

Meelunie uses BigMile for reliable CO2 calculations

Meelunie is working with BigMile to take its sustainability goals to the next level. “We want to offer our customers even more insights into the total carbon emissions of our products. The ultimate objective is that they will also help us to think about and achieve our sustainability goals,” says Meelunie’s Jeroen de Waaij.

The business operations of Meelunie, a global supplier of vegetable ingredients such as starches and proteins, have been carbon neutral since 2021. Meelunie has achieved this by structuring and measuring the sustainability initiatives within the organization based on a five-step continuous improvement cycle: measure, define, reduce, compensate and communicate.

Meelunie works with the Greenhouse Gas Protocol, which is the world’s most widely used protocol for calculating greenhouse gas emissions. As sustainability manager at Meelunie, Jeroen de Waaij worked together with his multidisciplinary team called ‘Meelunie Positive Impact’ to first analyze the Scope 1 and 2 emissions of Meelunie’s own business processes. Based on the resulting insights, they could then take steps to reduce them. This, combined with a focus on actively increasing the awareness among colleagues, facilitated Meelunie’s transformation into a visibly sustainable company. Any emissions that cannot currently be reduced are being compensated.

Scope 3

Now that Meelunie itself is carbon neutral, the supplier of vegetable ingredients is focusing on Scope 3: emissions generated by external partners. Using its own CO2 calculator, the company determined that sea transport

makes a major contribution to the total carbon emissions. However, Meelunie’s transport chain consists of more than just sea transport alone. By choosing BigMile, the company has now extended its analysis to all modalities, and pre- and post-transport can also be included in the calculations.

“Using BigMile Carbon Analytics, we can calculate the CO2 emissions of our supply chain partners’ intermodal transport movements. Higher reliability of our measurements will help us decide how best to reduce and offset our emissions,” says De Waaij. “Because most emissions are generated by our supply chain partners, we will actively share the information and engage with them on how we can work together to achieve lower emissions. We strongly believe it is more effective to set up projects to address carbon emissions within our supply chain together with our partners.”

Analyzing CO2 emission scenarios

“We use the BigMile SaaS platform to analyze various CO2 emission scenarios and keep track of our progress. The variations give us insight into how our emissions are reducing and whether we are on track to reach our target of a 50% reduction in CO2 by 2030,” he concludes.



www.bigmile.eu

“Using BigMile Carbon Analytics, we can calculate the CO2 emissions of our supply chain partners’ intermodal transport movements”