

GIORNATA DELL'ECONOMIA

Cuneo, 27 maggio 2019



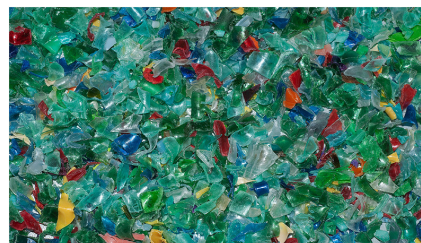
ENERGIA, CICLO PRODUTTIVO E DISTRIBUTIVO,
GESTIONE RIFIUTI: È POSSIBILE OGGI ESSERE
IMPRESA SOSTENIBILE?

DENTIS RECYCLING ITALY S.R.L.



Settore: **Industria**

Corrado DENTIS



DENTIS
Recycling
ITALY



CUNEO, 27 MAGGIO 2019



***Dentis Group:
the R-PET role in the plastic circular economy***

Corrado Dentis
Dentis Recycling Italy CEO

The Dentis Group today



Dentis Group Snapshot

€ Revenue in 2018 > 90 M€

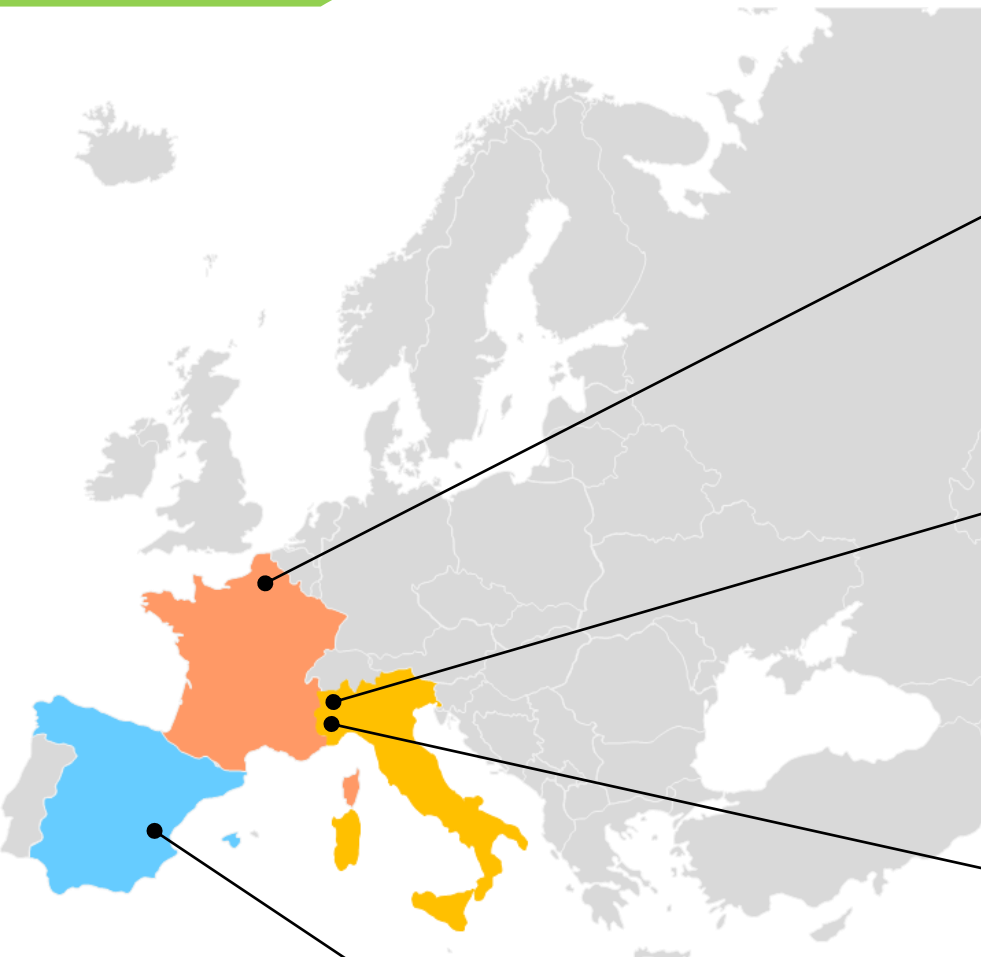
👤 More than 250 employees in four plants

🌍 Over 150 Kton/y PET bottles processed

ISO 14001 and 9001 certified



Where we are



NORD PAL PLAST

Nord Pal Plast - Lesquin (France)
PET Recycling Facility

DEMAP S.R.L.

Demap - Beinasco (Italy)
Plastic Sorting Centre

DENTIS
Recycling
ITALY

Dentis Recycling Italy - S. Albano Stura (Italy)
PET Recycling Facility
Group Head Office

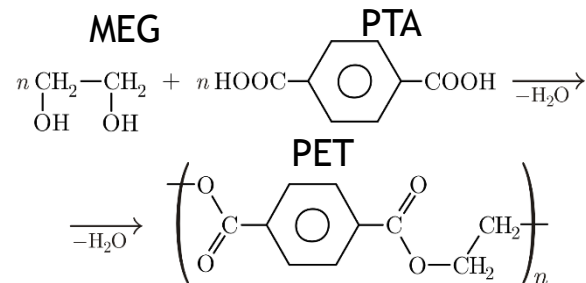
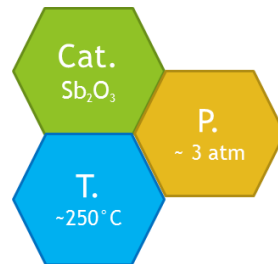
PET
COMPAÑÍA PARA SU RECICLADO S.A.

Pet Compañía Para su Reciclado
Chiva (Spain)
PET Recycling Facility

What is PET ?

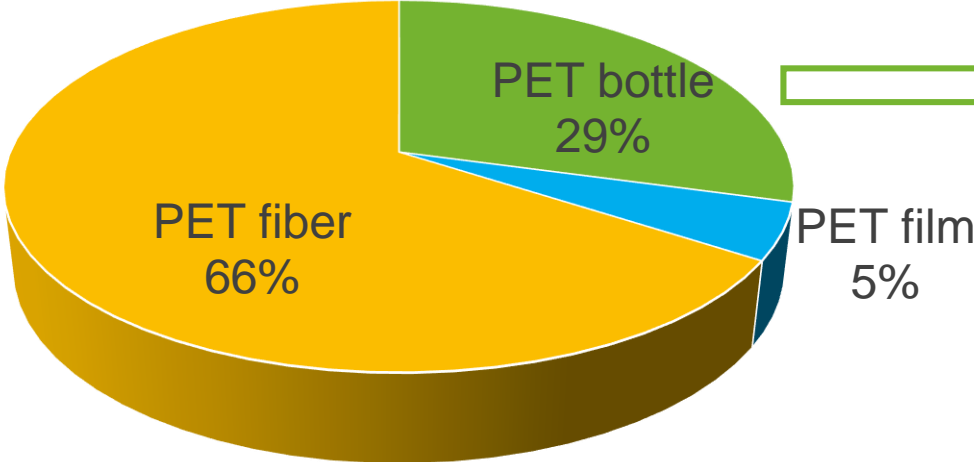


- PET is a plastic polymer produced from purified terephthalic acid (“PTA”) and monoethylene glycol (“MEG”)
- It’s used to manufacture plastic bottles and for other packaging applications for the beverage, food and personal care industries.
- PET key technical advantages: versatility, durability, heat resistance, light weight, cost-competitiveness and **100% recyclability**.



How much PET is used?

Annual PET worldwide demand
~ 84 MMton/y



**Annual world production > 20
MMTons
(bottle grade)!!!**



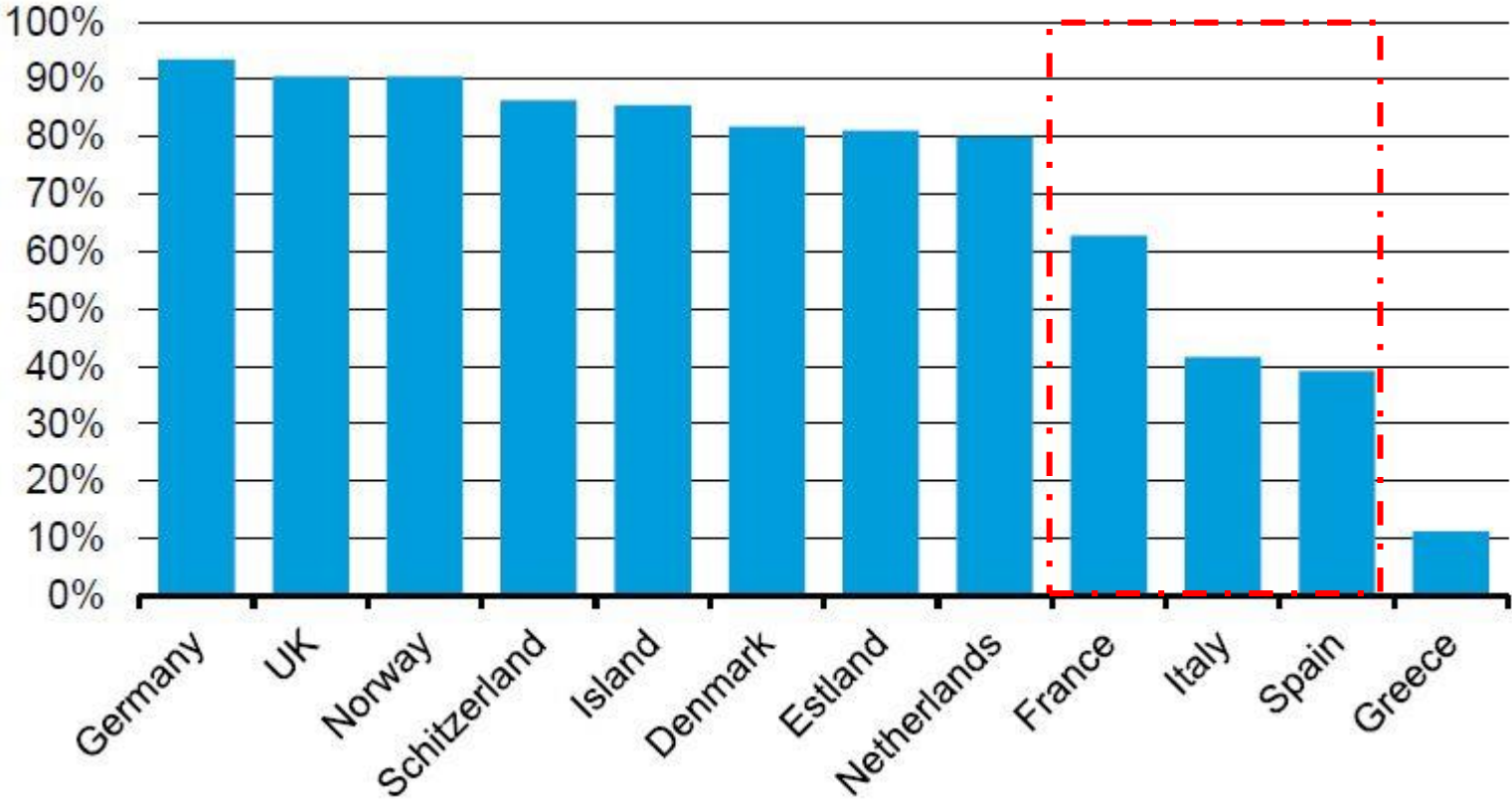
Great pyramid of Cheops = 7 Mton

Annual production of PET
bottle grade is equivalent to:



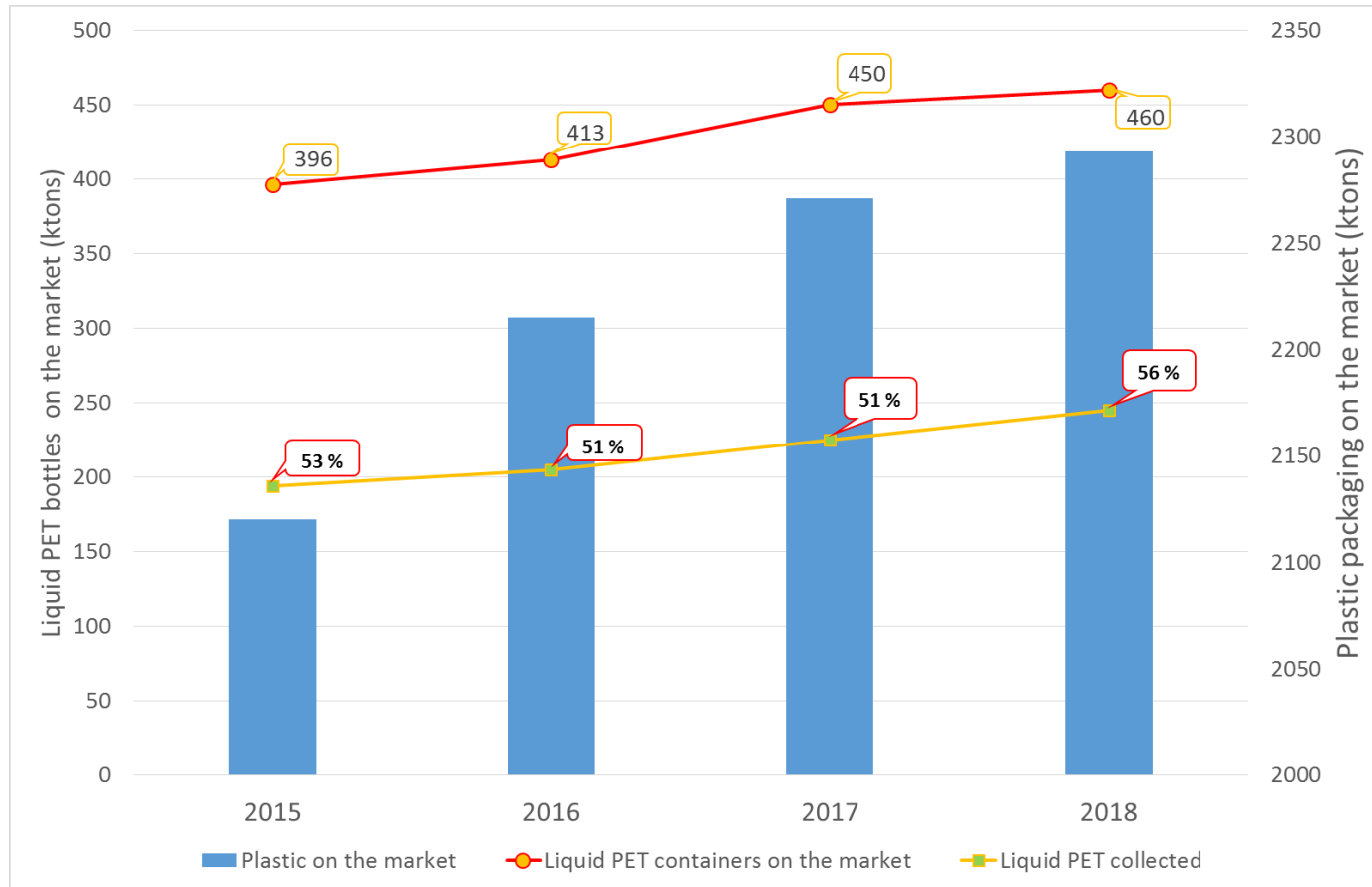
European Rates for PET bottle collection

Collection rates of PET bottles in 2016



SOURCE: PCI Wood Mackenzie (2017)

The PET market in Italy



In Italy one PET bottle out of two is collected

The New European Strategy for Plastics in a Circular Economy

The EU Vision

- ✓ Improve design and support innovation to make plastics and plastic products easier to recycle, pushing on the extended producer's responsibility.
- ✓ Expand and improve the separate collection of plastic waste, to ensure quality inputs to the recycling industry;
- ✓ Create viable markets for recycled and renewable plastics.

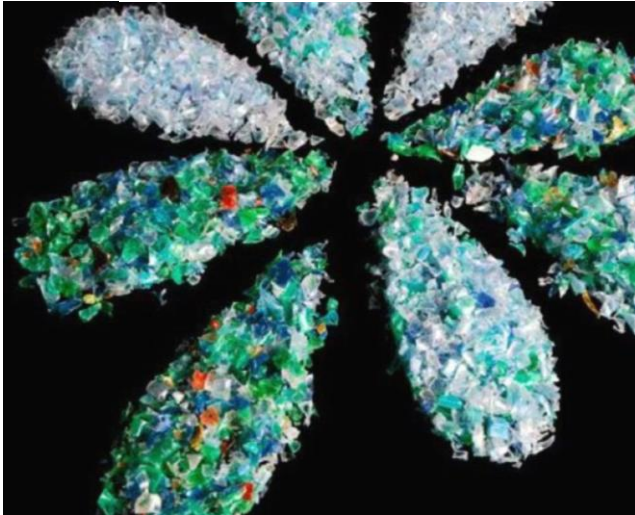
The EU target Goals



- ✓ **By 2025 -> 77% of PET bottles** placed on the market in Europe would be collected.
- ✓ **By 2025 -> 25% of recycled PET** in PET bottles.
- ✓ **By 2029 -> 90% of PET bottles** placed on the market in Europe would be collected.
- ✓ **By 2030 -> 55% of plastics waste** generated in Europe would be recycled.
- ✓ **By 2030 -> 30 % of recycled PET** in PET bottles.

PET recycling in Dentis Group

PETALO
PET RECYCLING

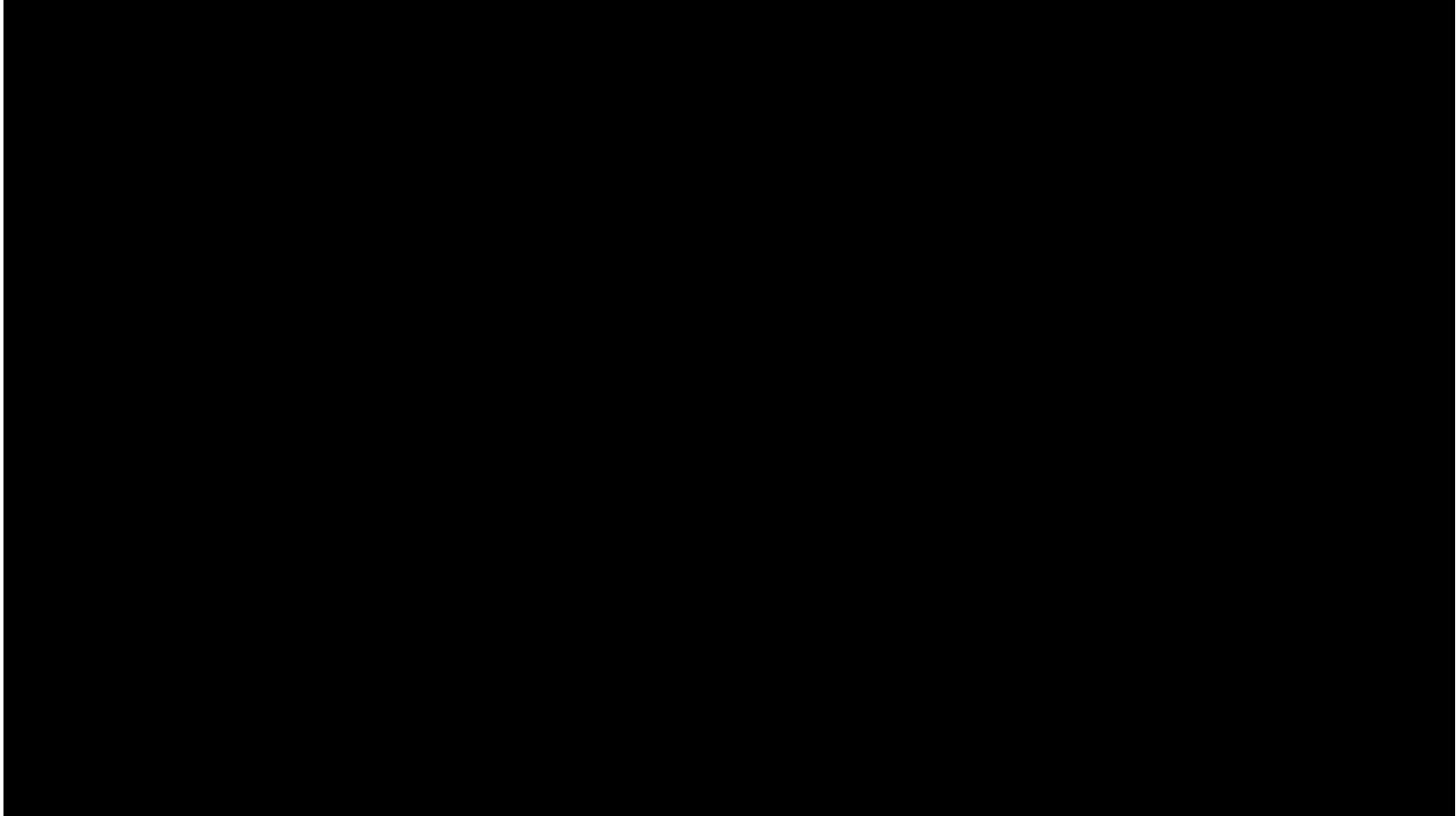


DENTIS
Recycling
ITALY



Dentis Recycling Italy

Video presentation



Dentis PET recycling process



PET Bales



Feeding



Pre-Washing



Automatic Sorting



Manual Sorting



Grinding



Washing

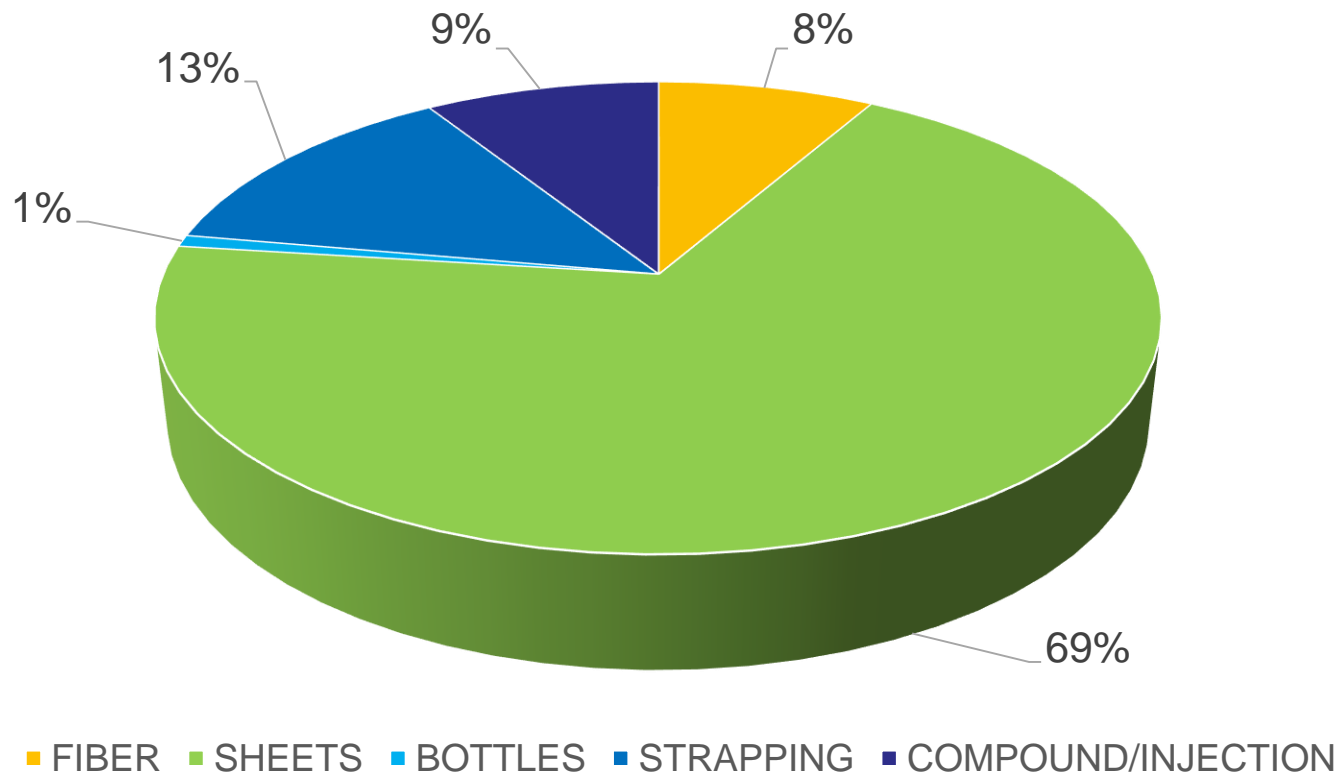


Separation



Packaging

Petalo R-PET application market



Source: Dentis Recycling Italy 2018 market report

Dentis Group in Key Words

- Dentis is a reliable partner due to high amount of volumes processed (> 150 000 ton/y bottles processed).
- Dentis is one of the main European player in the PET recycling market, with a strategic plant locations, allowing us to reduce logistic costs.
- Long term relationship with our customers.
- PETALO® is among the top highest quality products on the R-PET market and it is product leader for its low contaminant content and its crystallized structure.
- Continuous R&D activities and High qualified Quality Department to work in close cooperation with our partners to develop new R-PET applications.
- Established and recognized knowledge and expertise in selective waste packaging collections and packaging sorting.

Thanks for
the
attention!

***DENTS RECYCLING
ITALY***

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SU RECICLADO***

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