



Committed to Minimizing Plastic Waste in Our Operations

Ingredion performed a preliminary mapping of where plastics are used within our operations. Primary plastics usage occurs in packaging and shipping/distribution of product to the customer. Smaller amounts of plastics are used in direct operations, but primarily for quality control, testing of product and intermediate storage. Our estimates indicated that approximately 13,500 MT of plastic packaging material usage containing 50% plastic (as a percentage of total weight) or greater was used in our global operation. We do not have complete data on the plastics packaging content associated with our raw material consumption at the present time.

We aim to reduce plastic waste associated with our operation by completing three projects per country where we have manufacturing operations. Through 2024, we have completed 32 projects. In 2024, our corporate headquarters in Westchester, Illinois, eliminated the use of plastic water bottles in the facility, replacing them with filtered water and ice machines and water pitchers for meetings. These simple changes are estimated to reduce 150 kg of plastic.

Improving Water Quality through COD Reduction

In waste reduction, we measure the COD (Chemical Oxygen Demand) intensity associated with operational streams going to wastewater. Our goal is to reduce our COD intensity by 10% by 2030 compared to our 2019 baseline, so we create more products and less waste from the agriculture crops we consume. In 2024, we achieved a 1% increase in COD intensity versus our 2019 baseline, which was flat compared to 2023 performance. Some of our facilities were impacted by unexpected operational upsets, which adversely impacted the global COD intensity.

Several of our plant operations teams have formed small working teams to improve this sustainability metric. For example, in our Cali, Colombia, plant, the team initially focused on creating standard measurement operating procedures, improving instrumentation and quantifying the major sources of COD. Individual departments then worked to improve operations in their areas, resulting in a 42% reduction versus 2019 baseline.



Wet Mill



Modified Starches



Enzymatic Refinery



Utilities

Engaging Our Communities on Earth Day

In April, several Ingredion sites celebrated Sustainability Month with the theme "Global Goals. Local Impact." Employees across several sites participated in community activities such as tree planting, trash pickups and local student environmental education.



Continuing our work toward a net-positive biodiversity impact



Navigating Complexity Around Biodiversity

As we progress our sustainability program toward our 2030 goals, biodiversity is an area that continues to present challenges we must find a way to overcome. The primary drivers for this are:

- 01

the extreme complexity in ecosystem drivers that impact biodiversity at the local level.
- 02

the lack of a single industry-adopted approach for measuring and improving biodiversity impact.

While we have not identified significant biodiversity impacts in our supply chain, we see value in working with our growers to promote better on-farm and ecosystem resiliency.

To help clarify our path forward, in 2024 we focused on continued dialogue with customers and stakeholders, evaluating tools for biodiversity assessment, working to evaluate key performance indicators (KPIs) that would help us measure biodiversity impact and alignment with our own regenerative agriculture efforts to better leverage interaction with the growers in our supply chain.

To that last point, we are pleased to report that the Sustainable Agriculture Initiative (SAI) Platform launched its Regenerating Together program in October of 2024. This will be an important step forward in helping us align our efforts. To read more about our regenerative agriculture efforts, please see the **Sustainable and Regenerative Agriculture** section of this report.





Refining Our View of Biodiversity

In 2023, we used the World Wildlife Fund Biodiversity Risk Filter to evaluate the geographies around the world in which we operate. In 2024, our focus was on enhancing the information we have about those geographies to better understand how our operations are, or can, impact the local ecosystem in a positive way. These enhancements fall into three major categories: sustainable and regenerative agriculture, water and engagement.

01

Sustainable and Regenerative Ag

INFORMATION EVALUATED

- Sustainable agriculture (% FSA validation)
- FSA*-identified deforestation consideration
- Regenerative agriculture implementation
- Pesticides of Concern use
- Integrated Pest Management use

02

Water

INFORMATION EVALUATED

- Water risk rating
- Site water use intensity
- Site wastewater treatment operations
- Site Chemical Oxygen Demand (COD) reduction

03

Engagement

INFORMATION EVALUATED

- Non-Government Organization (NGO) engagement
- Customer engagement

*SAI PLATFORM FARM SUSTAINABILITY ASSESSMENT

We also worked to map out this additional context alongside geographic biodiversity risk. This work has brought additional insight to priority areas of focus for biodiversity and ecosystem services.

Continuing to Evolve Our Efforts

Going forward, our challenge will be finding a way to evaluate biodiversity value alongside other environmental factors, such as carbon emissions and water. We understand there can be trade-offs between these factors. One approach we are evaluating is to quantify the economic value of natural capital within a geographic ecosystem to better be able to evaluate interventions and other projects. As an example, the economic value of water in a high-stress geography could be much higher than the economic value of water in a low-stress geography.

Estimating this economic value of biodiversity, carbon and water could provide us with a more robust mechanism for evaluating intervention approaches, understanding how to prioritize trade-offs and better represent the ecosystem needs in decision making. This approach could also suggest KPIs that help us better understand how we are driving progress.

Ingredion continues to evaluate partners and opportunities to pilot this economic valuation approach in our supply areas, as we feel it could further strengthen our approach around biodiversity, as well as help inform our sustainable and regenerative agriculture strategy.



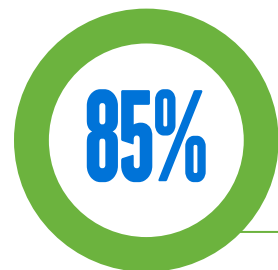


Zero Deforestation

In 2024, we continued our process of evaluating our Tier 1 priority crops (corn, tapioca, potato, stevia, pulses) by using the SAI Platform Farm Sustainability Assessment (FSA). The FSA contains questions which are labeled as “Essential,” meaning farms must comply with 100% of these criteria to be considered sustainable. These include topics such as child labor, forced labor and using licensed pesticides. Included among the 23 Essential questions is one related to no deforestation on the farm since 2015 (FSA63).

Completing the FSA with our growers, which includes both a self-assessment by the farmer and a third-party validation audit, is the primary mechanism through which Ingredion assesses deforestation in our agricultural supply. Being at 85% sustainably sourced means that we have validated that percentage of our supply chain as having no deforestation.

While the European Union Deforestation Regulation does not apply to Ingredion operations, Ingredion is using the SAI Platform’s FSA to support our customers and supply chain partners in evaluating deforestation risks in our mutual supply chains. The SAI Platform has already indicated that it is working to keep the FSA relevant to European regulations, with a new module being developed in 2024 to align with the requirement of the EU Corporate Sustainability Due Diligence Directive.



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JULIA SANGUINETTI
Sustainable Sourcing
Analyst

In 2024, we have worked hard to enhance the digital tools we use to collect farm-level data and aggregate that information at a corporate level. These tools enable us to not only streamline information collection, but also to enhance our data analytics and reporting. This will make it more timely for us to identify potential deforestation risks with our growers, enabling quicker assessment and responses.



Connected Life

CREATING SHARED SUSTAINABLE VALUE

