



# ADVANCE PLASTIC CHIPS MANUFACTURING LLC

(Versatile Plastic recycler)

Ras Al Khaimah, UAE

# Mission & Vision Statement

**MISSION:** To promote sustainability and less carbon footprint by promoting recycling of plastic waste and substituting it for virgin plastic. **"Greener shall be the world, more we leave behind for generations to come".**

**VISION:** To become a promising name and reliable brand in Recycling industry and expand into final goods production. APCM will strive for superior performance, and the market standards of trading & manufacturing practice, safety and social responsibility.



# Company Overview

APCM LLC was established with the vision of **providing industry-leading recycled plastic products with uncompromised quality and sustainability**. With advanced processes and stringent quality control systems, APCM has consistently nurtured the recycling industry while serving key downstream sectors such as **construction, furniture, automotive, retail, and consumer goods**.

Founded during the COVID-19 period in March 2021, the company's **state-of-the-art recycling facility spans 29,700 square meters** in Ras Al Khaimah, UAE, with an annual processing capacity of **16,200 tons** of PCR & PIR.

APCM manufactures and supplies **Recycled plastic granules** of PE (LLDPE, LDPE, HDPE BLOW, PE100 / PE 80) and PP, catering to clients across **India, China, GCC countries, the United States, Saudi Arabia, and Australia**. The company's operations focus on **recycling quality, consistency, and customization**, ensuring that the recycled granules meet each client's specific requirements for colour, MFI, and application.





## Award & Recognition

MEWAR AWARDS-2021

MEWAR AWARDS- 2025

Polynext Award Conference-2025

Plastic Recycling show Middle East & Africa (PRS ME&A)- 2024

Plastic Recycling show Middle East & Africa (PRS ME&A)- 2025

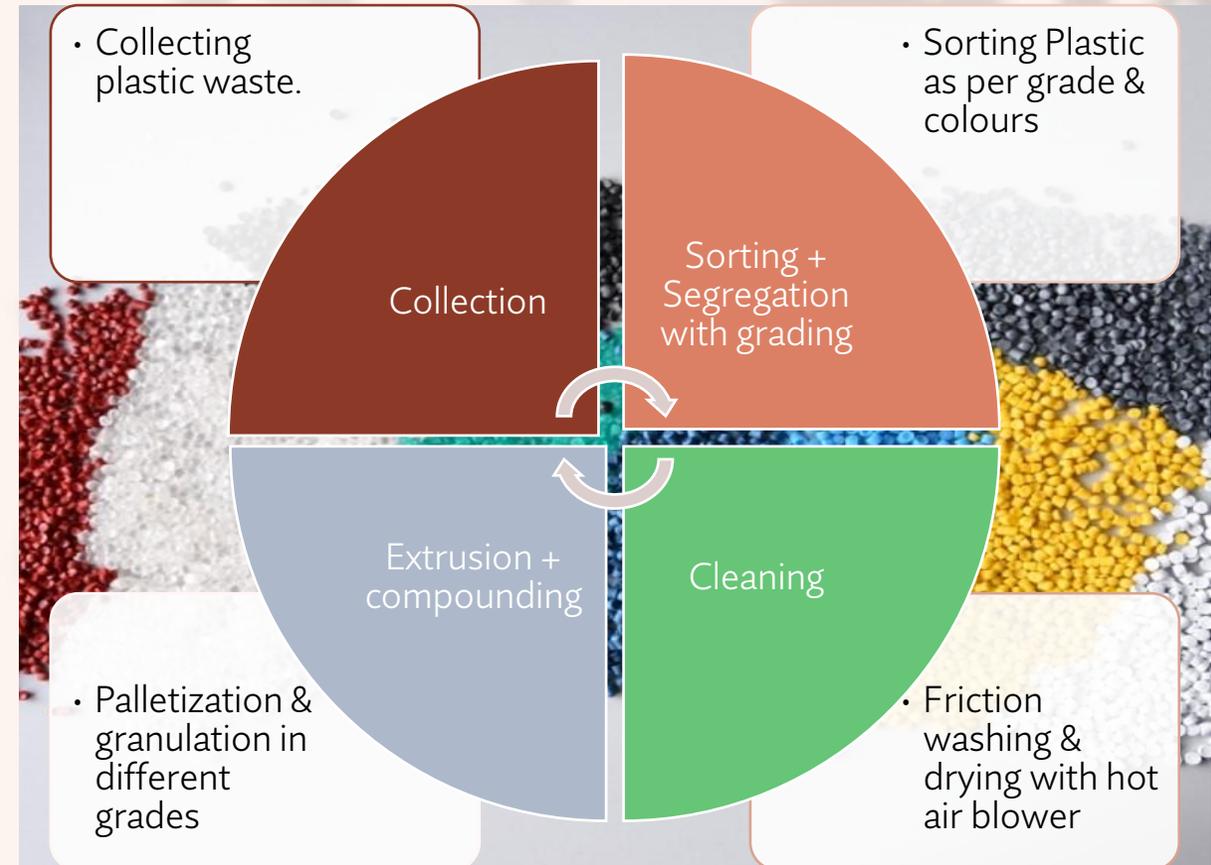


# Certifications & Compliance

APCM LLC is holding certification for maintaining world-class standards in quality, safety, and environmental management.

1. ISO 9001 – Quality Management System
2. ISO 14001 – Environmental Management System
3. ISO 45001 – Occupational Health & Safety
4. Global Recycle Standard (GRS) - Traceability
5. Carbon Emission Certificate – Gulf Sustainability Bureau
6. Ecolabel Certification – Environment Protection & Development Authority (RAK)
7. Certified Recycler – Rebound Plastic Exchange

# WE FOCUS ON



# OUR RECYCLING PROCESS INCLUDES:

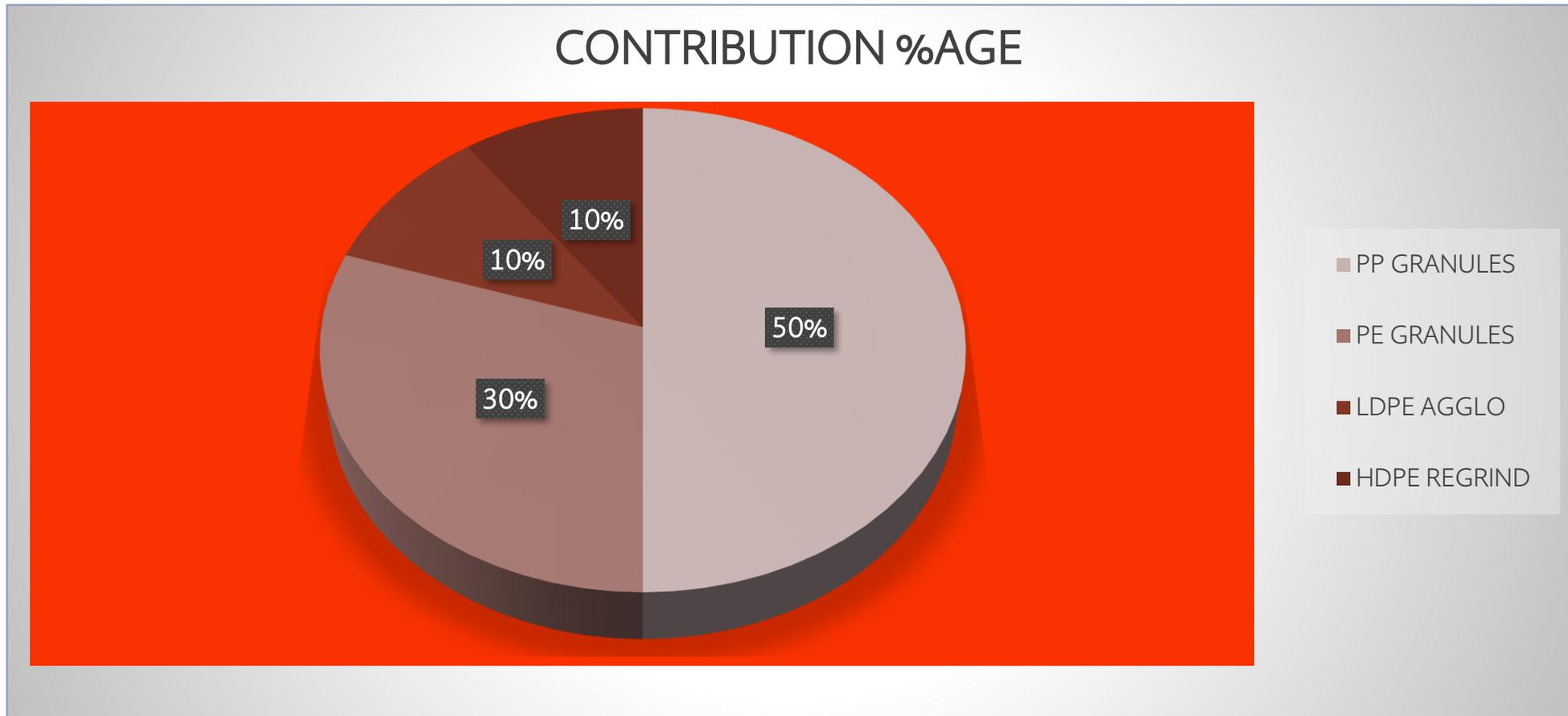
- I. Scrap Collection.
- II. Sorting + Segregation as per grade and quality.
- III. Grinding & cleaning.
- IV. Agglomeration → Palletization.
- V. Delivery to Processor / Converters.



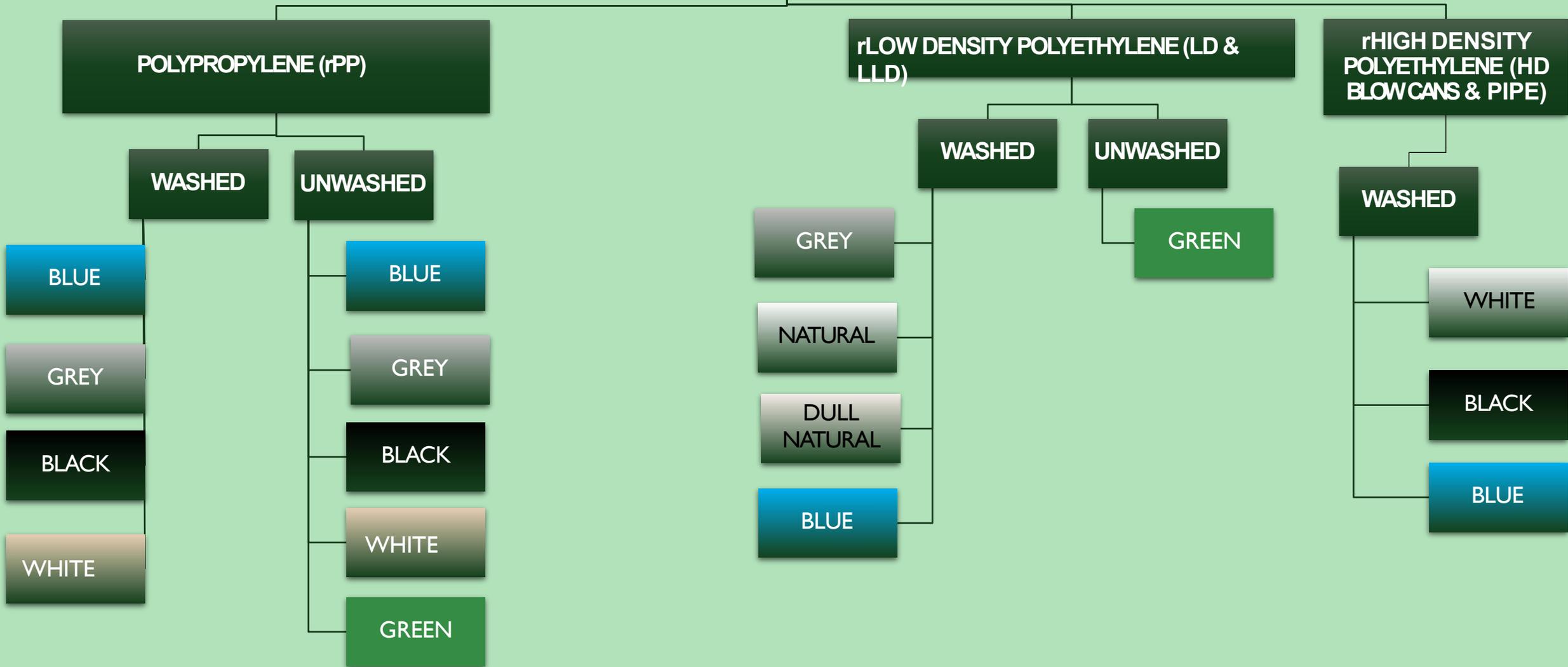
# PLASTIC WASTE



# PRODUCT SHARING



# PRODUCT



# PRODUCTS

POLYPROPYLENE	PP-QE903-BK	Melt Index (230°C, 2.16Kg) - 10 - 15 g/10min. Density (23°C) -0.95 – 0.97 g/cm <sup>3</sup> Ash Content - < 9% Impact Strength (Charpy, notched 23°C) – 12-15 kJ/m <sup>2</sup>	
	PPG- 51AP GREEN	Melt Index (230°C, 2.16Kg) - 8– 12g/10min. Density (23°C) - 0.90 – 0.96g/cm <sup>3</sup> Ash Content (600 °C) < 6%	
	QD926-BK BLACK	Melt Index (230°C, 2.16Kg)- 5 – 10g/10min. Density (23°C) - 0.90 – 0.95g/cm <sup>3</sup> Ash Content (600 °C) < 7% Impact Strength (Charpy, notched 23°C) – 7-9 kJ/m <sup>2</sup>	

# PRODUCTS

POLYPROPYLENE	QD927-BK BLACK	Melt Index (230°C, 2.16Kg) - 9 – 12g/10min. Density (23°C) - 0.90 – 0.95g/cm <sup>3</sup> Impact Strength (Charpy, notched 23°C) – 7-9 kJ/m <sup>2</sup>	
	PPH-35AP RED	Melt Index (230°C, 2.16Kg) - 8 – 12g/10min. Density (23°C) - 0.90 – 0.96g/cm <sup>3</sup> Ash Contents (600 °C) - < 7%	
	PPH-36AP BLUE	Melt Index (230°C, 2.16Kg) - 5 – 15g/10min. Density (23°C) - 0.90 – 0.96g/cm <sup>3</sup> Ash Contents (600 °C) - < 8%	

# PRODUCTS

POLYPROPYLENE	PPH-41AP WHITE	Melt Index (230°C, 2.16Kg) -5 – 15 g/10min Density (23°C) -0.90 – 0.96 g/cm <sup>3</sup> Ash Contents (600° C) - < 8%	
	PPH-43AP GREY	Melt Index (230°C, 2.16Kg) -5 – 15 g/10min Density (23°C) -0.90 – 0.96g/cm <sup>3</sup> Ash Contents (600°C) - < 7 %	

# PRODUCTS

POLYETHYLENE	HDPE-206AP BLUE	Melt Index (190°C, 5 Kg) – 0.13 – 0.16 g/10min. Density (23°C) -0.94 – 0.96 g/cm <sup>3</sup>	
	LD NATURAL	Melt Index (190°C, 5Kg) - 2.87g/10min Ash Content - < 0.35%	

# PRODUCTS

POLYETHYLENE	HDPE-176AP BLUE FLAKES	Melt Index (190°C, 21.6 Kg) - 13 - 16 g/10min. Density (23°C) -0.94 – 0.96 g/cm <sup>3</sup>	
	HD-Q3901-AP NATURAL	Melt Index (190°C, 2.16Kg) - 0.2 – 0.4 g/10min Density (23°C) -0.94 – 0.96 g/cm <sup>3</sup>	

- Pallet manufacturing
- Film Manufacturing
- Automobile plastic application
- Compounding
- Packaging application
- Household application
- Plastic crates manufacturing
- Drum, Gallon, Can
- Furniture

## APPLICATION

Currently our granules is being used in these mention applications

# Sustainability & ESG Impact

1. Recycling plastic can reduce lifecycle energy demand by approximately 30–50% compared to virgin polymer production, depending on resin grade and processing conditions
2. Each ton of plastic recycled diverts approximately 6–8 cubic yards of landfill volume.
3. Recycling one ton of plastic can save approximately 5,000–7,000 kWh of energy compared to virgin production, subject to polymer type and energy mix
4. Each ton of recycled plastic can avoid approximately 1.5–3.0 tons of CO<sub>2</sub> emissions compared to virgin polymer production
5. Generation of Employment
6. Creating a safer community through pollution prevention
7. Excellent initiative to engage youth and the student community.
8. Provides an opportunity to provide new skills to workers.



# Key Success Factors

The key to success of our company is in manufacturing good quality plastic chips in versatile plastic types . Quality standards followed strictly. Strong presence in the domestic market & overseas. Machinery, tools & equipment are customised as per need & keep on updating. Raw materials are available in sufficient magnitude, and we are customising granules as per client requirements



# WHY CHOOSE ADVANCE PLASTIC CHIPS MANUFACTURING LLC

Building a Certified, Scalable & Sustainable **Circular Future**



## Volume & Scalability

- Assured supply capacity
- Long-term partnership capability
- Expanding infrastructure & production strength



## Standardized Products

- Batch-to-batch consistency
- Controlled manufacturing systems
- Reliable industrial-grade performance



## Payment Credibility

- Structured financial systems
- Transparent contracts
- Proven repeat business relationships



## Certified & Compliant Ecosystem

- ISO 9001 | ISO 14001  
ISO 45001
- Global Recycle Standard (GRS)
- Ecolabel Approved
- Carbon Emission Certified



## Product Traceability

- Transparent sourcing
- Material tracking systems
- Quality validation processes



## Complete Technical Documentation

- Technical Data Sheet (TDS)
- Material Safety Data Sheet (MSDS)



## Strong Market Linkages

- Strategic collaborations
- Industrial ecosystem integration
- Access to sustainability-driven markets



## Product Diversification Capability

- Recycled chips | rPP compounds
- Sustainable product solutions
- Multi-industry applications



## Strong Post-Sales Service

- Responsive communication
- Technical guidance
- Fast resolution support



## Sustainability-Driven Brand

**Plastic is not waste** — it is a resource when managed responsibly.

- Advance Plastic is committed to:
  - Waste diversion & recycling innovation
  - Carbon footprint reduction
  - Circular economy transformation in the UAE
- Waste diversion & recycling
- Circular economy transformation



# Thank you

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