

BENEFICIARY: BORD IASCAIGH MHARA
PROJECT REFERENCE NUMBER: 19/SFS/ESS006
NAME OF PROJECT: Development of a Seafood Data Centre
IMPLEMENTATION PERIOD: 1st JANUARY -31st DECEMBER 2019

Project scope

This project was created to manage strategic datasets and to identify information projects needed to enhance the competitiveness of the Irish seafood industry. The project been set up to enable the creation of systems that show patterns in terms of seafood production and to identify trends and opportunities for the seafood industry to exploit.

Objectives

A primary objective of this project is to assess industry need and identify initiatives required to address this need. To enable BIM to develop suitable initiatives this project has set out to create a road map for data management and protection and to guide how BIM can strategically approach data to support the development of insight solutions. The project has set out to develop a range of insightful dashboards under the following key headings:

- Regulation
- Price Observatory
- Operator Efficiency
- Labour / employment

The project is tasked with the identification of key strategic datasets and to create systems and processes that generate value from these key data assets. To this end Data Collection Framework (DCF) and Business of Seafood (BOS) data will be centrally managed in a database with web front ends for data entry and analytics generated using modern analytical software. These datasets will be discoverable and will be integrated with other data projects in BIM.

Budget

The projected budget for this project was €150,000.

Achievements / Spend

BIM envisaged this system development project to be delivered in two distinct phases. Phase 1 – Project Discovery – was completed in 2019. The output was a series of technical and functional specification documents that will be used as a blue print for phase 2 of the project which encompasses system development and Implementation. The phase 1 scoping exercise has generated the project specification required for the software development and implementation of the new DCF system. As part of phase 1 a data strategy has been developed that provides a clear vision on how BIM can maximise the use of data for the benefit of the seafood industry in Ireland. Development and population with the Data Centre will be completed during phase 2.

The technical and function specifications identified in phase 1 are as follows:

- Data modelling: The data structures must accommodate the DCF data (data schema)
- Front end design: Design web front end for online data capture
- Implementation: ‘Population’ of DCF data structures with actual data through online data capture process
- Scaling module: Incorporate established algorithms into the DB for scaling up from survey level data to sector level estimates
- Reporting: Design and implement functionality to support mandatory DCF reporting
- Integration: Integration of DCF dataset into data warehouse environment and enable MS Power BI capability. This will involve the analysis of DCF and third-party datasets

The data strategy developed, along with detailed specifications drawn up guided the production of a tender for design of the data centre envisaged for phase 2 that was due to commence in the second half of 2019. However, subsequently following an open tender process, no satisfactory tender was received from the tender process and the main body of work to develop the data centre did not proceed. A decision was made at the end of Q4 in 2019 to re-tender in 2020. Hence the significant underspend.

SUMMARY OF SPEND:

Total Approved	
Total Eligible Expenditure	€150,000
Total Drawdown	€34,440
EU – 50%	€17,220
Exchequer – 50%	€17,220

Report: Ben Dallaghan

Date: January 2020