

Large-scale demonstration project

## *Blue Transition*

*Low impact fishery in the Skagerrak Sea*





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### *Low impact Fishery in the Skagerrak Sea*

In collaboration with young fishermen in Northern Denmark, the Danish social enterprise *Ocean in Balance* is preparing a large demonstration project, *Blue Transition*, with the **aim** of showing how to develop and expand an eco-friendly, low-impact fishery in the Skagerrak Sea between Denmark and Norway.

The project has succeeded in accomplishing its first **two preparatory steps**:

1. A group of fishermen have established a cooperative community quota company, by means of which the families of the Thorupstrand fishing community have bought up fishing quotas in common. Through the *Thorupstrand Guild of Coastal Fishermen* the families of Thorupstrand are securing the low-impact fishery's possession of a growing part of the marine ecosystem in Skagerrak. Local private supporters, together with *Velux Foundations*, are supporting the financing of the Guild's investment in quotas.
  
2. The local association-owned research and development *Centre for Sustainable Lifemodes* and boat-building yard *Han Herred Sea-Boats (Han Herred Havbåde)* have developed a prototype of a new fishing vessel for a sustainable and low-impact fishery in Skagerrak. The *A.P. Møller Foundation* (Copenhagen) and *Realdania* (Copenhagen) have supported the work of developing the prototype. The yard has just launched the first boat of the new

type. The *Velux Foundations* and *The Obel Family Foundation* (Aalborg, Northern Jutland) have supported the construction project of the first boat.

### ***The Large-Scale Demonstration Project***

The next step is to up-scale the experiences gained into a large demonstration project. The aim of this project is to demonstrate how to build a new and growing fleet of low-impact and eco-friendly fishing sea-boats, thus enabling a new generation of young fishing families to consolidate the foundation of the fishing community and replace heavy bottom-trawling with a sustainable use of the ecosystem of the Skagerrak Sea.



In this way, we aim to broaden our perspective from the local to the global, as we want to demonstrate how the experiences and methods we obtain can be utilized to promote a sustainable development elsewhere. More specifically, we believe that elements of our model can inspire other countries and small-scale fisheries in the world to develop robust, viable communities that make a living out of sustainable fishery, while protecting the sea areas and the natural resources that makes this kind of fishery possible.

In short, we want to contribute to the development of a sustainable basis for fishing communities all over the world – including the countless coastal areas where there is no basis for a fishing harbor.



The prototype was launched in July 2017 as *HM33 Kikani* of Thorupstrand

With the aim of making it possible for young fishing families to invest in the new sea-boats, *Ocean in Balance* will invest in the construction of a series of sea-boats of the new prototype and lease these boats to the young fishing families. The leasing fee will be a percentage of the gross income, in order to secure that the financing of the

boats can adapt to the marine area's own conditions, i.e. to the varying yield of the wild ecosystem. After a leasing period of 15 years, the fishermen who are leasing a boat can buy the boat at a price that represents the remainder of the construction price of each boat. When the investment is paid back to *Ocean in Balance*, the capital will be invested in the construction of yet another new sea-boat for young fishermen. It is possible to construct one sea-boat each year, and so the fleet will experience a constant growth, following the recruitment of young fishing families.

The cost of each new sea-boat is one million euros. The capital need of *Ocean in Balance* to carry through the demonstration project will be 10 million euros.

*Ocean in Balance* is now looking for economic support to carry through the project *Blue Transition* in the Skagerrak Sea.



Films: <http://www.havbaade.dk/havibalance/film/>

<http://en.livsformeribalance.dk/videos/a-sea-of-opportunities/>



## *Blue Transition*

Project partners

*Ocean in Balance*

<http://www.havbaade.dk/oceaninbalance/>

*Centre for Sustainable Lifemodes*

<http://en.livsformeribalance.dk/>

*Han Herred Sea-boats*

<http://www.havbaade.dk/>

*Thorupstrand Guild of Coastal Fishermen* <http://thorupstrandkystfiskerlaug.dk/en/>

Blue Transition contact: [nordstrandconsult@altiboxmail.dk](mailto:nordstrandconsult@altiboxmail.dk)





## Background literature

<http://www.havbaade.dk/thenecessity.pdf>

<http://havbaade.dk/european-fisheries-at-a-tipping-point.pdf>

Dinesen, G., Rathje, I., Højrup, M., Bastardie, F., Larsen, F., Sørensen, T., Hoffmann, E. and Eigaard, O. (2018). Individual transferable quotas, does one size fit all? Sustainability analysis of an alternative model for quota allocation in a small-scale coastal fishery. *Marine Policy*, 88, pp.23-31.

<https://www.sciencedirect.com/science/article/pii/S0308597X1730146X?via%3Dihub>

Gislason, H., Dalskov, J., Dinesen, G., Egekvist, J., Eigaard, O., Jepsen, N., Larsen, F., Poulsen, L., Sørensen, T. and Hoffmann, E. (2014). *Miljøskånsomhed og økologisk bæredygtighed i dansk fiskeri*. DTU Aqua report nr. 279-2014





