

2021

ANNUAL REPORT



Mariahoek 16
3511 LG
Utrecht

+316 30 77 60 30
info@prosea.info
Prosea.info

SUMMARY

In 2021, the world still struggled with the consequences of the covid-19 pandemic. This was not different for ProSea. The outbreak of covid-19 in 2020 had negative consequences for the in-person courses and training, but also triggered the development of blended learning (combination of e-learning modules and live (video) sessions). In 2021 blended learning was applied in various projects and became further developed. Looking back at 2021, ProSea saw the following general developments within the foundation:

- Planning and conducting trainings was **challenging** due to covid-19 restrictions.
- Several trainings and activities were **cancelled** and **postponed**.
- The **demand** for digital forms of training continued to grow.
- Activities for the European Maritime and Fisheries Fund (EMFF) projects '**Vistikhetmaar**' ('I Fish I Knew' in English) and '**Catching the Potential**' had to be cancelled or postponed. We foresee an extension of the project duration.
- Various **blended training** programs have been developed.
- After more than five years, **Jerry Lust** decided to leave ProSea for a new challenge.
- Two new employees, **Tamar Poppelier** and **Isabelle Parqui**, were added to the ProSea team.
- Despite the covid-19 restrictions, ProSea managed to work on several **new, creative projects** like the Marine Environmental Awareness and MARPOL Compliance training for the territory of Guam, a tailor-made training for Bebek, and designing a blended Marine Environmental Awareness Course (MEAC) for the Boskalis dredging division with an onboard training component.

MARITIME SERVICES



Boskalis inquired about the possibility to develop a blended MEAC training with an onboard training component. This way, Boskalis wants to trigger participants of the training to critically discuss the theory of the training amongst the crew and find solutions/opportunities to apply their knowledge onboard. Through a plan, do, check, act approach, Boskalis hopes to successfully make steps in further improving their sustainability performance. ProSea started the development of such a training program. The first pilot is planned for 2022.

ProSea conducted several 'Sustainability Impact Trainings' for Boskalis. The Sustainability Impact Training has been developed together with Boskalis and mainly focus on incorporating social sustainability in the project management of Boskalis' dredging division.



ProSea conducted a blended training for the Sea Ranger Service. Participants went through five e-learning modules and received a one-day classroom training.

Several dedicated MEAC trainings for the Royal Netherlands Navy were conducted by ProSea.





SHIPPING

The North American Marine Environment Protection Association (NAMEPA) and ProSea successfully submitted a proposal to develop a **Marine Environmental Awareness and MARPOL Compliance Training Program for the territory of Guam**. The goal of this program is to educate maritime professionals (including seafarers, fishers, and port leadership including maritime industry-related personnel) about the importance of protecting the marine environment, develop an understanding of the ‘what’ and ‘why’ MARPOL regulations are in place, and the impact of compliance (and non-compliance) on individuals and corporations as well as the global environment.

Bebeka asked ProSea to develop and conduct a dedicated 1-day MEAC training with a special focus on **climate change and air emissions**. As a cooperative for the purchase and sale of fuel for the maritime industry, they were interested in more background information regarding these topics to better advise their clients.



The Port of Rotterdam asked ProSea to develop and organize a dedicated, blended MEAC training for its staff. This training has been developed, but due to covid-19 restrictions the trainings themselves have been postponed to 2022.

Several blended MEAC's were organized for students from maritime colleges STC Rotterdam, Amsterdam University of Applied Sciences and Maritime Institute Willem Barentsz Terschelling.



FISHING

ProSea visited several partners in the EU-project 'Catching the Potential' to prepare the first pilot trainings and build a local network. These included visits to Centre Européen de Formation Continue Maritime (CEFCM France), Bord Iascaigh Mhara (BIM Ireland), Enaleia (Greece) and Novikontas (Latvia). A seminar was organised in IJmuiden, this was the first time all consortium partners came together.

The first actual pilot was conducted in Greece for a group of small-scale fishers. A pilot in Latvia had to be postponed due to covid-19 restriction. For all other partners, first pilot trainings are scheduled in 2022.

Catching THE Potential



The submission of the Netherlands on including sustainability training for fishers in the Standard for the Training, Certification and Watchkeeping for Fishing Vessel Personnel (STCW-F) was further discussed in the meeting of the International Maritime Organisation (IMO) subcommittee on Human element, Training and Watchkeeping (HTW) and in a Correspondence Group.

ProSea assisted and advised the Dutch government about the aspects related to sustainable fisheries training. The work of this Correspondence Group resulted in a proposal for the new STCW-F that will be discussed further in 2022.

A study was conducted on behalf of Rijkswaterstaat (part of the Dutch ministry of Infrastructure and Water Management) on the impact of the revised STCW-F standard on the training of fishers in the Netherlands.

FISHING

Knowledge platform '**Vistikhetmaar**' ('I Fish I Knew' in English) continued to grow in terms of users and in terms of content.

Several activities were organized in 2021, like an introductory session about the Dutch fishing industry for (newly) elected members of the House of Representatives, another training session for young, high potentials in the fishing industry, and a digital event on selectivity, big data and safe working conditions for the crew.



The Fishing with a future training was conducted for fishery students from Regional Education Centre (ROC) Friese Poort Urk and Shipping and Transport College (STC) Stellendam. This training was also scheduled for Maritiem Instituut Mercator in Belgium, but this training had to be postponed due to covid-19 restrictions and is rescheduled for May 2022.

ProSea developed and tested an e-learning module on solid waste for fishers at ROC Friese Poort Urk and ROC Kop van Noord-Holland with industry partners VisNed and Nederlandse Vissersbond and environmental organization KIMO.

ProSea has been approached by government officials from Ghana to develop and conduct a sustainable fisheries and aquaculture training. A training program was developed together with the Zone College (Zwolle). This training is planned to take place in the Netherlands in 2022.



PROSEA 2021

There have been various changes within the ProSea team in 2021. After more than five years, Jerry Lust decided to leave ProSea for a new challenge. Two new employees, Tamar Poppelier and Isabelle Parqui, joined the team. Tamar has a bachelor's degree in biology, a master's degree in Freshwater and Marine Biology and a passion for sharing knowledge and raising awareness. She will mainly assist in the fishery related projects of ProSea and as a course leader. Isabelle has a bachelor's degree in Communication and Media and a master's degree in Business Administration in Entrepreneurship and Innovation and is passionate about the ocean. She will mainly work on developing e-learning training modules and in further developing the communication and marketing strategy of ProSea.

Furthermore, the well-functioning and complementary team consists of Tim Haasnoot (director), Thomas van Schie (financial manager) and Roos Swart (project manager and course leader), who are employed by ProSea. Erik Bogaard is still working on various ProSea projects on a contract basis from Canada.



INTERNATIONAL AMBITIONS

Promising steps were taken in 2021 to reach ProSea's ambition to expand its activities internationally to reach more marine professionals and inspire them through training to take their responsibility in the transition to a sustainable maritime sector. Through our sustainability trainings, by stimulating the uptake of sustainability training in the international training requirements of marine professionals and by acting as a knowledge broker between governmental institutions, science and maritime sectors, ProSea has lived up to its vision and made considerable progress in reaching its mission.

PROJECTS 2021

Maritime Services

- Six dedicated MEAC trainings for the Royal Dutch Navy
- Development of a dedicated, blended MEAC training for Port of Rotterdam staff
- Ten Sustainability Impact Trainings for Boskalis dredging staff
- One dedicated, blended MEAC for the Sea Ranger Services

Shipping

- Development of e-learning modules as part of Marine Environmental Awareness and MARPOL Compliance Training Program for the territory of Guam
- Blended MEAC training for Amsterdam University of Applied Sciences
- Five blended MEAC trainings for students of STC Rotterdam
- One blended MEAC training for students of Maritime Institute Willem Barentsz Terschelling
- Revision and update of the Training Handbook for the state of Massachusetts which was developed for the National Fish and Wildlife Foundation (NFWF) Grant awarded to NAMEPA
- Feedback on a factsheet from the North Sea Foundation on 'Sea friendly containers'

Fisheries

- One 'Fishing with a future' training for fishery students from ROC Friese Poort Urk
- One 'Fishing with a future' training for fishery students from STC Stellendam
- Development of educational material around fish welfare as part of the Top consortium for Knowledge and Innovation (TKI) project 'Stunning captured wild sea fish for better animal welfare'
- Study on the impact of the revised STCW-F standard on the training of fishers in the Netherlands
- Development and test of an e-learning module on solid waste in fisheries
- Stichting Sectorraad Visserij
- Management of Vistikhetmaar-platform and governance structure
- Participation in the TKI-project 'Knowledge from shelf to practice: selective fisheries and sustainable management'
- Participation in EMFF-project 'Onderzoekssamenwerking (OSW) 2.0' (Science cooperation 2.0 in English)

EU-project Catching the Potential:

- Visit to CEFCM (France), BIM (Ireland), Novikontas (Latvia), Enaleia (Greece) to prepare first pilot and build local network
- First pilot training in Greece with Enaleia
- Development of training material for all partners
- Organisation of first seminar for all project partners and other educators/relevant stakeholders in Ijmuiden (Netherlands)
- Presentation about Catching the Potential at the 8th Atlantic Stakeholder Platform Conference in Dublin
- Update of the Implementation plan

EMFF-project 'Vistikhetmaar':

- Introductory session about the Dutch fishing industry for (newly) elected members of the House of Representatives
- Development of three new 'Kennisdossiers' (knowledge files) about sustainable fishing vessels, fish welfare, and resilience to crime
- Training session for young, high potentials in the fishing industry ('Tussen Schip & Wal' course)
- Technical upgrade and expansion of the Vistikhetmaar-platform
- Digital event on the theme's selectivity, big data and working and safety conditions for the crew
- Development of new teaching material around marine governance ('Regels op zee')