

# CASE STUDY

## GrainPro Malaysia



GrainPro, a leading supplier of sustainable hermetic bags, faced a challenge in ensuring that their solution were not only sustainable in production but also throughout their entire lifecycle. While their bags were designed with sustainability in mind, the company needed a reliable partner to **manage the post-consumer waste** and **recycle the used bags** effectively. Additionally, GrainPro wanted **data insights** to help track their environmental impact and measure their progress towards their sustainability goals.

GrainPro sought a comprehensive solution to not only **collect and recycle** their used products but also provide them with **data-driven insights** to prove and improve their sustainability efforts.

### GrainPro had two key requirements:

- **Reliable Recycling Partner:** They needed a partner who could **collect, process, and recycle** their bags to ensure the materials were reused and diverted from landfills.
- **Data Reporting & Insights:** They required comprehensive **data tracking and analysis** to monitor how much waste was recycled and how this contributed to their overall sustainability objectives. This data was crucial for **internal sustainability reporting** and showcasing their environmental efforts to stakeholders.



## SOLUTIONS

### GarGeon stepped in to provide a **holistic waste management solution that addressed both of GrainPro's needs. Our solution included:**

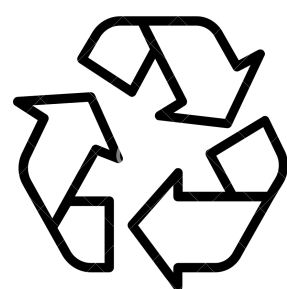
- **End-to-End Recycling:** GarGeon implemented a seamless recycling system for GrainPro's used bags. We handled everything from collection at various sites to processing the materials, ensuring they were responsibly recycled and repurposed. This helped GrainPro maintain their commitment to sustainability and reduced the environmental impact of their products after use.
- **Data-Driven Insights:** In addition to recycling, GarGeon provided **comprehensive data insights** that tracked the amount of bag collected, processed, and recycled. This information allowed GrainPro to **quantify their sustainability efforts**, measure the **reduction in waste**, and report their progress. The insights also helped identify opportunities for further improvement, helping GrainPro take actionable steps toward achieving even greater sustainability goals.

## RESULTS

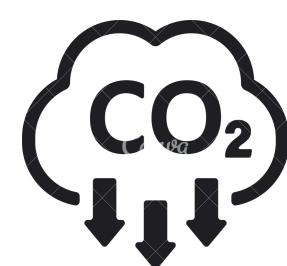
Through this partnership, GrainPro successfully integrated a **closed-loop recycling system** into their operations, ensuring that their products continue to contribute to environmental sustainability even after their initial use. The **data insights** provided by GarGeon gave GrainPro the tools to monitor their progress and make informed decisions for future sustainability initiatives.



Data-driven



Recycled **45.48 tons** of Plastic



save approximately **100 metrics tons of CO<sub>2</sub> emissions**