2025 SUSTAINABILITY REPORT

AMPACET
Plastics Reimagined™

Ampacet is committed to reducing its carbon footprint and preserving natural resources by monitoring and creating more efficient ways to manufacture and distribute our products.

We are proud to be the preferred partner for high-performance products and sustainable solutions to the most respected and well-recognized brands around the world. These solutions result in an improved circular economy by reducing, reusing and recycling; minimizing waste and generating end-of-live solutions. We believe in enhancing the quality of life for our customers, employees, and the planet.

The continued improvement of our sustainability performance leads to advances in both innovative products and processing solutions across the plastics industry.

By working together, we enable growth for a circular economy.

Alvaro Mendoza, Ampacet President and CEO

Sustainable Leadership

While we operate well within environmental regulations and our manufacturing sites are ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, FSSC 22000, GMP, GHPs, HACCP and BS OHSAS 18001:2007 qualified, we continue to focus on improving our performance to build a more sustainable tomorrow.

Core Sustainable Values

Planet
Preserve the planet's resources, biodiversity and climate. Participate in community projects for planet protection. Minimize our negative impact on the environment. Incorporate standards for recyclability in our products and solutions.

People
Develop community projects to help people live cleaner and greener lives. Inspire and educate employees, customers and our communities about the value of plastics, recycling and the Circular Economy.

Products
Develop innovative and sustainable solutions that support the Circular Economy and reduce the use of fossil fuel-based products. Integrate color and additive masterbatch leadership with innovative LIAD Smart blending, feeding and color management equipment.

Production
Set goals to reduce our use of energy and water. Reduce, reuse, recycle and dispose of waste properly in our facilities. Use more sustainable, recycled materials and clean energy in our products and processes. Innovate and upgrade our plants to reduce waste.

Partnerships
Partner with customers, stakeholders, suppliers, universities and associations to create solutions that meet the market's sustainability requirements. We value our stakeholders and understand that proper communication and collaborative partnerships are essential to the R³ program.

R³ Sustainability Program

In light of evolving legislation, taxation and customer requirements, it is important to define Ampacet's R³ (Reduce, Reuse and Recycle) Sustainability Program.

Reduce

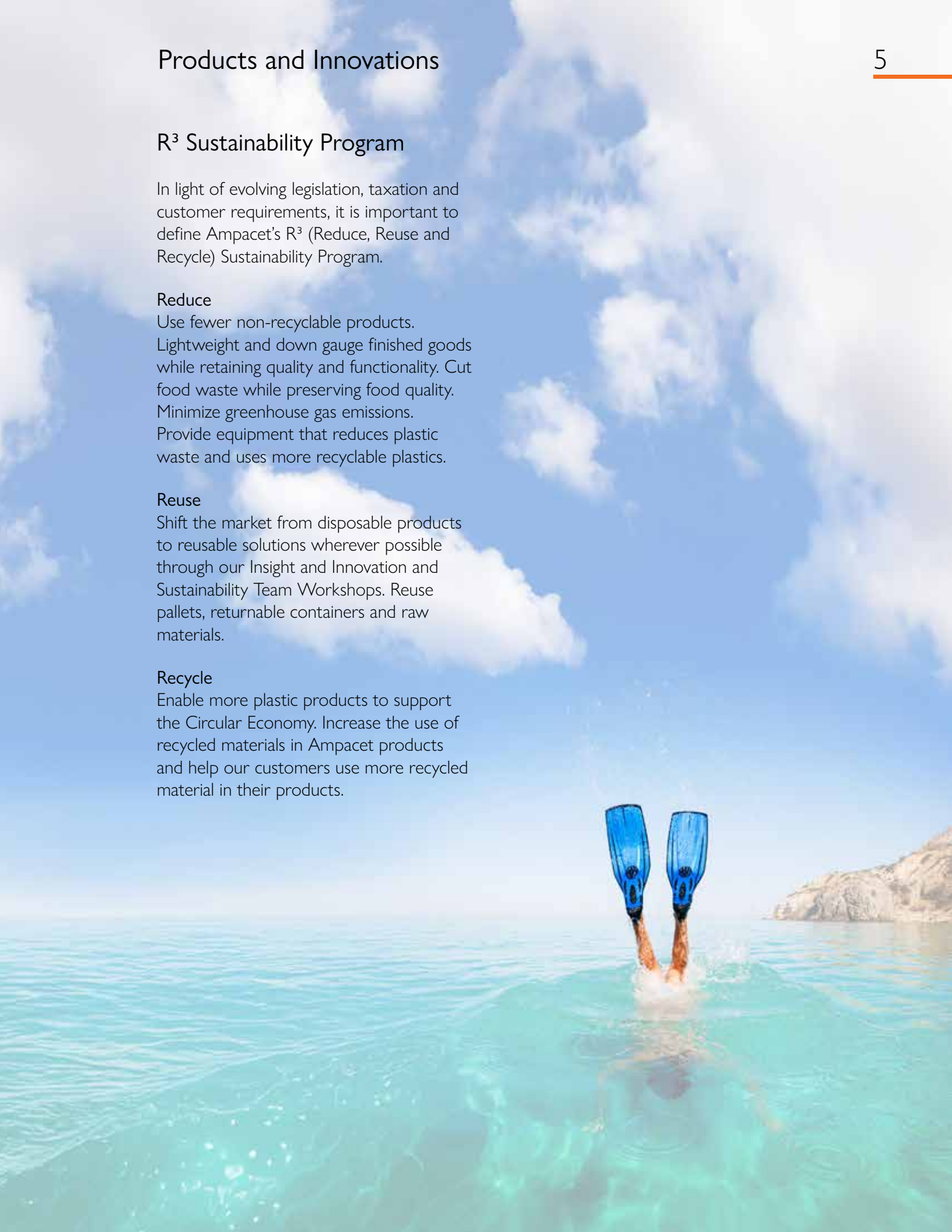
Use fewer non-recyclable products. Lightweight and down gauge finished goods while retaining quality and functionality. Cut food waste while preserving food quality. Minimize greenhouse gas emissions. Provide equipment that reduces plastic waste and uses more recyclable plastics.

Reuse

Shift the market from disposable products to reusable solutions wherever possible through our Insight and Innovation and Sustainability Team Workshops. Reuse pallets, returnable containers and raw materials.

Recycle

Enable more plastic products to support the Circular Economy. Increase the use of recycled materials in Ampacet products and help our customers use more recycled material in their products.



R³ Sustainable Product Portfolio

The Ampacet R³ sustainable product portfolio helps our customers create new recyclable packaging designs, as well as use more post-consumer content. Ampacet solutions include innovative masterbatches, advanced technology, and workshops to support customers' sustainability goals.

We developed a rubric for sustainability that includes six categories relevant for creating a more sustainable future including products and services that reduce the consumption of energy, water, greenhouse gas emissions and the reduction of plastic waste. These six categories are:

Designed for the Circular Economy

These products and services allow our customers to optimize their products for circularity in every step of the recycling process.

REC-NIR Black™, LaserMark™, Laser Mark Flex™, ColorMark™, Safari White™, FauxFoil™, BIAX4CE™, ReVive™ Compatibilizers, ScratchShield™, GermsClean™, ThermProtect™, GASTOP-Flex™, Paper|2.0 Replacements, Sustainability Sessions and Insight and Innovation Workshops

Recycled Content Optimization

Ampacet products aid in the improvement of mechanically recycled plastics for finished/intermediate goods and target physical properties, color, appearance, and odor minimization.

BlueEdge™, OdorClear™, PCR carriers PCR Color Matching Services, REC-O Black™, Antioxidants, Desiccants, ThermProtect™, ReVive™ Compatibilizers, PET Chain Extender, Nucleant PP, REC-NIR Black™, Acetaldehyde (AA) Scavengers

Bio-sourced (renewable) Bioplastics Color and Additive Masterbatches

Renewable bioplastics are sourced from non-fossil fuel feed stocks and largely consist of biodegradable and non-biodegradable plastics.

Biodegradable (compostable) Bioplastics

Compostable plastics biodegrade in a compost site at the same rate as other organic materials, leaving no toxic residue. Each of these product families is compostable.

BioRange™, BioRange+ ™ (certified by TUV) and BioRange+ HOME ™ (certified for home compostability)

Energy, Water, Greenhouse Gas Emissions and Plastic Waste Reduction

Products that help our customers manufacture higher quality products while optimizing their production inputs. This reduces plastic waste from off-spec plastics as well as saving energy, water and CO2 emissions.

Foaming Agents and LIAD Smart™, Processing Aids, PFAS-free Processing Aids, Slip Aids and our full line of LIAD equipment.

Food Waste Reduction and Shelf-Life Extension

Helps protect the contents of products against oxygen, UV, water vapor and microorganisms that can degrade the appearance and nutritional value of foods.

UV Absorbers, UV Inhibitors, GASTOP-Flex™, AntiFog and GermsClean™.

Featured R³ Products

We are sharpening our focus on our most impactful solutions that can help meet the needs and goals of customers, brands, society and the planet.

ReVive™ Compatibilizers–multi-material films that were previously unrecyclable can now be recycled in the polyethylene recycling stream with the addition of ReVive compatibilizers and used again for film production or other downstream plastics processing.

Rec-NIR Black™–using this new black instead of traditional Carbon Black allows manufacturers to create black products that are fully recyclable.

RediBatch™–highly-loaded mono-pigments are compatible with most polymers, ideal for recyclers and short runs of specific colors.

BioRange™–colors designed for compostable plastic applications comply with TUV OK Compost INDUSTRIAL and TUV OK Compost HOME requirements for industrial and domestic composting.

BlueEdge™–corrects yellowness of recycled materials.

LIAD SMART technology–Blending, feeding and in-line color management systems enable processors to simplify color automation, reduce costs, improve quality, and use more recycled resins.

2024 Product Innovations and Notable Activities

MATIF™–replaces an additional layer needed to achieve a matte effect in mono-material PE packaging and can be easily recycled.

UVBLOCK 1496–a new UV barrier masterbatch for food and industrial packaging that is free from phenolic benzotriazoles (PBTs). It also has improved optical properties with superior UV barrier performance.

Improved PROFLOW 1449 and 1485–two new globally compliant Fluoro-free Polymer Processing Aids (PPAs) including one that is siloxane-free; perform as well as our legacy fluoro-based PPAs.

GASTOP-Flex™–enhances product freshness and recyclability in monolayer and multi-layer polyethylene films produced with conventional and MDO (Machine Direction Orientation) equipment.

Light Diffuser 49–improves greenhouse efficiency and extends the life of plastic films.

GermsClean Asia–extends food shelf life, reducing food and plastic waste.

Pyrostab-Fire-resistant products–reduce product loss and plastic waste.

Muted Matte™ Collection–reduces gloss in HDPE multi-layer applications without limiting recyclability.

Earthen Clay Collection–emulates the natural matte colors and textures of the earth and is fully recyclable.

Acetaldehyde Scavenger 0846–allows for a higher percentage of recycled PET plastic in water bottles and performs without affecting taste.

Keyshot Design Gallery–online tool allows designers and engineers to digitally apply Ampacet colors and effects to their user-specified designs. This helps customers save time and resources normally tied to wasteful physical sampling.

SpectroMetric™ 6–provides real-time color monitoring and correction to reduce color masterbatch costs when using recycled resins.

BlendSave® Compact–delivers an automated resin blending solution to increase use of recycled resins and rapid formulation changes in a smaller footprint.

United Nations INC Global Plastics Treaty Development–as members of the Alliance to End Plastic Waste, Ampacet presented information on Sustainable Solutions at the INC-4 meeting in Ottawa. This organization is developing a global policy to end plastic waste. We also participated in roundtable discussions with diplomats, government officials and UN staff.

2024 Awards and Recognitions

Ampacet Argentina was the only company to complete the certification process for the Zero Pellet Loss Program, managed globally by Operation Clean Sweep (OCS) and locally by the Argentine Plastics Industry Chamber (CAIP).

Ampacet Thailand received an award for collecting and donating plastic and paper to produce student backpacks. Ampacet Thailand was also recognized for providing eco-friendly masterbatch used for the Furio Greenovative Packaging program by Panjawattana Plastics.

Mercedes Landazuri (Market Insight Manager and Sustainability Lead, NA) was recognized as one of the "Women Breaking the Mold" by Plastics News for her expertise in sustainability and colors for plastics.

People/Planet/Production Initiatives

Global: Operation Clean Sweep audits will continue in North America and plants in Latin America, including Brazil and Argentina. Queretaro Mexico plant ranked as our cleanest plant in 2024.

Asia Pacific: Employees at our Thailand plants participated in local environmental programs, installed rainwater collection, and renewable energy systems. The Pune plant installed energy-efficient HVAC systems.

Europe: The Dudelange plant installed energy-efficient LED lighting and remote water detectors. The Messancy plant installed remote water meters, added electric forklifts, and installed an engine generator. The Brembate and Telford plants installed closed water circuits, and the Dubai plant reused 21,600 liters of water from their production cooling system.

Latin America: Ampacet Brazil helped to recycle plastic bottle caps for charity. Ampacet Bahia helped raise community awareness about environmental care. Ampacet Argentina organized a recycled art contest. The Queretaro Mexico plant installed LED lights.

North America: North American employees participated in programs with the Association of Plastic Recyclers and the Society of Plastic Engineers, as well as several community activities to promote sustainability. The Heath Ohio plant reduced water usage and installed devices to save energy.

United Nations Sustainable Development Goals

Ampacet has adopted the United Nations Sustainable Development Goals (SDGs) which are designed to provide a blueprint to achieve a better and more sustainable future.

In 2024, we added two more goals that fit our expanding R³ program.

Deliver solutions for packaging to enhance food preservation, extend shelf life and minimize food waste.

Educate employees, customers and consumers on the benefits of plastics and solutions to enhance end-product sustainability.

Practice zero pellet loss protocols and offer antimicrobial solutions to keep plastics safe and sanitized.

Provide salaries and benefits that support a living wage and humane child labor policies from our suppliers.

Develop new products and optimize manufacturing practices to support sustainable growth of the plastics industry.

Create a work environment that welcomes diversity and equal opportunity.

Prohibit all forms of corruption and bribery. All employees are required to act honestly with integrity and fairness.

Offer solutions and participate in initiatives promoting the circularity of plastics, helping cities and communities use less material and recycle more plastic.

Participate in and partner with customers, suppliers and non-profit organizations to help create a more sustainable world.

Partnerships and Affiliations

Alliance to End Plastic Waste (AEPW)

Our biggest partner is the Alliance to End Plastic Waste where we are participating in projects and developing sustainable solutions in each region.

AEPW is committed to addressing plastic waste across the entire plastics value chain by convening a coalition of leading companies, development agencies, international organizations and civil society to tackle plastic waste. AEPW members actively engage in projects in communities of need, contributing technical expertise, financing and business model development to ensure the viability of these projects. As a member of AEPW, Ampacet participates in both global and regional initiatives. We also participate in Technical Expert Groups (TEGs) that bring together experts on special topics around plastics as well as Regional Task Groups (RTGs) in different parts of the world. Ampacet participates in two TEGs; specifically Design and Market Solutions and Collection and Basic Processing Solutions. We also participate in RTGs in North America, Latin America, Middle East and Asia.

AEPW Global Activities

ALLIANCE TO END PLASTIC WASTE

One of the most productive programs is the Plug and Play initiative where The End Plastic Waste Innovation Platform identifies innovative ideas in collection, management, and sorting of plastic waste, recycling and processing technologies and extraction and value creation from post-recycled plastics. Once identified as a promising technology, we introduce these ideas to our technical teams who evaluate them as possible sustainable products for Ampacet.

Latin America

GIRO Innovation Program–seeks to replicate a successful pilot project to improve the segregation of waste and delivery to collection points and improve efficiency at the sorting lines.

PCR-AR–brings more Post Consumer Resin (PCR) into the plastics value chain by creating markets for low-value and contaminated plastics.

Brazil Circular Action (BVRio Initiative)–operates a Circular Action Programme (CAP) consisting of three phases of preparation, inception, operation and administration of CAP in Brazil.

Recicleiros–works with sixty committed small cities in Brazil in three waves to create community-based waste collection, sorting and recycling.

Boosting Cidades + Delterra–work together to boost recycling participation rates in the city of Guaxupé.

North America

Myplas Recycling Plant–in Rogers, Minnesota, has one line manufacturing food grade HDPE film PCR using milk containers as the feedstock and other lines produce non-food grade film PCR, post-commercial.

US Cities Transformation-Chicago–reaches 150,000 households with a convenient recycling plan, cleaning plastic waste along Lake Michigan, and recovering materials that are hard to sort.

Asia Pacific

ReCircle-India–collects and diverts low-value plastic waste from various cities across India to be recycled or co-processed. This waste would otherwise be landfilled or dumped. This project also seeks to improve livelihoods of waste value chain workers.

Rayong Less Waste–designs and deploys a scalable model for a recyclables collection and sorting system for up to 60 villages across Rayong Province.

Europe

Rematics AI for Collection-Belgium–has designed an on-truck mountable detection unit (that identifies and quantifies different plastic fractions and other recyclable material with >70% accuracy).

Our Five-Year Sustainability Vision

Simplification
Ensure that Ampacet Research and Development Teams collaborate to develop and launch sustainable products that support the Circular Economy, including recycled content in our product portfolio, to meet future legislative requirements.

Waste Management
Continue to support efforts that lead to the global elimination of plastic waste by improving processes to support zero waste initiatives. Minimize waste currently diverted for energy recovery.

Energy Management
Support energy-saving programs in our manufacturing processes that reduce energy demand and our carbon footprint. Increase the percentage of renewable energy we purchase.

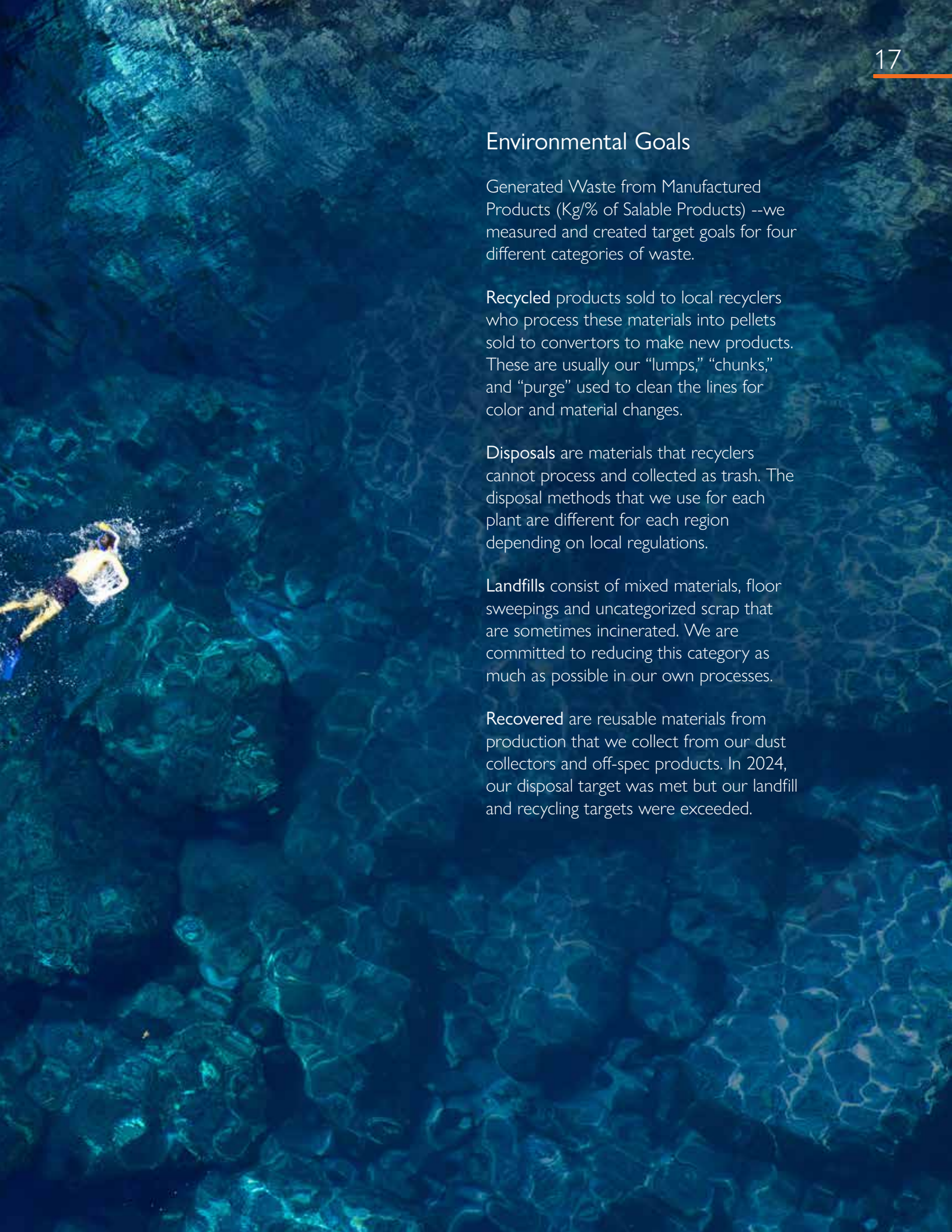
Water Savings
Reduce the amount of water required to produce our products.

Packaging Waste Reduction
Reduce the amount of packaging used within our production environment and implement packaging return avenues to maximize their use.

Operation Clean Sweep (OCS)
Continue to develop our systems, building OCS expectations into the fundamental operations of the business with the goal of keeping any plastic pellets or powder from entering the air, water or soil.

Emissions
Monitor emissions from our manufacturing plants to ensure we are operating within regulatory conditions.

Modifications / Plant Improvements
Ensure that all modifications maximize the opportunity for environmental improvement. Optimize processes to report waste and water metrics, particularly those aimed at zero pellet loss in alignment with Operation Clean Sweep (OCS) and water resource management objectives.



Environmental Goals

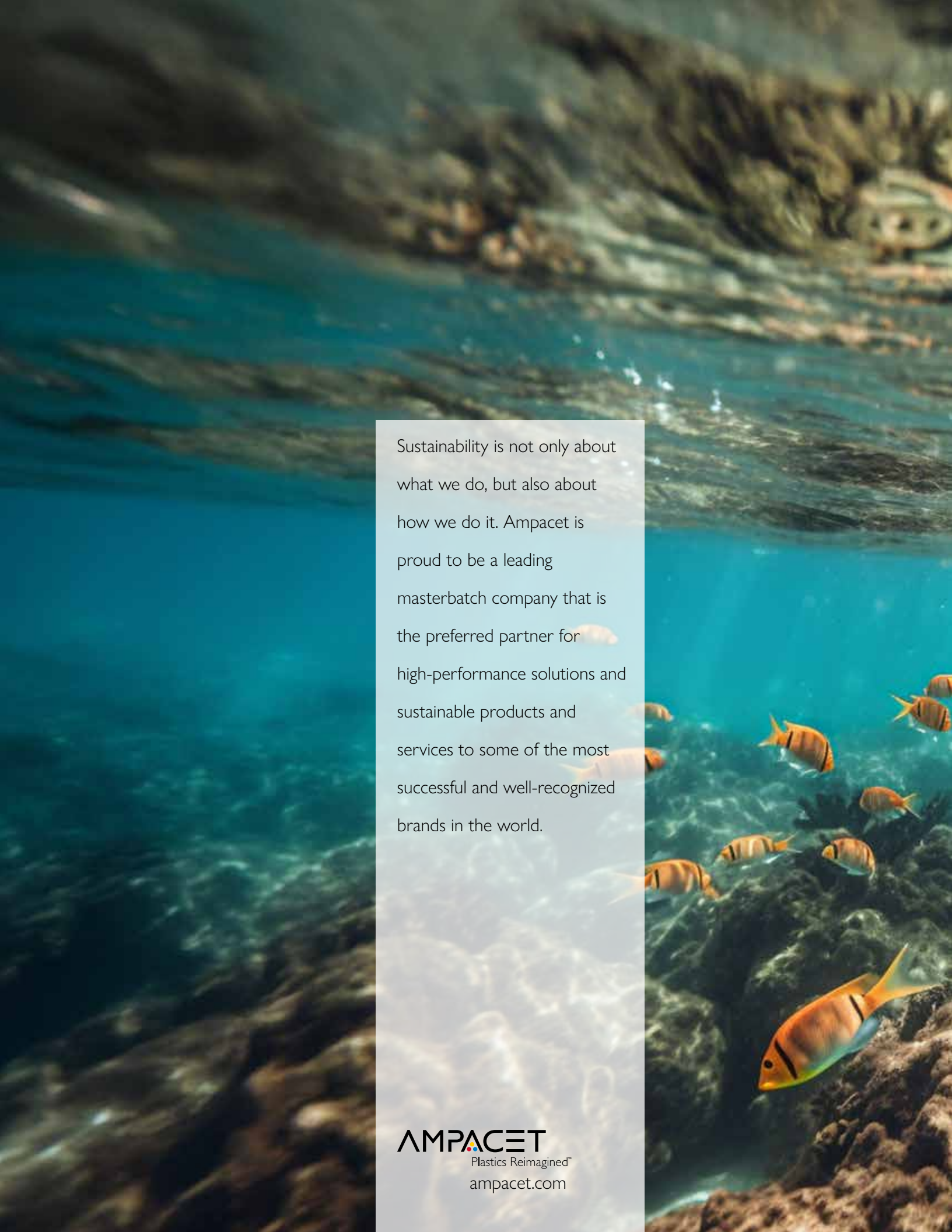
Generated Waste from Manufactured Products (Kg/% of Salable Products) --we measured and created target goals for four different categories of waste.

Recycled products sold to local recyclers who process these materials into pellets sold to convertors to make new products. These are usually our "lumps," "chunks," and "purge" used to clean the lines for color and material changes.

Disposals are materials that recyclers cannot process and collected as trash. The disposal methods that we use for each plant are different for each region depending on local regulations.

Landfills consist of mixed materials, floor sweepings and uncategorized scrap that are sometimes incinerated. We are committed to reducing this category as much as possible in our own processes.

Recovered are reusable materials from production that we collect from our dust collectors and off-spec products. In 2024, our disposal target was met but our landfill and recycling targets were exceeded.



Sustainability is not only about what we do, but also about how we do it. Ampacet is proud to be a leading masterbatch company that is the preferred partner for high-performance solutions and sustainable products and services to some of the most successful and well-recognized brands in the world.

AMPACET
Plastics Reimagined™
ampacet.com