

MEPOL
GROUP
 Polymers become ideas

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 Relatore: Dott.ssa Tatiana Melato – tatiana.melato@mepol.com







45.000 m²

Area



**Recycling &
Compounding Plant**

Area



40.000 t/y

Installed capacity

Mepol is an innovative and flexible company, which produces thermoplastic compounds and distributes plastic materials throughout Italy and overseas. Customer focus is based on efficient assistance and valid technical support for products “tailor made”.





70.000 m²

Area



**Recycling and
Compounding Plant**

Washing/ Grinding / Densification



25.000 t/y

Installed capacity

I.T.I. Poland replicates for the North Europe the Mepol model producing compounds.

It is equipped with a plant for washing, grinding, extrusion and for the recovery and grinding of polymers.



ITI POLAND

Polymers & Compounds





25.000 m²

Area



10.000 t/y

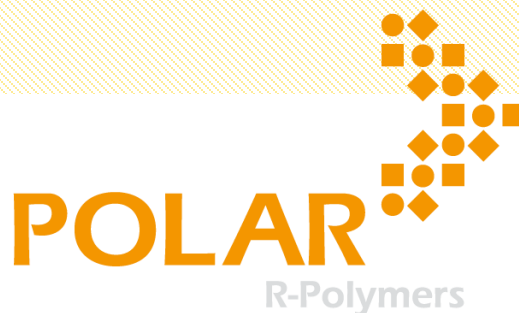
Raw material treatment



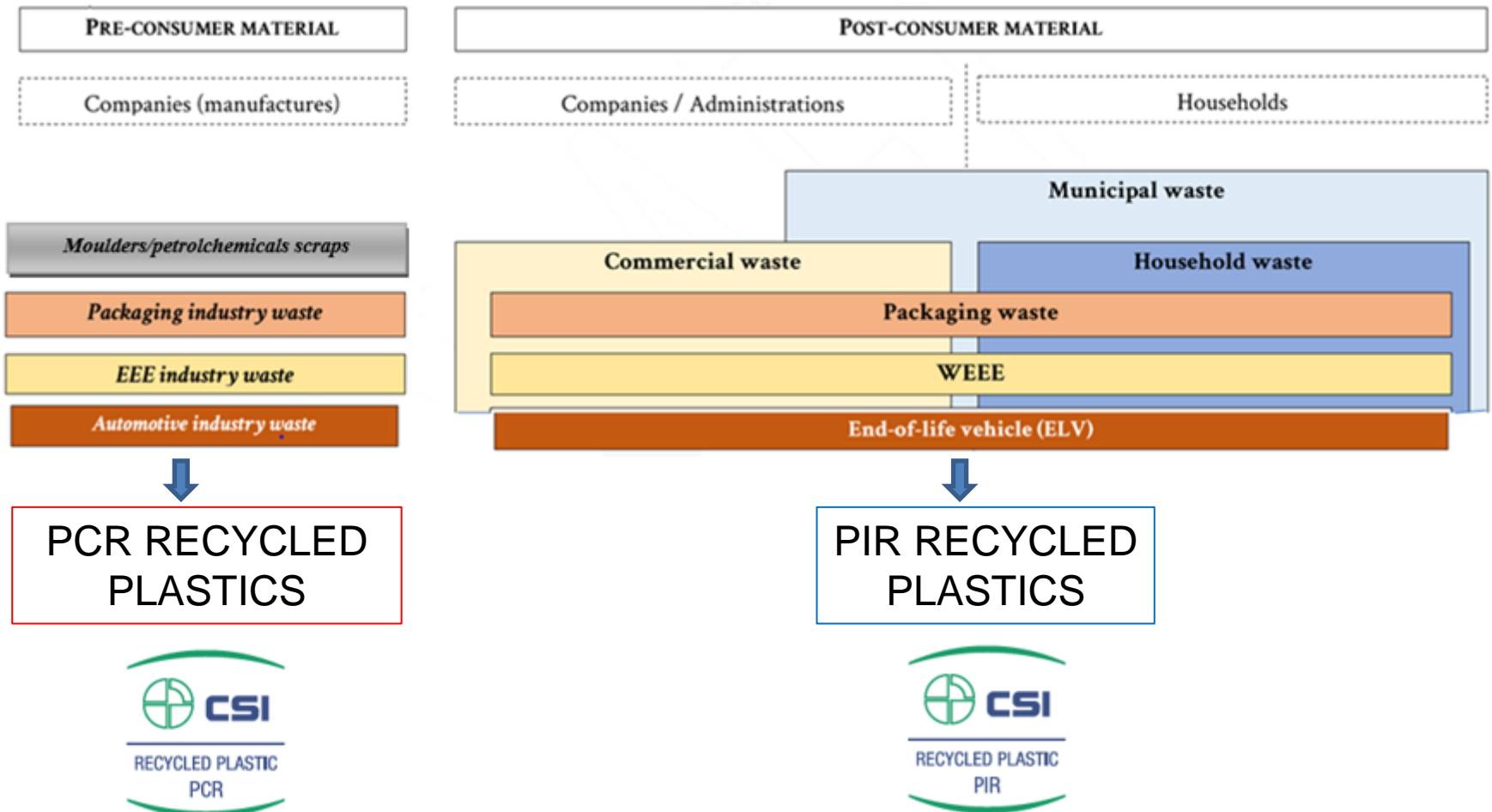
Recycling plant

Selection / Grinding / Densification

Headquartered in Ferrara inside the Italian petrolchemical site, Polar has developed its own business in processing and trading of plastics from industrial and post-consumer waste. It is certified according to UNI 10667-1.



SOURCE: RECYCLED MATERIALS RECOVERING



SOURCE: RECYCLED MATERIALS PIR + PCR MATERIALS* 2020



22.050 tons



9.850 tons



7.000 tons

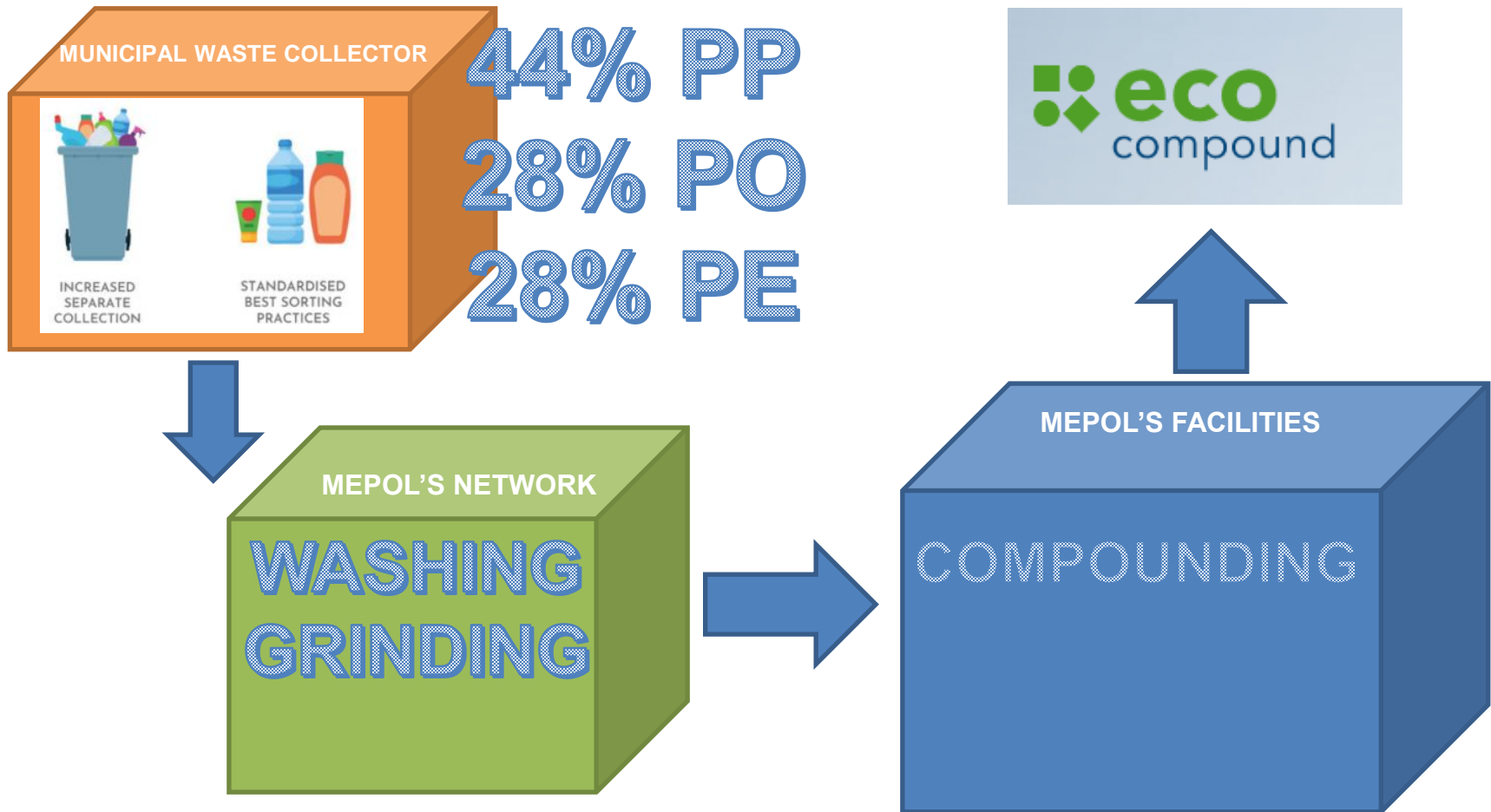


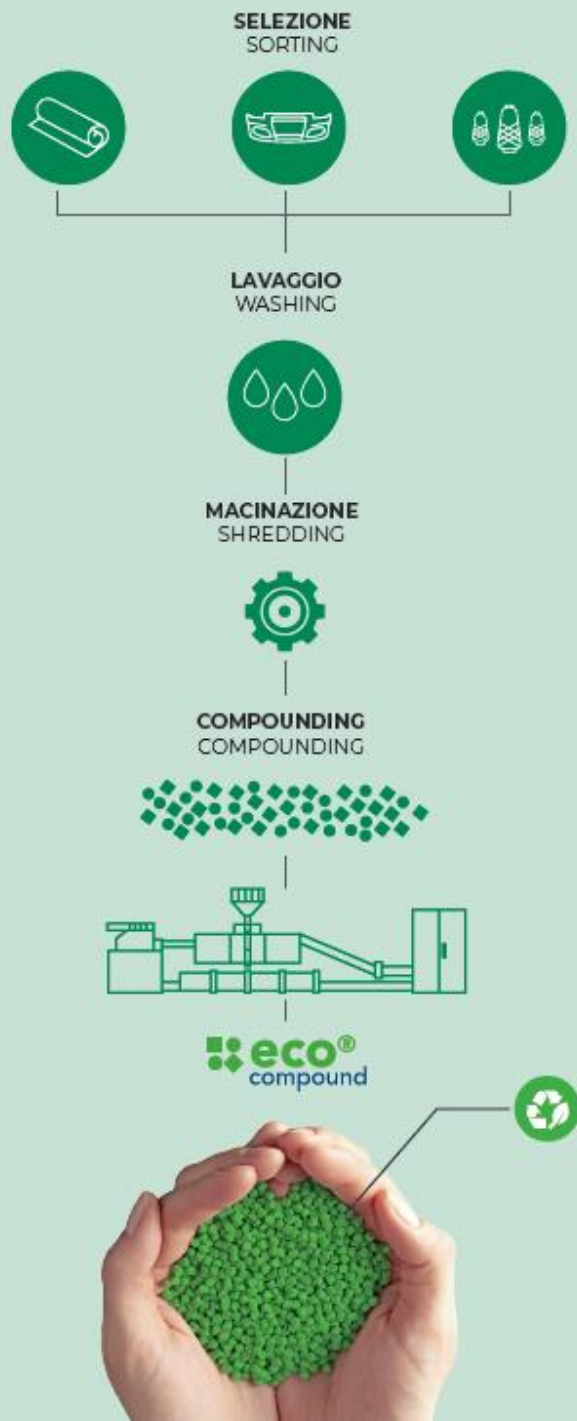
38.900 tons

*Definitions according to ISO 14021

Recycling

PCR ONGOING PROJECT





Compounding

CERTIFICATED PROCESS



9001:2015
QUALITÀ
QUALITY



14001:2015
AMBIENTE
ENVIRONMENT



28000:2007
SICUREZZA DELLA CATENA DI FORNITURA
SUPPLY CHAIN SECURITY

AUTHORIZED PROCESS



AUTORIZZAZIONE UNICA AMBIENTALE
AUTHORIZED RECYCLING PLANT

CERTIFICATED MATERIALS



Range of products

Production

 **compound**

From vergin material

 **eco**
compound

From recycled material

 **Polypropylene**

 **Polyamide**

 **ABS**

 **Polystyrene**

MEPLEN[®]

MEYTEL[®]

MEPLAC[®]

MEPRON[®]

ECO MEPLEN[®]

ECO MEYTEL[®]

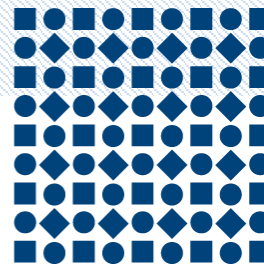
ECO MEPLAC[®]

ECO MEPRON[®]



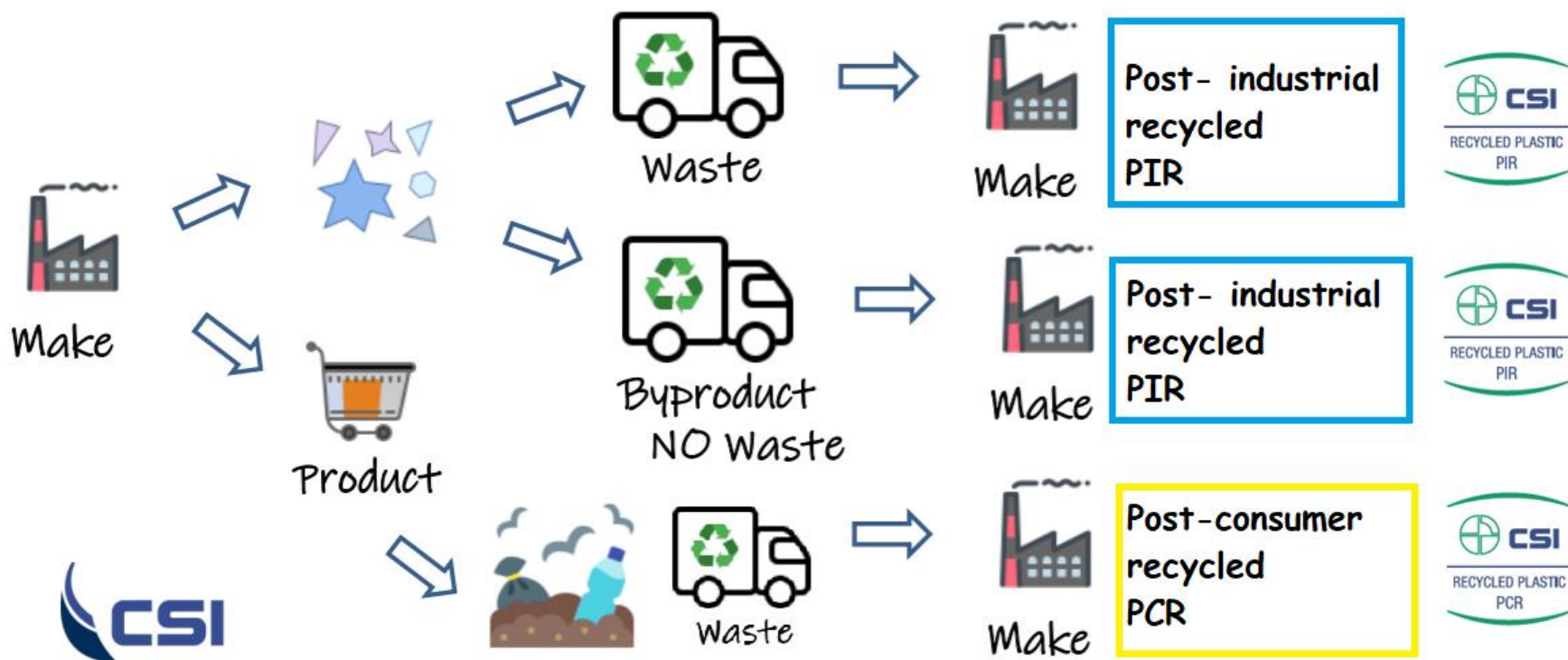
MEPOL

Polimeri & Compounds



Ecological high-value products.

The Eco range is made up of environmental-friendly materials, deserving the "CSICERT Recycled Plastic" eco-conformity mark.



R&D and QUALITY ASSURANCE

Mepol and I.T.I. Poland

BTP Ball pressure test

DSC

Differential Scanning Calorimetry

VCAT

Softening Temperature

HDT

Heat Deflection temperature

UL 94 Burning Test

Thermal / Flammability
properties

Density

Melt Flow Index

Durometer Shore A-D

Water Content

Muffle Furnace

Optical Microscopy

FT-IR Infrared Spectroscopy

XRF X-Ray Fluorescence
Spectroscopy

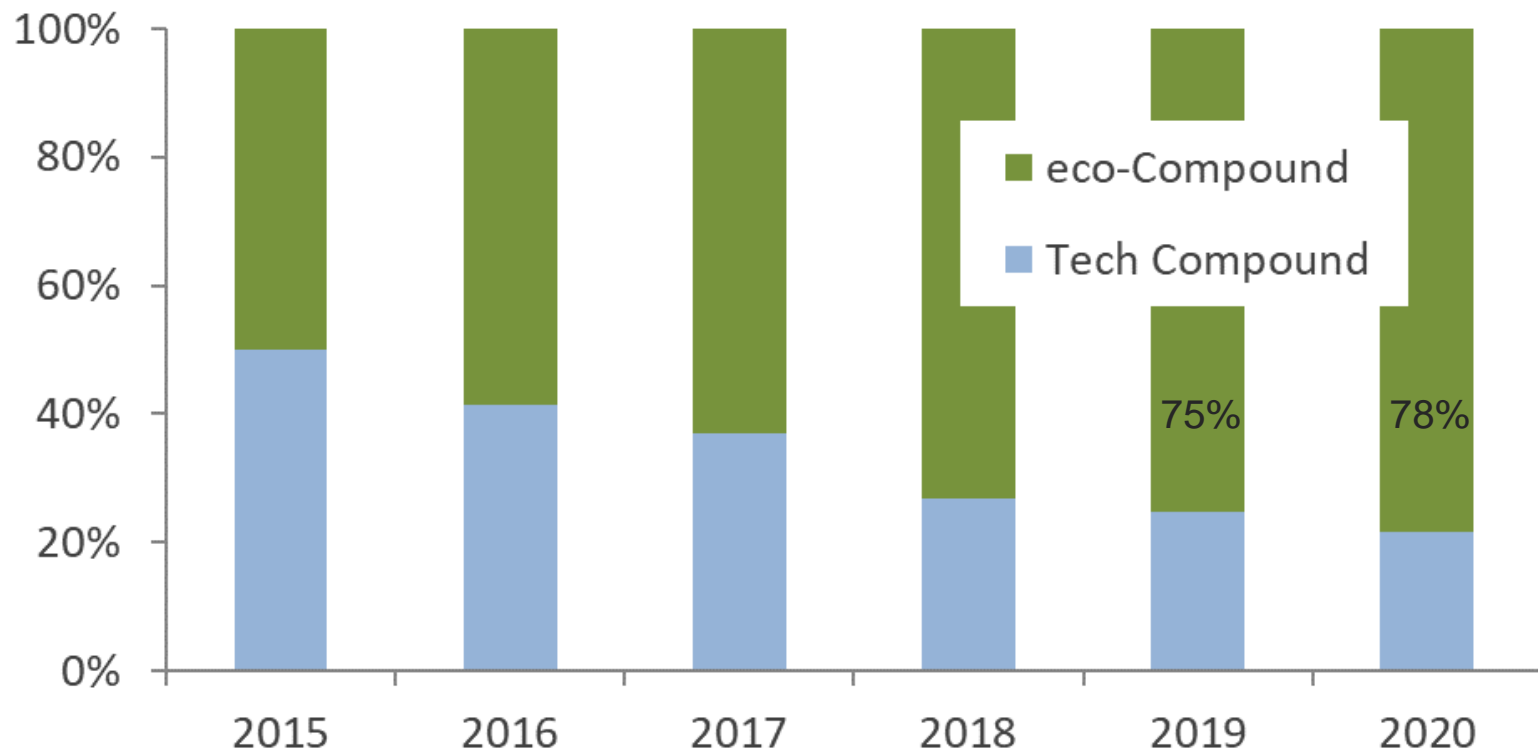
Physical properties

Dynamometer
(Flexural and Tensile properties)
Impact Resistance Test
(Izod, charpy)

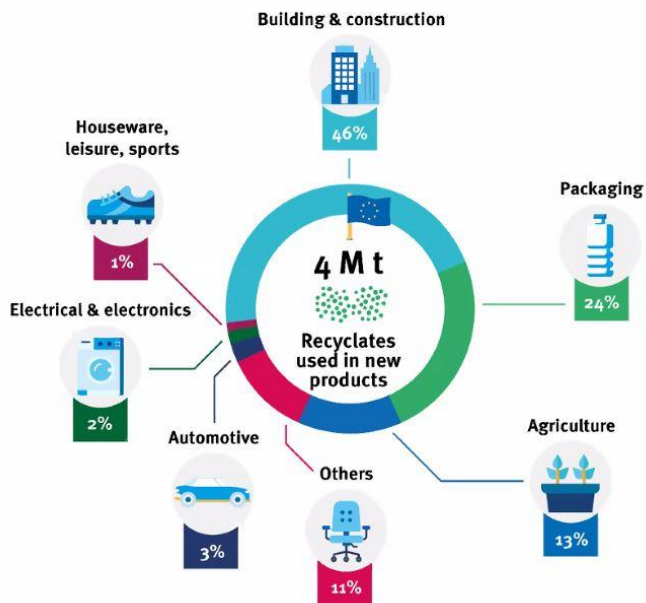
Mechanical
properties

MEPOL COMPOUNDS

PRODUCTION TREND MIX

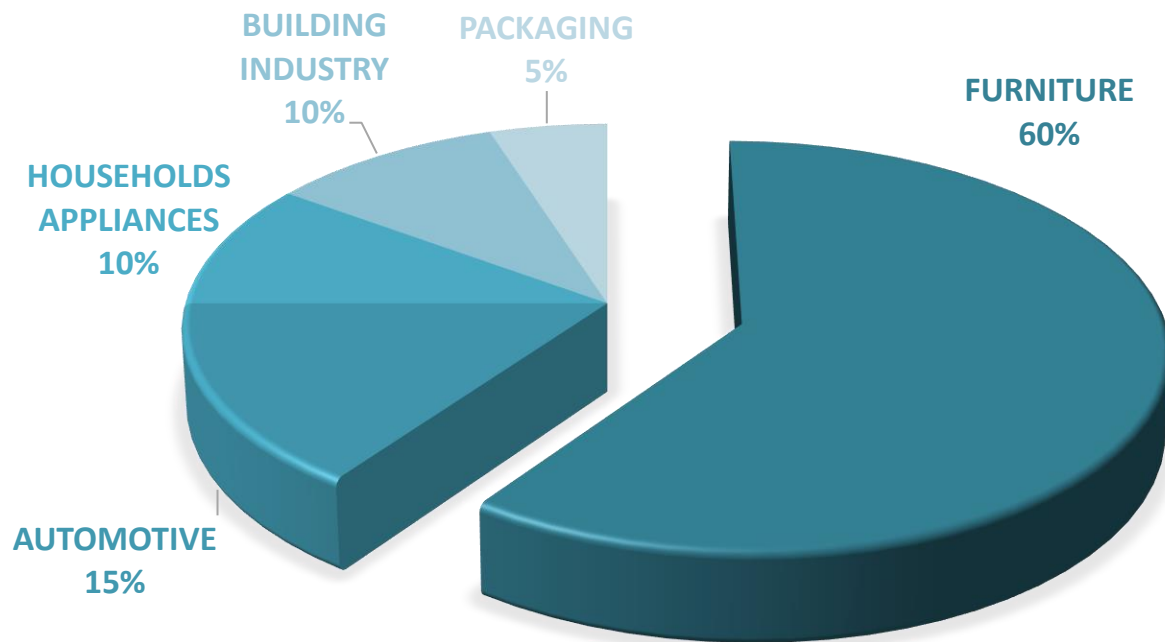


ECO COMPOUNDS APPLICATION BREAKDOWN



Source: Plastics Europe

WHERE ARE MEPOL'S ECO COMPOUNDS® USED?



ECO-COMPOUNDS® APPLICATIONS

SUSTAINABLE IDEAS NEED
SUSTAINABLE MATERIALS



BOKASHI ORGANKO

Kitchen composter for
100% natural fertilizer

ECO MEPLEN

Recycled polypropylene
compound

www.mepol.com



RECYCLED PLASTIC

min. 30% PCR

Licence RPP200100

COMMITMENT WITH PUBLIC INSTITUTIONS AND PROJECTS



Mepol joined CPA in 2019. The Circular Plastics Alliance is an initiative under the European Strategy for Plastics (2018), in particular under Annex III related to voluntary pledges by industry. The European Commission launched the Circular Plastics Alliance in December 2018 to help plastics value chains boost the EU market for recycled plastics to 10 M ton by 2025.

[CPA signatories list 2021 03 19.pdf](#)

Mepol is active member of Plastic Recyclers Europe. Latest project in which we are involved as technical contribution in the committee is BFRs in WEEE/ELV Recyclate. By joining PRE, we became a member of the most influential network of plastics recyclers in Europe.

www.plasticsrecyclers.eu

