



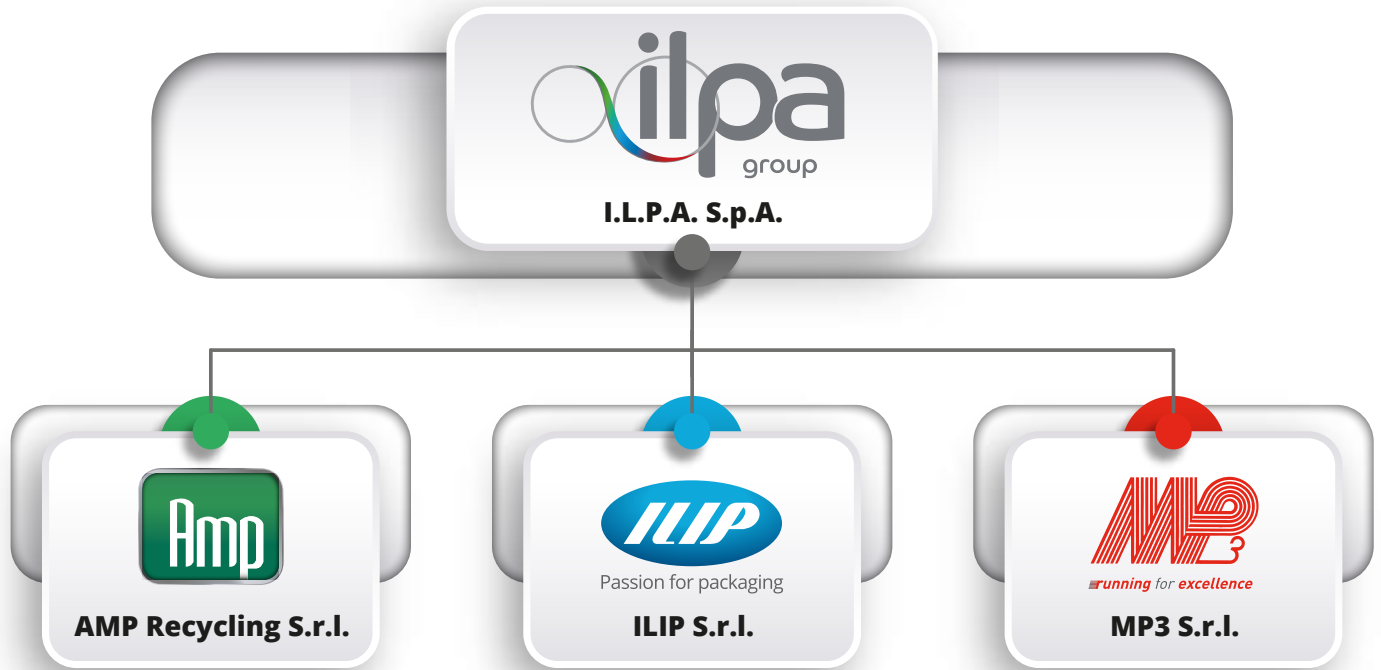
AMP Recycling

Company Profile

a business of ilpa
group

I.L.P.A. Group

THE STRUCTURE



BUSINESS AREAS:

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

BUSINESS AREAS:

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

Established

1962

I.L.P.A. Employees 2025

570

I.L.P.A. Turnover 2025

220 Mio €

Production Plants

3 (2xBologna, 1xFerrara)

Export

58 Countries (5 CONTINENTS)

B2B Clients

Approx. 4.000

I.L.P.A. Group

AMP RECYCLING



AMP S.r.l.

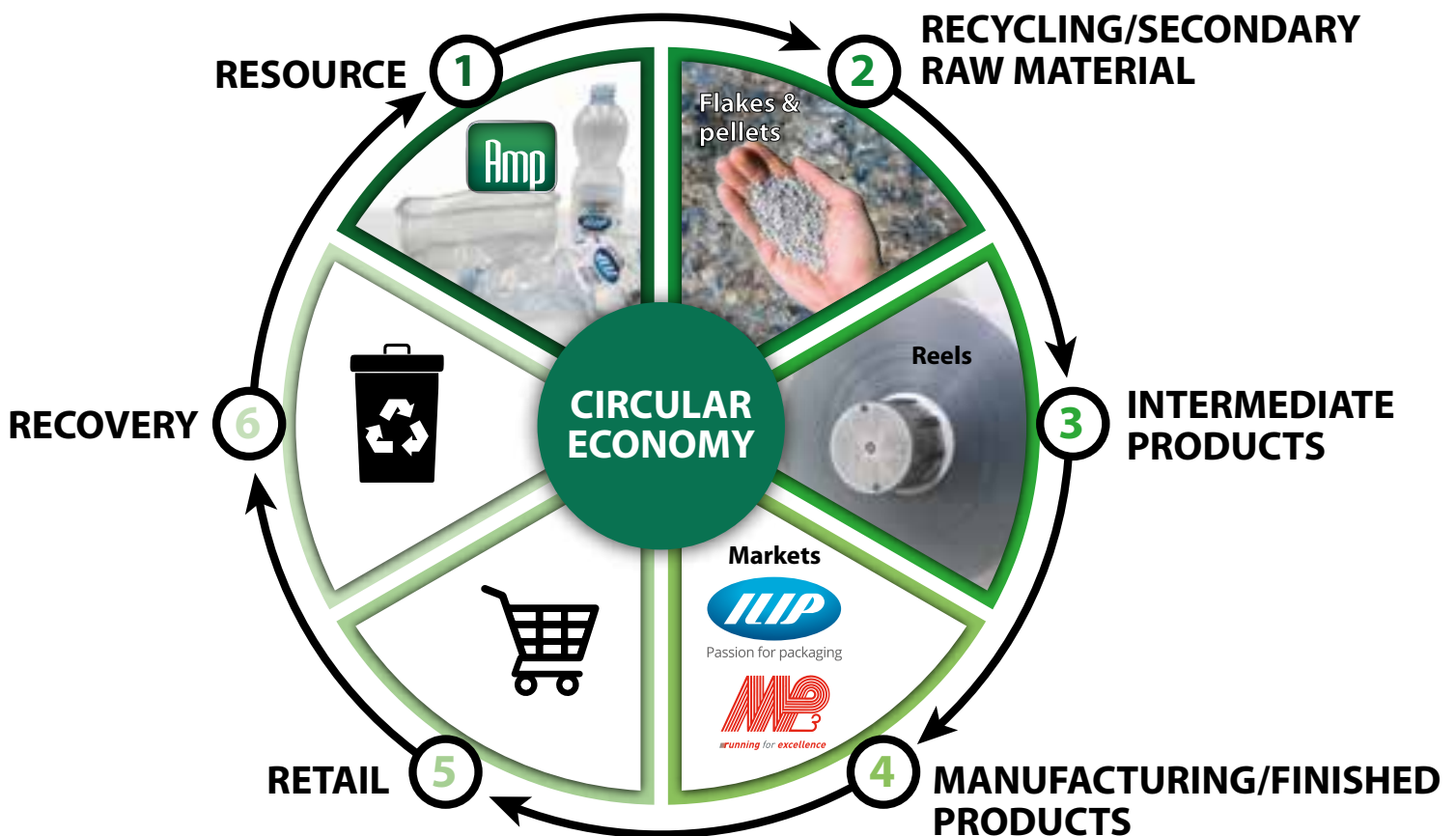
BUSINESS AREAS:

- PCW PET Recycling (PCR)
- R-PET pellet extrusion
- R-PET film extrusion



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.

At AMP, we have installed a recycling capacity of about 60.000 tons of post-consumer PET per year, which is the average amount of PET beverage and food packaging consumed and recovered in Italy in an area of approximately 12 million inhabitants

(e.g., Emilia-Romagna, Veneto, and Tuscany). We obtain secondary raw material, thus avoiding the use of the same amount of virgin PET.

AMP and I.L.P.A. Group are making a concrete and positive contribution to solving the potential problem of plastic packaging waste and achieving recycling targets in Italy and Europe, thus working to improve the environment of the communities in which they operate.



AMP

WHO WE ARE

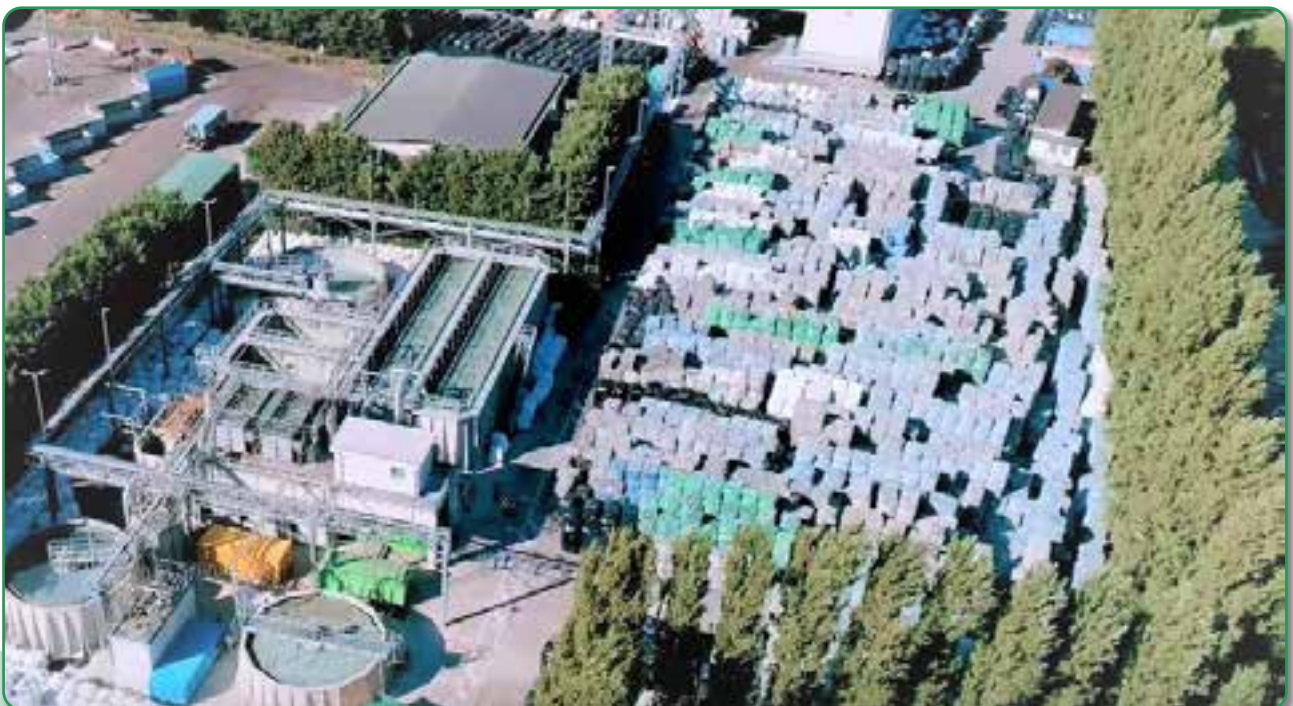
The new AMP Recycling plant of 22,000m² on a total surface area of 43,000m², inaugurated in 2006, has allowed the rationalization of all production operations, integrating the extrusion lines with a large plastic recycling plant dedicated to recovering post-consumer PET bottles.

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

With this acquisition, ILPA became the first European group of companies to vertically integrate the r-PET supply chain, from post-consumer bottles and trays to new packaging solutions for food or other finished products, directly ensuring the origin and traceability of the material.

Since then, more than €35 million has been invested to:

- Ramp up production and recycling capacity with the installation of another state-of-the-art recycling line
- Increase the plant's overall efficiency and sustainability with a new water treatment system
- Produce food-grade r-PET flakes and reels thanks to the installation of a decontamination system that has received a positive scientific opinion from EFSA
- Produce food-grade r-PET pellets thanks to the installation of a decontamination system with LSP technology for bottle-to-bottle and tray-to-tray applications.



AMP

WHAT WE DO

The total output of AMP's two recycling lines is 40-45,000 tons per year. But in the recycling industry, production capacity is just one of the key elements for becoming a leader. Furthermore, quality is the other critical element that can distinguish between leaders and followers. AMP's modern, cutting-edge, and energy-efficient production systems also include several sets of bottles and flakes detectors, as well as laser sorting units.

AMP is a European recycling center of excellence, converting waste PET bottles and trays into high-quality secondary raw materials that it supplies to the ILPA Group companies and to selected European customers.

AMP products are Recyclclass certified and bales of post-consumer bottles and trays are carefully sourced only from selected European suppliers, to ensure consistency and uniformity in overall quality and color, as well as to guarantee the highest levels of safety for customers and consumers.



AMP

THE PRODUCTION STEPS

SORTING

- A** Metal separation: ferrous and non-ferrous
- B** Aeraulic separation for film
- C** Label remover
- D** Ballistic separation
- E** Polymers and colors detection (with laser sorting)
- F** Manual re-sorting

A



E



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; colors



AMP

THE PRODUCTION STEPS

SHEET EXTRUSION

O Flakes packaging

P Sheet extrusion

O



P



AMP

THE PRODUCTION STEPS

PELLET EXTRUSION

- O** Flakes packaging
- P** Feeding silos
- Q** Dosing system
- R** Crystallization
- S** Extrusion

- T** LSP Reactor
- U** Die-face cutting
- V** Hot screening unit
- W** AA removal system
- X** Cooling silo



AMP PRODUCTS

FLAKES FROM POST-CONSUMER PET BOTTLES

- Light-blue
- Clear
- Clear/Light-blue blends
- Mixed Colors
- White



LIGHT BLUE



CLEAR

R-PET PELLETS FOOD GRADE BTB

- Light-blue pellets for direct food contact
- Clear pellets for direct food contact



MIXED
COLORS

R-PET PELLETS FIBER GRADE

- Fiber-grade pellets



T2T R-PET®

FLAKES AND PELLETS E FROM POST-CONSUMER TRAYS

- T2T R-PET® FLAKES
- T2T R-PET® PELLETS



LIGHT-BLUE
R-PET
PELLETS



T2T
R-PET
PELLETS

AMP APPLICATIONS

- R-PET food grade pellets for Bottle-To-Bottle applications
- T2T R-PET food grade pellets for food packaging*
- R-PET flakes e reels food grade 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

* *Also used internally in AMP's production lines*



AMP

THE ADDED VALUE

- ✓ Qualification of suppliers
- ✓ Control of the feedstock supply
- ✓ Constant quality checks and internal laboratory tests
- ✓ Quality of the input stream
- ✓ Control of contaminants
- ✓ Continuity and consistency of supplies
- ✓ High quality r-PET flakes
- ✓ Recyclclass certificated products
- ✓ Control over the “super-clean process” for direct food contact: EFSA approved 100% r-PET
- ✓ R-PET



AMP

QUALITY AND CERTIFICATIONS

AMP guarantees the highest and most stringent quality standards in compliance with relevant EU legislation and specifically with Regulation (EC) No. 1616/2022. Furthermore, it holds the Recyclass certification (General, Module A1 - Food Contact Pre-Processing, Module A2 - Food contact decontamination), based on the European standard EN 15343:2007 which specifies the procedures needed for the traceability of recycled plastics. The aim of this standard is to recognize recyclers who operate according to high standards and implement best recycling and trading practices, also in order to enable recyclers to comply with REACH requirements and food contact compliance.

AMP is also certified according to ISO 9001:2015 (Quality Management System Standard), ISO 14001:2015 (Environmental Management System Standard), and ISO 22000:2018 (Food Safety Management Systems), and holds the Emilia-Romagna Region authorization (A.U.A.: Single Environmental Authorization) for the processing of plastic waste.

AMP has also obtained an authorization number from the European Commission for the safety assessment of the "ILPA" process, based on Starlinger technology, and can produce food-grade r-PET flakes for direct food contact. Furthermore, starting from the second half of 2025, AMP has the European Commission authorization for the NGR LSP1 plant, a decontamination and granulation plant capable of producing up to 3 tons/h of food-grade r-PET granules for direct food contact.

RecyClass
RECYCLING PROCESS CERTIFICATE

Name of the recycler: **A.M.P. Recycling S.r.l.**
Address: Via Finzi 9 - 44024 Ferrara
Country: Italy
Registration office address: Via Castelfranco 52 - 40053 Valsamoggia
Country: Italy

The audited recycling process and associated management systems have met the requirements of the Process Audit Scheme (Version 1), in line with EN 15343:2007 and has the required procedures to ensure the traceability of recycled plastics produced listed in the annex of this certificate. **Certification compliant with EN 15343:2007.**

Certification modules:
 General requirements - Level 1
 General requirements - Level 2
 Module A1: Food Contact Pre-Processing**
 Module A2: Food contact decontamination**
 Module B: Cosmetics and household applications
 Module C: Corporate Social Responsibility
 Module D: PVC requirements
Type of audit: Monitoring audit
Initial certificate issue date: 15/04/2025
Chain of Custody model: Segregation
Traceability level: Level 1

Process overview: Sorting, Shredding, Washing, Hot Washing, Drying, Decontamination, Extrusion
Input: Plastic waste: PET - Bales
Type and source of waste: Bottles & trays - Households, Commercial
Recycled Output: PET - Flakes, Pellets
Pre-processed waste outputs: PET Flakes, PO regrant, Labels, Fe metals

Audit Report and Certificate Code: RP23-AMP-04-25-024-RT
Date of the on-site audit: 06/10/2025
Date of issue of certificate: 15/03/2025
Period of validity: 15/04/2025 - 14/04/2027

CERTIFIED BY:
Mr. Carlo Bassi
Certifying Assessment BU -
CSI S.p.A.
Cascina Torreggata, 25
20030 - Sangero (MI), Italy

RECYCLASS

DNV
CERTIFICATO DI SISTEMA DI GESTIONE

Certificato n. 100000040-REC-ACC02024-ITA Data Prima Cessione: 28 novembre 2018 VALIDITÀ: 28 novembre 2025 - 24 novembre 2027

Si certifica che il sistema di gestione di **A.M.P. RECYCLING S.r.l.**
Via Giovanni Finzi, 11 - 44124 Ferrara (FE) - Italia

È conforme allo Standard: **ISO 14001:2015**

Questa certificazione è valida per il seguente campo applicativo:
Produzione di bobine in plastica da materia prima vergine e riciclata di scaglio (ottenuta da recupero di materiale plastico tramite selezione, lavaggio e macinazione) e produzione di granulo di biopolimeri (PLA e Mater B) e RPET destinati al contatto alimentare; produzione di contenitori RPET termofornati attraverso processi di foglia e termoformatura di materie plastiche (IAF: 14_24)
Validato secondo le prescrizioni del Regolamento Tecnico RT-09

Luogo e Data: **Viale Unità (MI), 19 novembre 2024**

Per l'Organismo di Certificazione: **DNV Business Assessment**
Via Smeralda, 76 - 20139 Milano (MI), Italia

ISO 14001

ISO 22000

A.M.P. RECYCLING SRL
Via CASTELFRANCO 52 - 40053 VALSAMOGGIA (BO) - Italy
Sede oggetto di Certificazione:
Via Giovanni Finzi - 44124 FERRARA (FE) - Italy

Bureau Veritas Italia S.p.A. certifica che il sistema di gestione dell'organizzazione sopra indicato è stato valutato e giudicato conforme ai requisiti della norma di seguito:

ISO 22000:2018
Campo di applicazione:
Produzione di bobine in plastica da materia prima vergine e riciclata (ottenuta da recupero di materiale plastico tramite selezione, lavaggio e macinazione) e produzione di granulo di biopolimeri (PLA e Mater B) e RPET destinati al contatto alimentare; produzione di contenitori RPET termofornati attraverso processi di foglia e termoformatura di materie plastiche destinati al contatto alimentare.

DATA DELLA CERTIFICAZIONE ORIGINALE: CAT: KI 10
Data di scadenza precedente ciclo di certificazione: NA 12
Data dell'attuale certificazione / rinnovo: 12
Data d'inizio del presente ciclo di certificazione: 10
Soggetto al continuo e soddisfacente mantenimento del sistema di gestione questo certificato è valido fino al: 09

Certificato Numero: IT338993 Versione: 1 Data di emissione: 09/11/2024

Indirizzo dell'organismo di certificazione:
Bureau Veritas Italia S.p.A., Viale Abruzzi, 347 - 20126 Milano, Italia

Ulteriori informazioni sul campo di applicazione di questo certificato e sui requisiti applicati della norma del sistema di gestione possono essere consultati all'organizzazione.
Per controllare la validità di questo certificato fare doppio click sul QR Code o scansionarlo con apposite app.

Luogo e Data: **Viale Unità (MI), 19 dicembre 2024**

Per l'Organismo di Certificazione: **DNV - Business Assessment**
Via Smeralda, 76 - 20139 Milano (MI), Italia

ISO 900

DNV
CERTIFICATO DI SISTEMA DI GESTIONE

Certificato n. 100000040-ITA-ACC02024 Data Prima Cessione: 28 novembre 2018 VALIDITÀ: 28 novembre 2024 - 28 dicembre 2027

Si certifica che il sistema di gestione di **A.M.P. RECYCLING S.r.l.**
Via Giovanni Finzi, 11 - 44124 Ferrara (FE) - Italia

È conforme allo Standard: **ISO 9001:2015**

Questa certificazione è valida per il seguente campo applicativo:
Produzione di bobine in plastica da materia prima vergine e riciclata di scaglio RPET (ottenuta da recupero di materiale plastico tramite selezione, lavaggio e macinazione); produzione di granulo di biopolimeri (PLA e Mater B) e RPET destinati al contatto alimentare; produzione di contenitori RPET termofornati attraverso processi di estrusione di foglia e termoformatura di materie plastiche (IAF: 14_24)

Luogo e Data: **Viale Unità (MI), 19 dicembre 2024**

Per l'Organismo di Certificazione: **DNV - Business Assessment**
Via Smeralda, 76 - 20139 Milano (MI), Italia

Thank you



a business of ilpa
group

AMP Recycling S.r.l.

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