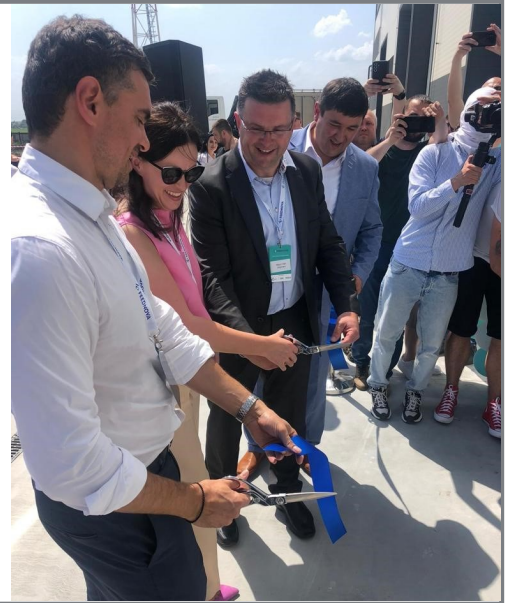
Opening FeedNova

Most modern rendering plant in Europe

Ukrainian and international investors built a unique plant to implement innovative solutions for the processing of animal waste. **FeedNova** is the largest modern plant of feed additives in Ukraine. After two years of construction and installation the grand opening took place in Kyiv last Summer. With a capacity of more than **130 tons** per day the company is ready to create the best **nutrient values** in the market.

Together with Nadiia Kaznacheieva (UMG Investments) and Igor Liski (Effective Investments Group) Maco van Heumen, CEO Mavitec, cut the ribbon to celebrate the official opening. Mavitec is one of the partners and proud to be part of this unique project.

Watch the [video](#) and [read the complete article on our website](#).



Ring Dryer

Highest quality end-products



The [ring dryer](#) dries pre-treated material such as blood clot or hydrolyzed feather/hair mass. Thanks to the short exposure to heat and short drying time the highest possible end-product quality is guaranteed. The result: extreme high protein levels such as feather meal up to **88%** and blood meal up to **97%**.

The ring dryer can recirculate 50% of the heated exhaust air to save fuel and odour control costs. So, besides the highest protein levels the ring dryer contributes to the lowest possible energy costs. **Interested?** [Contact our Sales Department](#).



Mavitec Environmental

Installation update: gasifiers Middle East

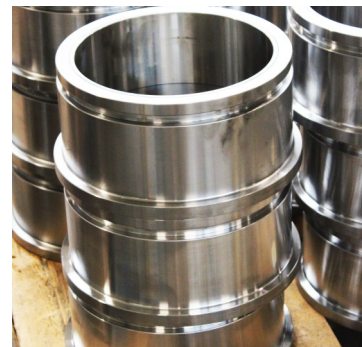
Circular agriculture in the desert

In the Middle East **Mavitec Environmental** installed four gasifiers. Gasification offers advantages such as volume reduction, production of renewable energy and reduction of CO2. The produced heat can be used as energy or hot air and the by-product [EcoChar](#) can be used as soil improver. Four gasifiers can convert up to **400 tons** of **chicken manure** per day and the daily production of **EcoChar** is **50 tons**. Applying EcoChar in desert soil retains the water keeping the soil fertile. It enables sustainable agriculture and at the same time the manure problem is solved. **Interested?** Contact our Sales Department or [read complete article](#) on our website.



Spare parts & Service packages

To fulfill the international demand for spare parts we opened an extra warehouse in Russia. In The Netherlands we also have more spare parts available and our Service & Assistance Department has been expanded. Five international installation and supervisors in the field, three trailers for rental and transport, more cars and more people are ready to offer you the best service possible. As maintenance plays an important role to ensure the continuity of the installation, the latest addition to complete our services are [service packages](#). Minimize unnecessary downtime, increase operational reliability and achieve maximum return. We offer three service packages: Bronze, Silver and Platinum. **Interested?** Contact our [Service experts](#) for more information.



Visit Mavitec Factory

In September we hosted a delegation of Russian customers for a joint business trip to Mavitec Turkey. Together with our Dutch, Russian and Turkish colleagues an extensive program was made to combine business and social networking. A visit to Mavitec's production facility to show how our equipment and spare parts are built and made, reference visits to various partner companies and sharing knowledge about how to maximize the value of animal by-products.

Read the [complete story](#) on our website.



Meet Mavitec

Our Sales Department has expanded with Mart Jaarsma, Sales Engineer rendering projects and Cris Gonzalez joined our Marketing Department.



Marketing
Cris Gonzalez
cgonzalez@mavitec.com



Sales Engineering
Mart Jaarsma
mjaarsma@mavitec.com

Can we help you?

For all your questions, need for support or assistance, contact our service experts:

Service & Assistance service@mavitec.com
Spare parts spareparts@mavitec.com
General info@mavitec.com

More Mavitec news? Follow us on LinkedIn.

MAXIMIZE THE VALUE OF YOUR BY-PRODUCTS



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