

# Ecoembes optimizes waste management via Minsait and Azure

Ecoembes oversees Spain’s extended producer responsibility scheme for plastic and paper packages. As a key agent in the waste management ecosystem, Ecoembes chose to adopt Onesait Sustainability to digitalize its relationship with 8,000 municipalities nationwide. The solution automates Ecoembes’ billing

processes, optimizes waste collection and sorting, and enhances decision-making through increased data and impulse transparency among stakeholders. So far, Ecoembes has deployed the Microsoft Azure-driven solution to more than 300 municipalities and to many Internet of Things (IoT) providers, service providers, and sorting plants.



## AT A GLANCE

**Customer:** Ecoembes

**Country:** Spain

**Website:** <https://www.ecoembes.com/es>

**Industry:** Nonprofits

**Customer Size:** Medium (50 - 999 employees)

**Products and Services:** Microsoft Azure, Onesait Sustainability



# Minsait, Ecoembes, & Microsoft Azure

## Customer Challenges

Europe has ambitious recycling goals, and member countries need to meet high recycling ratio standards. Ecoembes is responsible for optimizing the plastic and paper package collection system for Spain. Ecoembes sought to improve the quality, availability, and granularity of its waste management information in a data landscape that included a wide array of digitalization resources and processes. It also wanted to provide municipalities with tools to improve their services' efficiency and quality.

## Partner Solution

The Onesait Sustainability solution from Indra Sistemas enables data exchange ecosystems. The solution allows for the standardization and sharing of geographical, socioeconomic, business and Internet of Things (IoT) data from different sources among different agents. Onesait Sustainability improves business intelligence around waste generation, facilitating data-driven decisions, transparent billing processes, and operation optimization, in line with SGS 13 of the United Nations 2030 Agenda. Because the solution is deployed in Microsoft Azure, required scalability and availability to maintain adequate service levels are ensured, and adoption is easy. Ecoembes expects to expand the solution to additional municipalities in 2022.

## Customer Benefits

By adopting Onesait Sustainability, Ecoembes has automated its billing processes while gaining a deeper understanding of the waste collection processes of the municipalities it serves. The solution has helped Ecoembes redefine its business operations to build greater trust among the ecosystem's stakeholders. In addition, the participating municipalities can optimize their services, gain a better understanding of waste generation, improve the services' quality, and set the foundations to meet Spain's recycling goals.

Ecoembes now gathers more granular information based on IoT and socioeconomic data, so it enjoys more robust business intelligence while reducing the time it spends on billing processes.

By leveraging the Onesait Sustainability data exchange ecosystem, trust among agents has improved, facilitating data-driven decision-making, reducing trading costs, and enabling integrated reporting.

Municipalities benefit from operational savings, thanks to optimized collection routes (saving up to 20 percent) and collection points, and to automated incident management and processes.