

BIOMODIL
Technologies for nature





*Biomodil srl, holder of the **CLF Modil®** patent, deals with the design, construction and marketing of modern and inexpensive systems for the biological treatment of sewage, biogas digestate and in general of zoo technical and agro-food waste, referring to natural systems of transformation into organic substance.*

Biomodil is now part of Gruppo Epta.

MAJOR COMPANIES



IRRIGATION MACHINES
WATER MANAGEMENT SYSTEMS
www.idrofaglia.com



GENERATING SETS
AND WELDING MACHINES
www.greenpowergen.com



MOULDING OF PLASTIC MATERIALS
AND DESIGN SOLUTIONS
www.modulasrl.it

FURTHER COMPANIES



METAL INDUSTRIAL
COATING AND
SANDBLASTING
www.metalcolorlunano.it



SYSTEMS FOR ZOOTECHNICAL
WASTE, FOOD WASTE AND
DIGESTATE TREATMENT
www.biomodil.com



INTERNATIONAL BUSINESS
MANAGEMENT AND
SERVICE SOLUTIONS
www.eptatrade.it



IRRIGATION SYSTEMS AND
POWER GENERATORS
SHOWROOM
www.eptafrance.fr



BIKE CARRIERS, ROOF BOXES,
AUTOMOTIVE SOLUTIONS
www.fabbri.info



HANDCRAFTED ITALIAN
WOOD OVENS SINCE 1982
www.tranquilliforni.it

BRANDS



ROOF BOXES AND
AUTOMOTIVE SOLUTIONS
www.modulacs.com



LIFTING SYSTEMS
AND ENGINEERING SOLUTIONS
www.ironsystem.it



PRODUCTS AND SOLUTIONS
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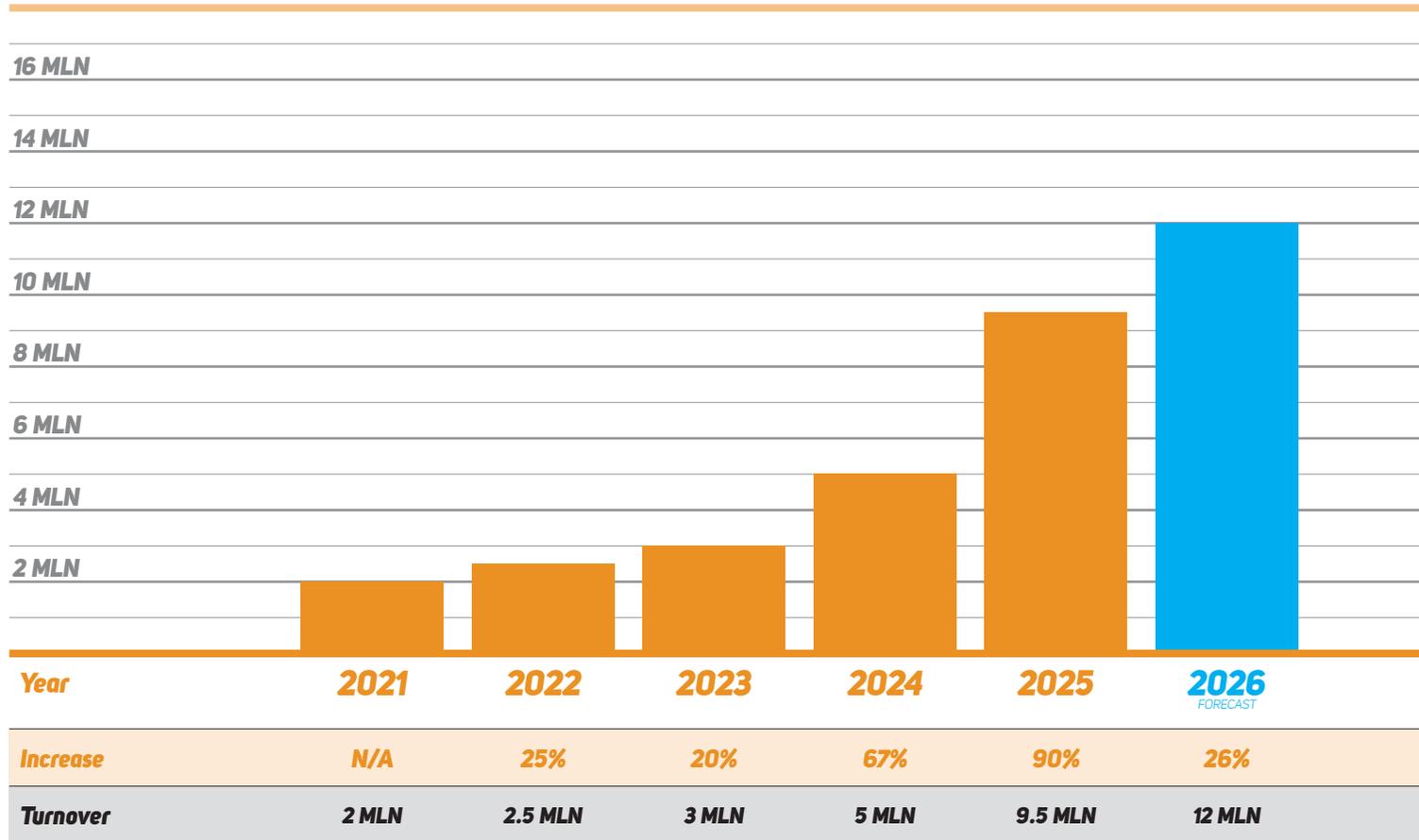
Epta Group turnover 2025: **275.000.000 Euro**

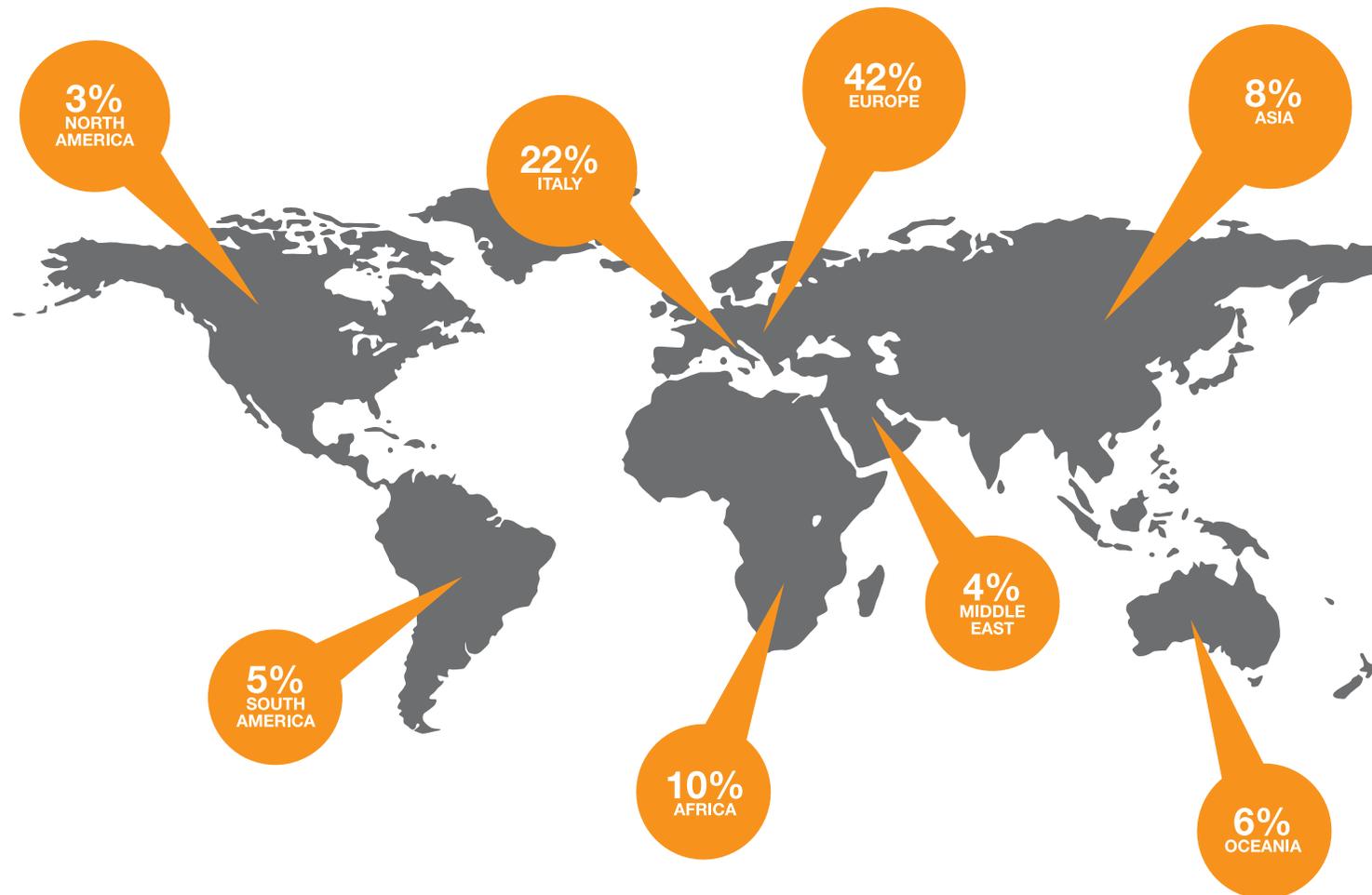
Number of Epta Group members: **640**

Surface Epta Group Companies: **60.000 mq**



TURNOVER BIOMODIL 2025: 9.5 MLN







**BIOGAS
BIOMETHANE
DIGESTATE**



**ZOO
TECHNICAL
WASTE**



**AGRI
FOOD
WASTE**



**ORGANIC
SUBSTANCE**



OVER 100 SYSTEMS INSTALLED!

CLF MODIL

It is a modern, inexpensive biological treatment plant of sewage, of biogas digestate and of zoo technical and agro-food waste, referring to natural systems of transformation into organic substance.



The CLF Modil® technology consists in the transformation of liquid and solid waste into workable material with the use of organic material with low moisture content (shredded straw, wood shavings, sawdust, shredded maize stalks etc.)

The CLF Modil® plant consists of a structure characterized by a supporting frame that runs in longitudinal direction along the underlying tank containing the vegetable biomass, carrying out the distribution of the waste on the surface and then using the cochlea to move and oxygenate the biomass.

The CLF Modil® process represents an innovative technology that brings benefits and advantages to farmers, a better safeguard of the environment and quality of life, with strong energy savings, cost reduction, elimination of bad odours and realization of an important virtuous circle in the production chain of livestock farms.



TRANSFORMATION OF WASTE AND DIGESTATE

Transformation of zoo technical, digested and agro-food waste into a workable, odour-free, stable product that can be used in an agronomic or commercialized environment.

REDUCTION OF INITIAL VOLUMES

With the use of the CLF Modil® plant, there is a reduction in the volumes of introduced waste up to -85%.

REDUCTION OF LANDS

Consequently to the reduction of the nitrogen load, there will be a proportional reduction of the lands necessary for the spreading practices of the obtained product (UP TO -75%), this also to advantage of vulnerable zones.

REDUCTION OF NITRATES

The CLF Modil® reduces the nitrates (nitrogen load) of waste and digestates treated through the aerobic fermentation process.

ECO-FRIENDLY ORGANIC SUBSTANCE

The product obtained with the use of the CLF Modil® turns out to be an eco-compatible soil conditioner that provides the soil with the organic substance necessary for restoring land impoverished by crops. The Compost that comes out, in addition to being free of weeds, coli, moulds, mycelia, insects and larvae, acquires great commercial value and excellent stabilization.

ELIMINATE SMELLS AND HARMFUL EMISSIONS

Tests carried out, show that even during the processing cycle odours and emissions are far below the limits set by current regulations.

1 **INTERNAL PRODUCTION PROCESS** (VERTICAL INTEGRATION)

The five steps of the production process are completely managed within the company.



2 INVESTMENTS

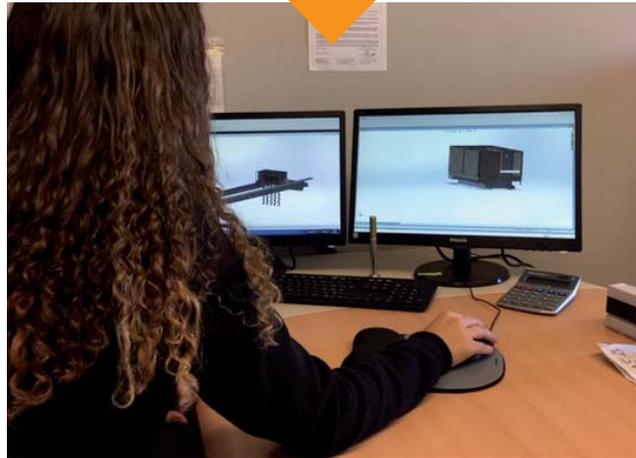
In the last 3 years, Epta Gruppo invested more than **Euro 21.8 MLN** in new machineries and facilities to improve the quality of the products.



3 AFTER SALES

Biomodil follows its customers at all stages, from planning until after-sales service.





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