



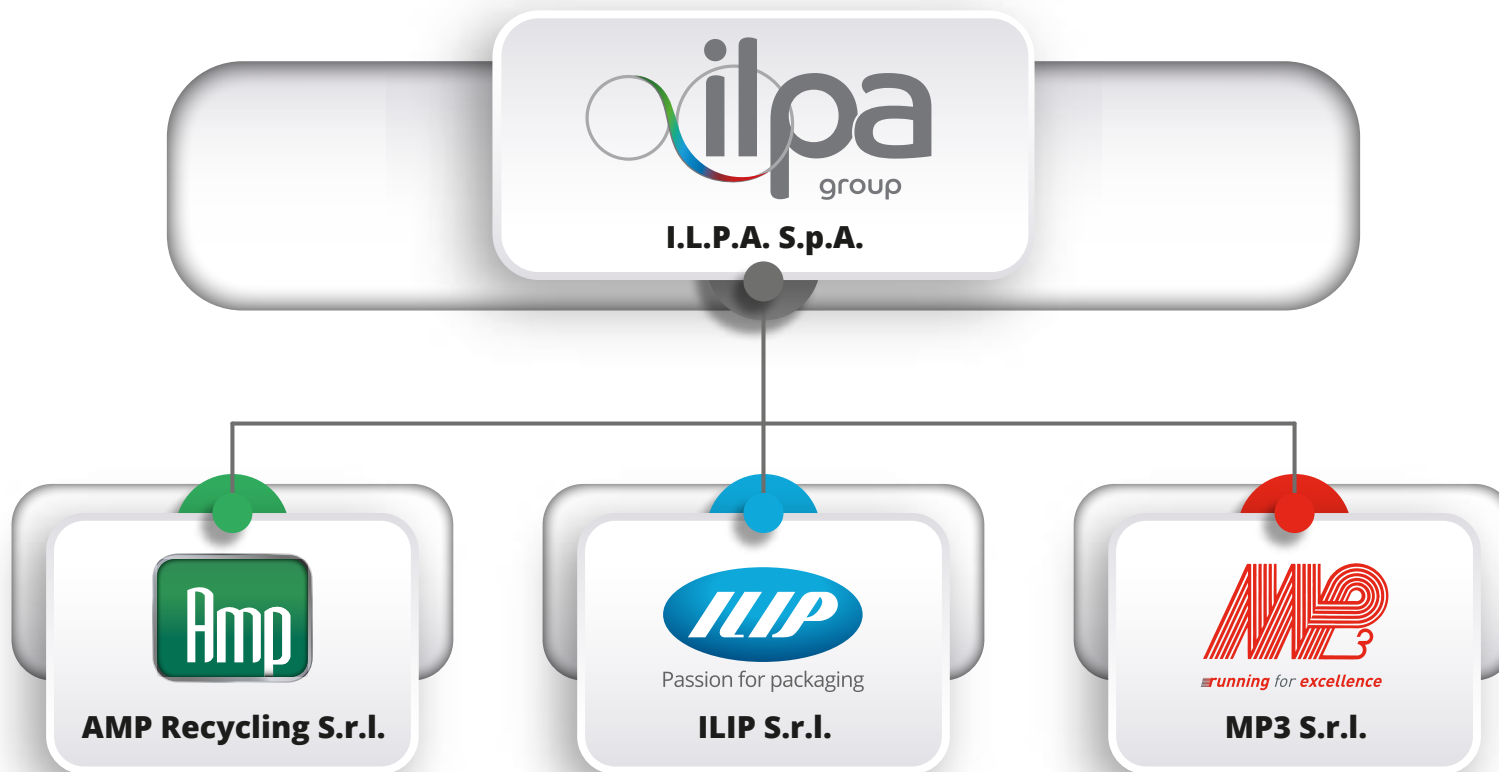
AMP Recycling

Company Profile

a business of ilpa
group

I.L.P.A. Group

THE STRUCTURE



I.L.P.A. Group

AT A GLANCE

Established 1962

I.L.P.A. Employees 2021 547

AMP Employees 2021 67

I.L.P.A. Turnover 2021 224 m €

AMP Turnover 2021 41 m €

Production plants I.L.P.A. 3 (2xBologna, 1xFerrara)

Markets served Retail chains, food processing industries, foodservice companies, caterers, horticultural packaging, automotive industry, plastic converters

Export 58 Countries (5 CONTINENTS)

B2B Customers approx. 4.000

I.L.P.A. Group *AT A GLANCE*



AMP S.r.l.

BUSINESS AREAS:

- PCW PET Recycling (PCR)
- R- PET films extrusion



I.L.P.A. Group

AT A GLANCE

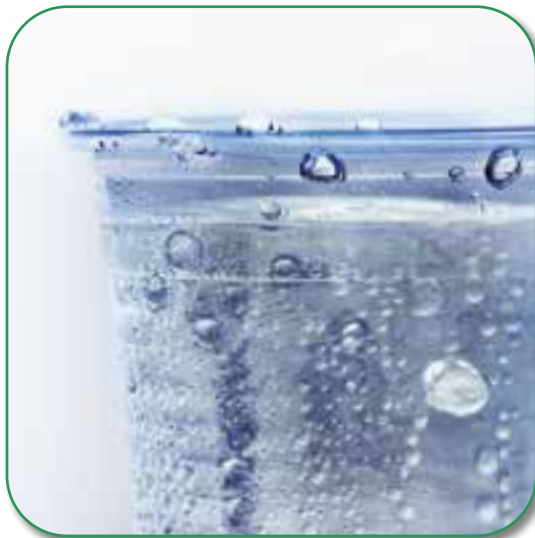
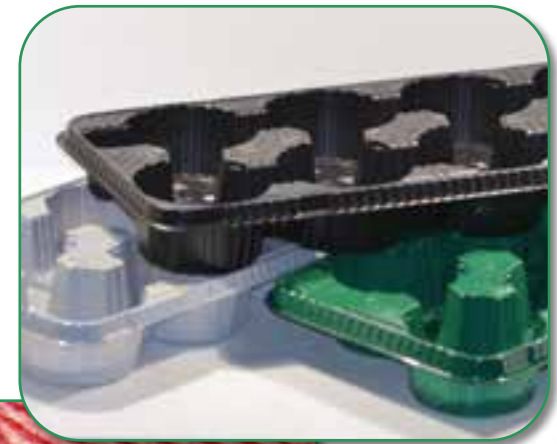


Passion for packaging

ILIP S.r.l.

BUSINESS AREAS:

- Foodservice Packaging
- Fresh Produce Packaging
- Fresh Food Packaging
- Horticultural Packaging



I.L.P.A. Group

AT A GLANCE



running for excellence

MP3 S.r.l.

BUSINESS AREAS:

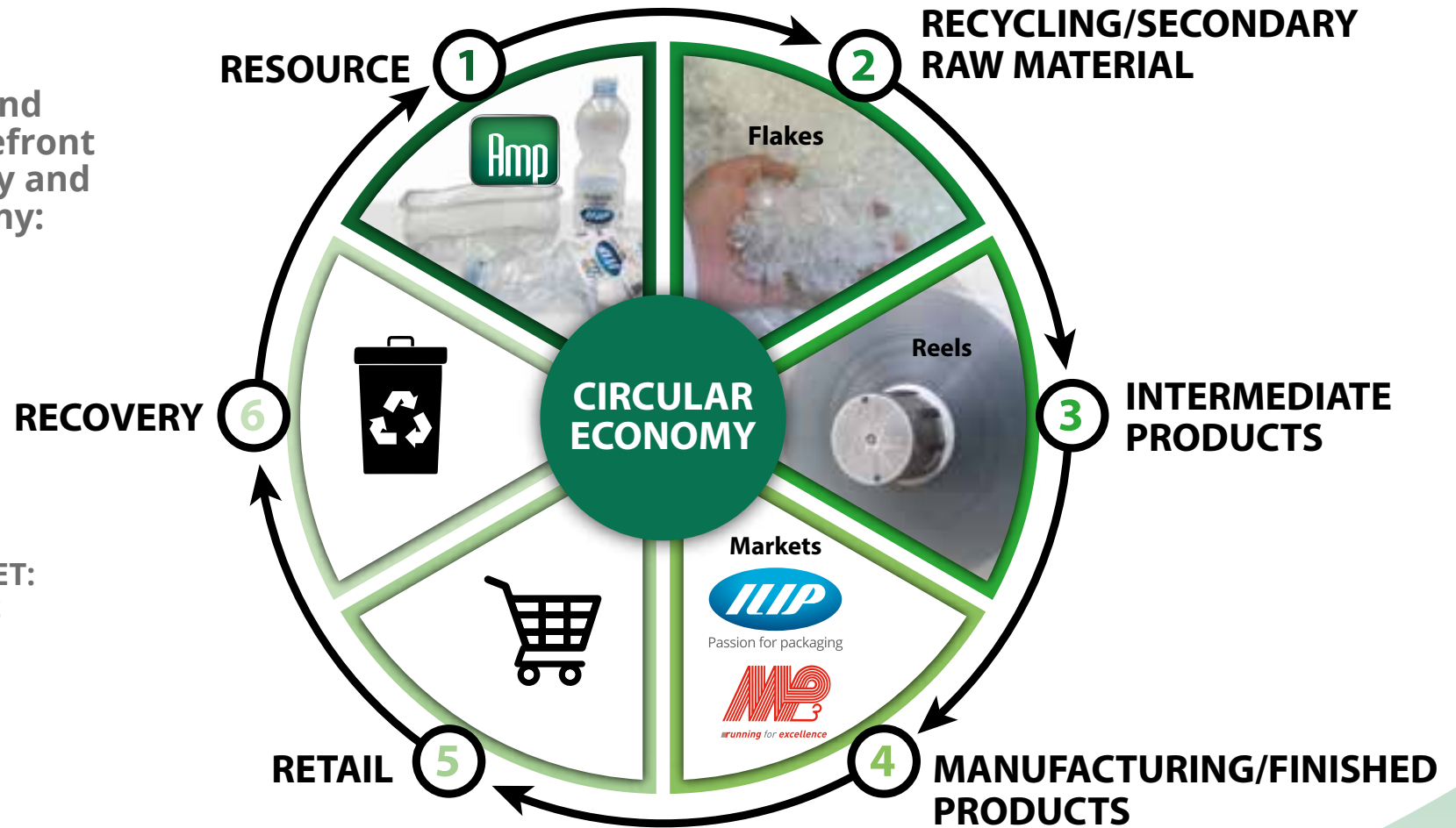
- Intermediate products
- Thermoformable and FF&S reels
- Cut Sheets



Sustainable development & CIRCULAR ECONOMY

I.L.P.A. Group and
AMP at the forefront
of sustainability and
circular economy:
the intra-group
CLOSED LOOP

The ILPA vertical
integration of r-PET:
a closed loop that
opens up to the
environment.



Sustainable development & CIRCULAR ECONOMY

PET RECYCLING

CLOSING THE LOOP WITH r-PET

ILPA Group is a concrete example of circular economy, the first European Group of companies to have vertically integrated its R-PET manufacturing process and supply chain, from postconsumer bottles to new food packaging solutions, or fibres, or non-food packaging, while ensuring the origin and traceability of the material.

At AMP we have installed a recycling capacity of about 60.000 tons/year of post-consumer PET, which is the average quantity of PET beverage and food packaging consumed and recovered in Italy in an area with about 12 mln inhabitants (Emilia-Romagna, Veneto and Tuscany). We obtain secondary raw materials, avoiding the need of a corresponding quantity of virgin PET.

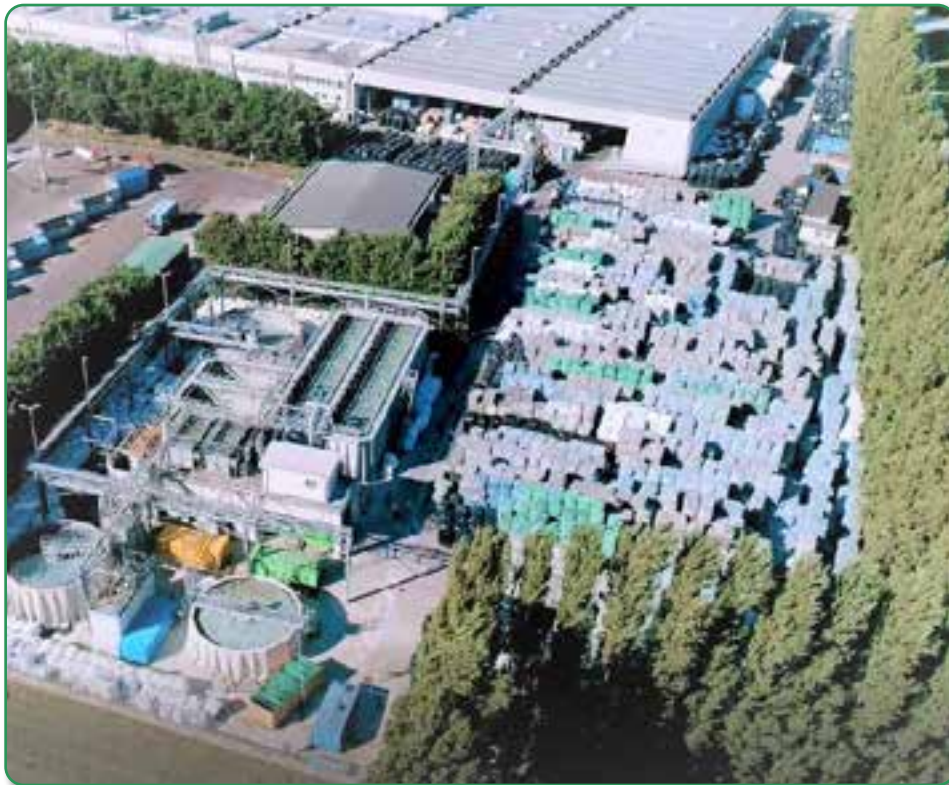


AMP and I.L.P.A. Group contribute concretely to virtuously solving the potential problem of plastic packaging waste and to the achievement of recycling targets in Italy and Europe, thus working to improve the environment of the communities in which operate.

AMP WHO WE ARE

The new plant of AMP Recycling was inaugurated in 2006
The new 22,000 m² factory on a 43,000 m² lot, enabled the rationalization of all the company's production activities,

by integrating its extrusion processes with a considerable plastic recycling plant dedicated to the recovery of post consumer PET bottles.



In 2012 I.L.P.A. S.p.A. acquired the company.

With this acquisition ILPA was the first European Group of companies to have vertically integrated its R-PET supply-chain, from postconsumer bottles to new food packaging solutions or other end products, thus directly ensuring the origin and traceability of the material.

Since then, over 20 million Euro have been invested in order to:

- Ramp up production-recycling capacity with the installation of another state-of-the-art recycling unit
- Improve overall plant efficiency and sustainability with a new water treatment system
- Produce food-grade R-PET flakes and reels thanks to the installation of a decontamination unit which received the positive scientific opinion from EFSA

AMP

WHAT WE DO

The total output of the two recycling lines of AMP is 40-45.000 tons per annum. But in the recycling business production capacity, output, is just one of the drivers to become segment leader. On top of that, quality is the critical driver that can discriminate leaders from followers.

The cutting-edge, modern, energy efficient installed equipments, include different bottles and flakes detector sets as well as laser sorting units.

AMP is a European recycling pole of excellence which converts PET bottles and trays waste into high-quality secondary raw materials to be supplied to the ILPA Group of Companies and to selected customers Europewide.

AMP plant is certified EuCertPlast and EuCertPlast Food and we carefully source post-consumer bottles and trays bales only from selected

suppliers in order to have overall quality and colour consistency in our products and to guarantee the highest safety level for our clients and for consumers.



AMP

THE PRODUCTION STEPS

SORTING

- A** Metal separation: ferrous and not ferrous
- B** Aeraulic separation for film
- C** Label remover
- D** Ballistic separation
- E** Polymers and colours detection (with laser sorting)
- F** Manual re-sorting



AMP

THE PRODUCTION STEPS

WASHING

- G** Grinders
- H** Hot washing
- I** Swim-sink procedure
- J** Drying
- K** Mixing silos
- L** De-dusting
- M** Coarse-grit separation
- N** Flakes sorting: metals; polymers; colours



AMP

THE PRODUCTION STEPS

PACKING EXTRUSION

O Flakes packaging

P Flakes extrusion



AMP

THE ADDED VALUE

- ✓ Qualification of suppliers
- ✓ Control of the feedstock supply
- ✓ Constant quality checks and internal lab tests
- ✓ Quality of the input stream
- ✓ Control of the contaminant
- ✓ Continuity and consistency of supply
- ✓ High quality R-PET flakes
- ✓ EuCertPlast + EuCertPlast food certifications
- ✓ Control over the “superclean process” for direct food contact: EFSA approved 100% R-PET



AMP PRODUCTS

PCR FLAKES FROM BOTTLES

- Light-blue Food grade for direct food contact
- Light blue*
- Mixed clear/light-blue*
- Clear*
- Mixed colors*
- Green*

R-PET PELLET FOOD GRADE

- Light blue pellet for direct food contact

PCR FLAKES FROM TRAYS

- T2T R-PET®

REELS

With our state-of-the-art extrusion lines we can produce reels according to customer needs and technical specifications with different content of PCR.

** available food compliance grade suitable for decontamination*

GREEN



LIGHT BLUE



MIXED CLEAR/LIGHT BLUE



MIXED COLORS



LIGHT BLUE



FOOD GRADE FOR DIRECT FOOD CONTACT

T2T R-PET®



CLEAR



PELLET FOOD GRADE
LIGHT BLUE



AMP APPLICATIONS

- R-PET food grade flakes and reels for food packaging
- R-PET A-B-A reels for food packaging
- T2T R-PET flakes from trays recycling for A-B-A reels for food packaging
- R-PET flakes and reels for non-food packaging
- Fibres
- R-PET for strapping bands
- R-PET for compounding
- R-PET for insulation



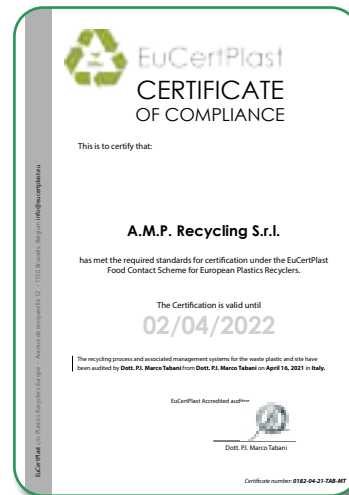
AMP

QUALITY AND CERTIFICATIONS

AMP guarantees the highest and strictest quality standards in compliance to the EU legislation and specifically to Reg. (EC) No282/2008 and also holds the EuCertPlast + Eucertplast Food certifications, based on the European Standard EN 15343:2007 which specifies the procedures needed for the traceability of recycled plastics, that aims to recognize recyclers operating according to high standards and implementing best recycling and trading practices in order also to allow recyclers to fulfill REACH requirements and food contact compliance.

AMP is also certified according to ISO 9001:2015 (Quality Management System Standard) and to ISO 14001:2015 (Environmental Management System standard) and holds the authorization from Emilia-Romagna Region (A.U.A.: Autorizzazione Unica Ambientale) for Plastic Materials Processing.

AMP holds a positive EFSA scientific opinion on the safety assessment of the process “ILPA”, based on Starlinger Decon technology (EU register N° RECYC105) and can produce food grade R-PET for direct food contact.



Thank you



a business of  **ilpa**
group

AMP Recycling S.r.l.

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