



SUSTAINABILITY FOCUS AREAS

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RESOURCE CONSERVATION AND CIRCULARITY

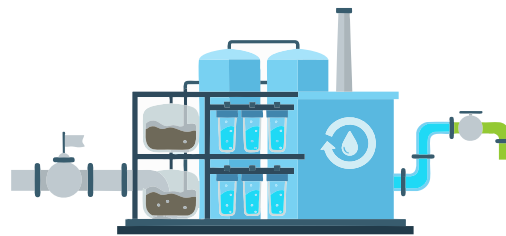
Resource scarcity and waste generation pose growing risks to sustainable manufacturing. Our **ASR Group® family of companies** strives to reduce our environmental footprint by conserving natural resources and incorporating circular principles into our operations where feasible. As outlined in this document, we aim to continuously improve our practices related to **water use, energy efficiency, and waste reduction**. Through innovative practices and continuous improvement, we are working toward zero waste to landfill and maximizing the reuse of materials across our global facilities.

Our Approach

Our **Resource Conservation** and **Circularity strategy** is grounded in the circular economy framework, which aims to:

- Reduce waste and pollution
- Reuse products and materials
- Regenerate nature-based systems

Guided by our Double Materiality Assessment¹ and understanding of our processes, we focus on three primary categories:



1. Water Management and Reuse



2. Waste Minimization and Circularity in Use



3. Packaging Designed for Circularity

Our Resource Conservation and Circularity Goals²



By 2030:

- Water: Reduce our potable water usage by **55%**
- Waste: Achieve zero waste to landfill
- Waste: Reduce solid waste produced at our facilities by **25%**



By 2035:

- Packaging: Transition **100%** of our packaging to reusable, designed-for-recovery, or renewable solutions

1. The results of our Materiality Assessment are available in the Governance document available on our website.

2. All our sustainability goals are measured against a 2012 baseline, except for waste-related goals, which use a 2021 baseline.



Core Standards and Site Responsibilities

All sites:

- Implement water management and reuse systems, including mapping entry/exit points and maximizing reuse (e.g., condensation recovery)
- Apply the **Zero Waste Hierarchy**³ in project design and decision-making
- Strengthen data granularity for waste and water reporting
- Collaborate with local service providers and manufacturers to enhance waste infrastructure and find alternative material uses
- Meet packaging sustainability requirements: focus on material reduction, post-consumer recycled content, sustainable packaging & materials modulation, and compliance with evolving legislation

Water Management and Reuse

Goal: Reduce potable water usage by **55% by 2030**.

Water flows through the milling and refining processes in several ways:

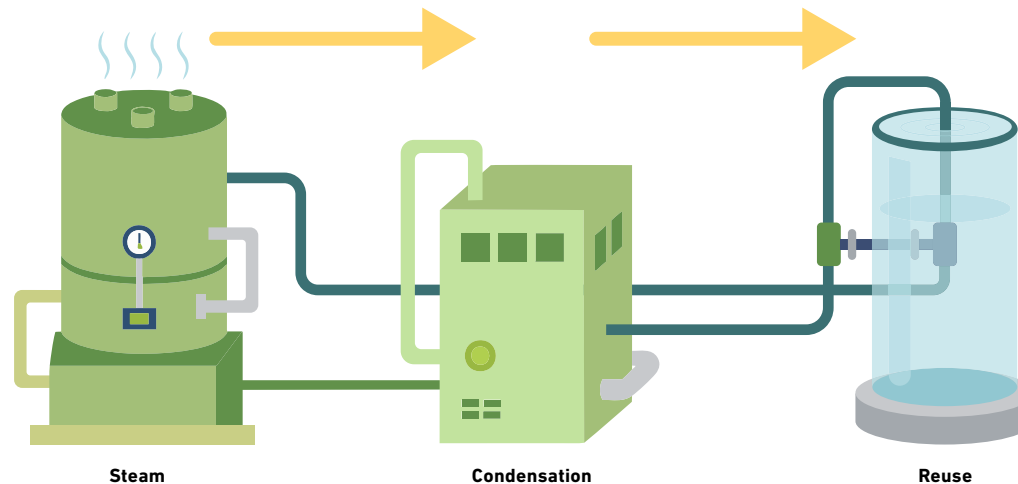
Entry Points:

- **Non-contact cooling** - Surface water used in sugar's recrystallization process without physical interaction
- **Multi-purpose / utility** - Water purchased from utilities used in boilers, cleaning, and consumption
- **Sugarcane (Mill only)** - Water released from sugarcane during grinding is reused in the process

Exit Points:

- **Directly returned to watershed** - Non-contact cooling water passes through the process without significant alteration
- **Discharged to treatment plants** - Water used to clean process equipment
- **Lost to evaporation** - Primarily as vapor during sugar crystallization and from other water-based cooling systems
- **In products** - Found in liquid sugars and syrups

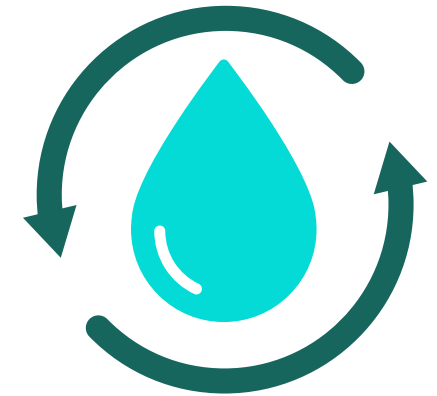
Wherever possible, we reuse water, such as converting steam back into water through condensation. We are also developing systems to further reduce water demand, including water recovery loops, collection and redistribution tanks, and advanced steam recovery systems.



3. A framework that prioritizes preventing waste first, then reusing, recycling, and recovering resources before considering disposal.

Potable Water Usage & Wastewater Treated

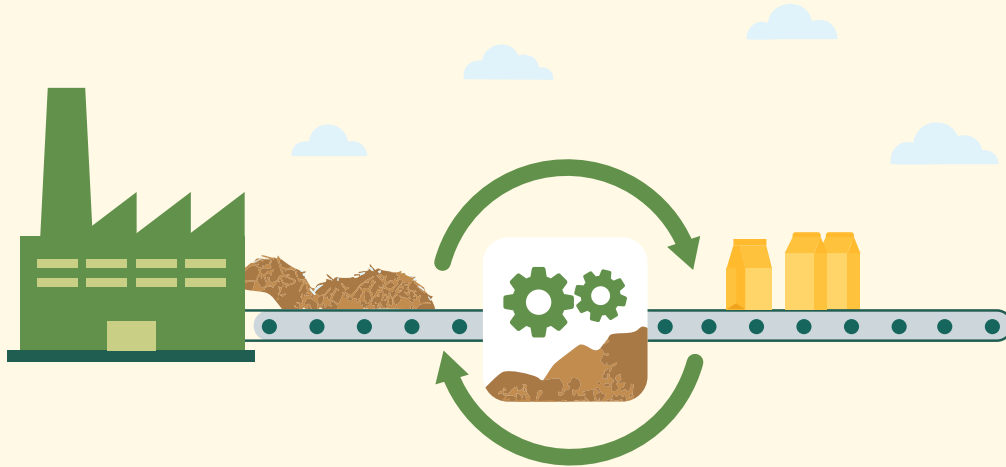
To advance water reduction, we plan to redesign our systems with a focus on water conservation. We will continue to refine this strategy as we identify site-level opportunities.



Wastewater treatment plays a crucial role in our water reduction strategy by reducing the need for fresh water and enhancing overall efficiency. We aim to minimize our wastewater discharge, focusing on:

- Water consumption tied to evaporative loss
- Water consumption tied to wastewater discharges

Waste Minimization and Circularity in Use



Goal: By 2030 achieve zero waste to landfill and reduce solid waste by **25%**.

Our waste reduction process includes:

- Partnering with local service providers to enhance waste infrastructure
- Collaborating with manufacturers to find alternative uses for materials used in our operations
- Applying the **Zero Waste Hierarchy** to guide project design and decision-making
- Strengthening data granularity to identify opportunities for improvement

Solid Waste Minimization:

Our current focus is to improve data granularity to identify opportunities for improvement and to design projects guided by the **Zero Waste Hierarchy**. We are refining this strategy with the support of our site-level teams and service providers.

Packaging Designed for Circularity

Goal: Transition **100%** of our packaging to reusable, designed-for-recovery, or renewable solutions **by 2035**.

Packaging Sustainability Strategy

Launched in FY18, our packaging sustainability program is built on these key focus areas:

Material Reduction

Although packaging makes up only **2% of the net weight of our products**—well below the food industry average—we are committed to continuously identifying thinner, lighter, and stronger materials to further reduce packaging use and waste.

Adapting to Legislation

We recognize the rapid evolution of packaging-related legislation, particularly those focus on **Extended Producer Responsibility (EPR)**, and the need to proactively adapt. We are focused on:

- Designing for the circular economy
- Anticipating and meeting customer expectations
- Complying with regulatory changes across different jurisdictions

We are continuing to invest in scalable data infrastructure to support robust reporting and timely responsiveness to evolving legislative changes.

Post-Consumer Recycled Content

We are evaluating pathways to incorporate **post-consumer recycled content** into our packaging materials as part of our **broader circularity strategy**. This includes assessing technologies and sourcing models that meet food safety and quality standards. Key performance indicators for this initiative are under development and will be reported once finalized.

Sustainable Packaging

Our strategy is to focus on the four Rs of packaging sustainability:



This approach guides our packaging sustainability objectives and helps us communicate our efforts effectively.

Plant-fiber-based Packaging

We are dedicated to advancing the circular economy by conserving finite natural resources and minimizing waste.

Tellus Products, part of the **ASR Group® family of companies**, is a sustainable products company based in **Belle Glade, Florida**, that uses a proprietary blend of plant fibers to create packaging solutions that help reduce plastic waste.

Products include:



Plates



Takeout
containers



Bowls



Trays

These are designed to displace traditional plastic packaging in the market.

Tellus manufactures all fiber products in the United States at its Florida facilities, using a combination of domestically sourced and imported plant fibers. The company partners with reputable fiber suppliers committed to transparent and sustainable sourcing practices.

tellus®

