

Procurement- Data management system (DMS)

The Danish mussel producer, Wittrup Seafood A/S, is partner in the project Baltic Muppets co-financed by EU. In the project Wittrup Seafood are developing a new mussel farming concept, where the mussels are produced on large nets on submerged systems. The mussel farming units are kept approximately 1 m below sea surface by attaching concrete blocks to the lower part of the nets. The upper part of the net is attached to a closed pipe, that keeps the net in an upright position in the water column.

In connection with mussel farming, it is causing a suboptimal production that many production data are insufficiently collected. The crew stands with cold wet fingers and does not note down important observations, or the notes are lost and are not operationalized in an optimal production practice. The consequence is that it takes an inappropriately long time for a mussel producer to get to know a new area and a new production, and that the economic result of the production is not optimized. An app on a tablet, and building EFFICIENT routines, will provide knowledge about production and can optimize processes.

Furthermore, the mussel producers spend a lot of time sending obligate information to several different authorities about the production. A routine in the data management system (DMS) that takes care of this obligation will make the process more efficient.

Value of the procurement is in total 130.000 EUR

Specification of the data management system

The development includes:

- Development of a map specifying data from mussel production, equipment maintenance and resource allocation (manpower, energy, etc.), which should be organized in the data management system (DMS). See Fig. 1 for a preliminary map. The mapping process should include an evaluation of the capacity of staff to provide data to a system:

- Development of a map of information generated from the DMS, e.g. information to authorities and certification bodies.
- Identification of the technical solution for DMS. The technical platform can be based on an existing platform, with some added features, or a new platform.
- Development of a specification of DMS. The specification should include an evaluation of staff capacity to provide data to the DMS and training needs.
- Design and programming of DMS.
- Programming of DMS.
- Test of DMS
- Installation of DMS on the staff's tablets or iPhones.
- Training of personnel in the use of DMS
- Final testing and bug fixes.

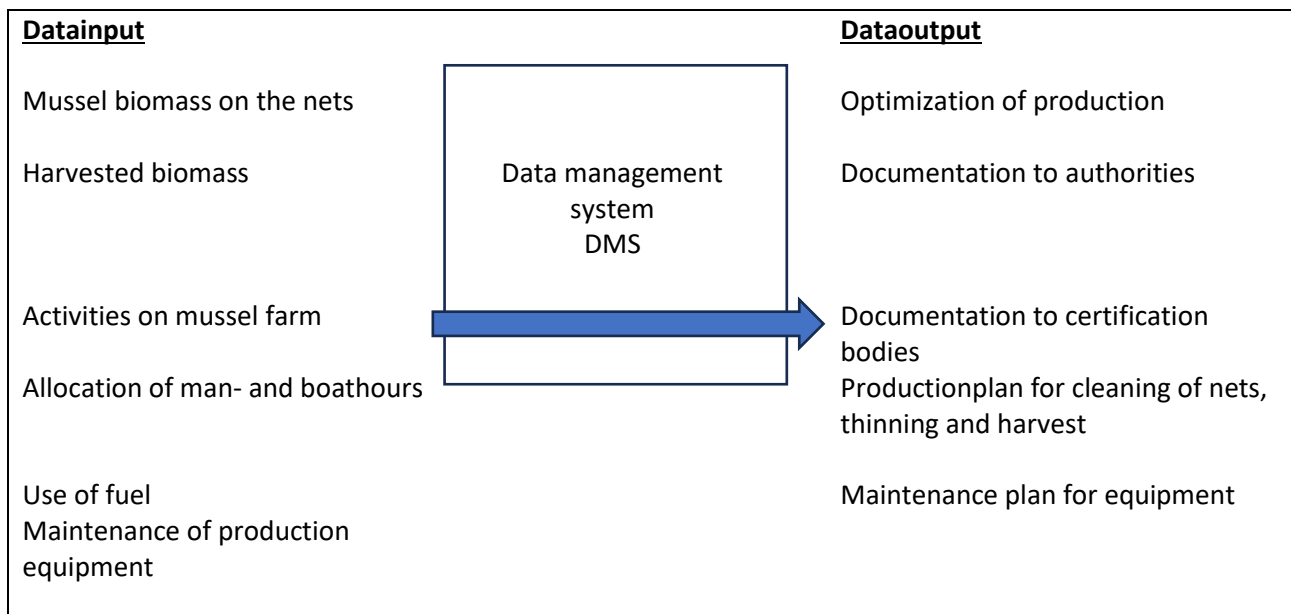


Figure 1 A map of information that should be included in a data management system, and information's, that should be generated from the system.

IPR: Intellectual property right to the design

Wittrup Seafood will have 100% of the IPR to the produced DMS

Evaluation

The best solution according to the specification and price: 40 %

References for similar contracts: 40 %

Time plan for the delivery: 10 %

Organization: 10 %

Questions to the procurement can be forwarded as email to Wittrup Seafood (rasmus@wittrup-seafood.dk) no later than 16st of September 2024 and will be replied no later than 20th of September 2024. All questions and answers will be available on the homepage: www.wittrup-seafood.dk.

Bids should be received no later than 30th of September 2024 at 12:00 AM to

CEO Rasmus Wittrup

Wittrup Seafood A/S

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8700 Horsens

or as mail to

Rasmus@wittrup-seafood.dk

Wittrup Seafood will evaluate the offers no later than 4th of October 2024 and will inform all bidding companies about the outcome of the tender, so a contract can be signed no later than the 10th of October 2024.