



STICHTING  
MASTERPLAN  
DUURZAME  
VISSERIJ



Building a future together

A large flock of seagulls is captured in flight over a vast, blue ocean. The birds are in various stages of flight, with wings spread wide. The central focus is a single seagull in the middle ground, showing detailed feather patterns on its wings and tail. Other birds are visible in the foreground and background, some slightly out of focus, creating a sense of a large, active colony. The sky is a clear, pale blue.

# Objectives

Master Plan for Sustainable Fisheries aims to provide a large-scale preservation and renovation of the Dutch North Sea fisheries. Through an innovative pilot ship and research it should become evident that fishing may face the future by taking its responsibilities. Restructuring of the fishing fleet is necessary because the current fishing vessels make insufficient profit.

A photograph of a fisherman on the deck of a boat. The fisherman is wearing a bright orange jacket and a dark beanie, seen from the back. The deck is cluttered with fishing equipment, including large, tangled orange ropes and a large, light-colored net. The background shows the blue sea and a clear sky. The overall scene is brightly lit, suggesting daytime.

# Assignments

Foundation Master Plan for Sustainable Fisheries monitors the objectives and project progress, managing the available financial resources and the link between entrepreneurs, researchers and government. The foundation is an important interlocutor for the government in relation to innovation in the fisheries sector.

# Ambitions

A large fishing vessel is silhouetted against a vibrant, golden-orange sunset sky. The sea below is a deep, dark blue with white-capped waves. The overall mood is one of hope and ambition.

- Developing a vision for new ways of fishing in the future
- A greatly improved profit
- Maintaining employment
- Significant reduction in CO2 and Nox emissions
- Reduced engine power
- Reducing discards
- Minimal damage to ecosystems.
- Securing sustainable processes.
- Knowledge and entrepreneurship training.
- Developing financing models for fishing companies

# Pilot



Ship: MDV 2015  
Length: 30,2 meter  
Width: 8,5 meter  
Year: 2014  
Engine: 400 KW

- Diesel-electric propulsion electric motor unit with a maximum output of 400 kW, which directly drives a fixed propeller.
- Heat recovery.
- Power management system with which the entire energy system of the vessel can be controlled.
- A revolutionary, fuel efficient hull and superstructure with composite applications.

- Maximum processing on board with an unbroken cold chain and minimizing discards.
- New fishing technique "twinrigpuls", with which both sole and plaice can be caught. In addition, the ship is still fit for normal twin rig and flyshoot fishery.
- The use of many other innovations as LED lighting, solar panels, sustainable anti-fouling, etc.



# Partners

## Fisheries Entrepreneurs

Hendrik Romkes - Wilma BV U194 NG19

Hendrik Kramer - Zeevisserijbedr: Kramer BV UK202

## Main contractors

Hoekman Shipbuilding BV

Padmos BV, Stellendam

## Ries Manager

MKB Adviseurs, drs. J Luchies

## Innovation Manager

Veenstra Fisheries Consultancy dhr. FA. Veenstra

## Advisors

LEI Wageningen UR

Flynth adviseurs & accountants, location Urk

De Olde & Ten Napel consultants



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