

BENEFICIARY: **BORD IASCAIGH MHARA**
PROJECT REFERENCE NUMBER: **19/SPIS/STS002.1**
NAME OF PROJECT: **Sustainable Seafood Processing - Green Seafood
Business Programme**
IMPLEMENTATION PERIOD: **1st January to 31st December 2019**

Project Scope

The Green Seafood Business Programme's main function is to assist seafood processing companies with a resource efficiency management support which reduces costs and improves competitiveness. Consistent with Food Wise 2025, the Green Programme is aligned with Bord Bia's Origin Green Programme and hence assists seafood companies identify potential target areas for improvement in order to develop their Origin Green Sustainability Charter.

Objectives

The Green Seafood Business Programme is targeted at seafood processing companies and has two main objectives:

- To improve the environmental performance of the seafood processing sector and to increase the resource efficiency knowledge of the industry.
- To guide in the reduction of the cost of utilities for seafood processors by implementing improvements throughout their processes in the areas of energy, waste and water usage.

Budget: €80,000

Achievements/Spend

- Water Stewardship: BIM has developed a Water Stewardship support programme aimed at improving water stewardship impacts and practices in the Irish seafood sector. The pilot programme provided a holistic and integrated suite of supports that assists seafood processing clients with technical expertise water management. Four BIM client companies participated in the pilot programme and in 2019, all four sites have made rapid progress along their Water Stewardship journey and have achieved sustainable company-wide improvements in how they use water in their day-to-day operations. As a result, they have been able to increase their water efficiency, and lower their overall environmental impact.
- Origin Green: Bord Bia's Origin Green Programme view the Green Seafood Business Programme as a supporting system to aid the seafood sector to manage and identify their water targets for their Sustainability Charter. BIM developed a specific programme to develop seafood Sustainability Charters with the objective of rolling it out to seafood processing clients in Ireland over the next two years. Third party technical expertise was acquired for the development and support of the programme and its implementation.

- **Anaerobic Digestion:** The ADbag (anaerobic Digestion Bag) project was a study carried out to create value from seafood waste products by testing the feasibility of using a patented system on sludges and fish processing waste to produce biogas and a digestate fertilizer. In 2019, Benton Ecological Solutions & Technology (BEST) undertook an economic feasibility study that gave recommendations for commercialisation. An Economic Assessment took place where costs, revenues and savings were to determine the cost per tonne of processing and whether or not the technology is economically viable.
- **Fuel Transport Costs:** In collaboration with Authentic Energy Management Services, the Green Programme produced guidance on reducing transport fuel costs for processors. An opportunity scorecard was developed to assist processors assess their transport costs and implement improvements. This will be further developed in 2020.
- **High Energy Equipment Identification:** A pilot project was conducted to map the significant energy users on a site. The monitoring of these significant energy users was conducted to help understand usage patterns and to inform future energy reduction projects.

SUMMARY OF SPEND:

Total Approved	
Total Eligible Expenditure	€80,000
Total Drawdown	€80,000
EU – 50%	€40,000
Exchequer – 50%	€40,000

Report by: Sandra Hennessy

Date: May 2020