

# 2022 ANNUAL REPORT



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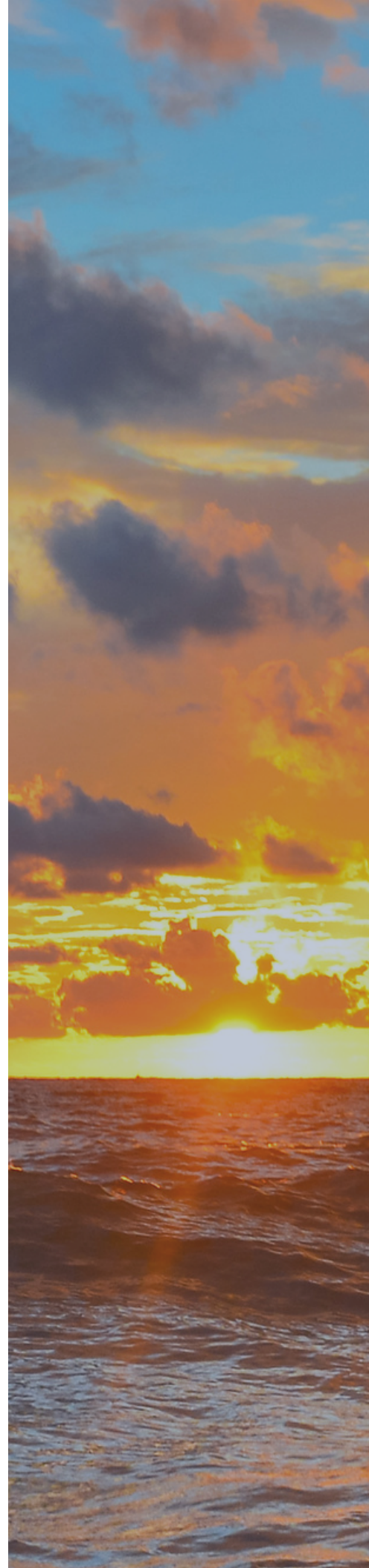
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# SUMMARY

In 2022, the world started to return to 'business as usual' after the covid-19 pandemic. As a result, ProSea was able to catch up with a lot of in-person training and with the organization of several events that were postponed because of covid-19. Despite resuming business as usual, blended learning (a combination of e-learning modules and live (video) sessions) and remote working have remained part of ProSea's way of working. Looking back at 2022, ProSea saw the following general developments within the foundation:

- **Most in-person training and events that were initially postponed due to covid-19 restrictions were caught-up.**
- **Digital forms of training and working remained even though many organisations returned to business as usual.**
- **Various blended training programs were successfully launched.**
- **ProSea managed to work on several new, creative projects with new clients and partners.**
- **Nino van Hees from the University of Groningen conducted an internship at ProSea focussed on the cruise industry.**



# MARITIME SERVICES



A blended MEAC training with an onboard training component was developed for the Boskalis offshore fleet. For the first pilot, the crew of the selected vessel will go through several e-learning modules, followed by several toolbox meetings on board. During these toolbox meetings, the crew will discuss the various challenges presented in the e-learning modules and is challenged to find fit-for-purpose solutions onboard their respective vessel. After finishing the e-learning modules and the toolbox meetings, various crewmembers will be invited to attend a 1-day workshop to share their ideas from the toolbox meetings and to trigger the implementation process of solutions to make the fleet of Boskalis more sustainable. The first pilot is scheduled to take place in february 2023.

ProSea conducted several 'Sustainability Impact Training' for the dredging division of Boskalis. These pieces of training were positively evaluated and triggered Boskalis to also investigate the incorporation of this training for the offshore division. Several meetings were held with staff members of the offshore division to adjust the content of the training to their needs. We expect to conduct the first 'Sustainability Impact Training' adjusted for the offshore fleet at the start of 2023.



# MARITIME SERVICES



Boskalis is involved in the construction of an offshore wind farm in Fecamp (France). As part of this project, Boskalis wanted to produce a Marine Environmental Awareness video around this project. ProSea was approached to write a script and coordinate the production of this video. The video was finalized in 2022 and is used to provide project staff and other relevant stakeholders with some basic knowledge of the potential environmental and social sustainability challenges of this project, along with an outline of several mitigation measures taken to address these challenges.

Several pieces of ‘Sustainability Impact Training’ were organized for trainees of Boskalis. ProSea was also asked to organize a ‘Sustainability Team Day’ for trainees of Boskalis.

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Several dedicated MEACs for the Royal Netherlands Navy were conducted by ProSea. A contract was signed to provide six MEAC training annually for a period of at least five years.



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





# SHIPPING

The **North American Marine Environment Protection Association (NAMEPA)** and ProSea successfully developed dedicated e-learning modules around Marine Environmental Awareness 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. A pilot training is scheduled for 2023 and will take place in Guam.

**Amasus Shipping BV** approached ProSea to develop dedicated MEAC training for their onshore personnel. A series of dedicated MEAC was conducted at Amasus and challenged onshore staff to critically assess and discuss the company’s sustainability activities and challenges. This is all to provide input for potential steps that could be taken in the future to improve the company’s sustainability performance. This trajectory was assessed positively, and a meeting will be scheduled in 2023 to discuss how to incorporate offshore personnel.



**The Port of Rotterdam** asked ProSea to develop and organize a dedicated, blended MEAC training for its staff. This training was developed in 2021, but due to covid-19 restrictions, the training had to be postponed to 2022. Luckily it was possible to provide the first pilot training this year. The Port of Rotterdam already started planning additional training in 2023.



# SHIPPING

Several (blended) MEACs were organized for students from maritime colleges STC Rotterdam, Amsterdam University of Applied Sciences, STC Zwolle and the Jade Hochschule in Germany.



ProSea was approached by the Rotterdam University of Applied Sciences to develop training around 'Ocean Management' for their master 'Shipping and Transport'. This training consists of the MEAC training in combination with an assignment for students around a case study. Examples of cases concern 'Deep Sea mining', 'Claim on the Arctic', 'Abandoned Ships' and 'Competition in Policy'. This new training was a success, and a contract was signed to conduct two more training in 2023.



**ManProLog** approached ProSea to provide another MEAC training for one of their clients in South Africa. However, after discussing the various options, both parties concluded that a train-the-trainer approach would be more sustainable. As a result, two trainers were selected by ManProLog to follow a blended MEAC training in combination with a digital train-the-trainer program. These trainers are now certified to provide the training themselves using the training content and approach of ProSea. This cooperation will be evaluated annually and trainers from ProSea will assess at least one training per year from each trainer to ensure the quality of the certificate. So far, these certified trainers have conducted two MEAC training in South Africa.

In the past, ProSea and **Damen Shipyard** discussed opportunities to cooperate. These talks were resumed in 2022. Damen Shipyards has asked ProSea to provide two MEAC training for their clients. The collaboration went well and new training will be scheduled in 2023.

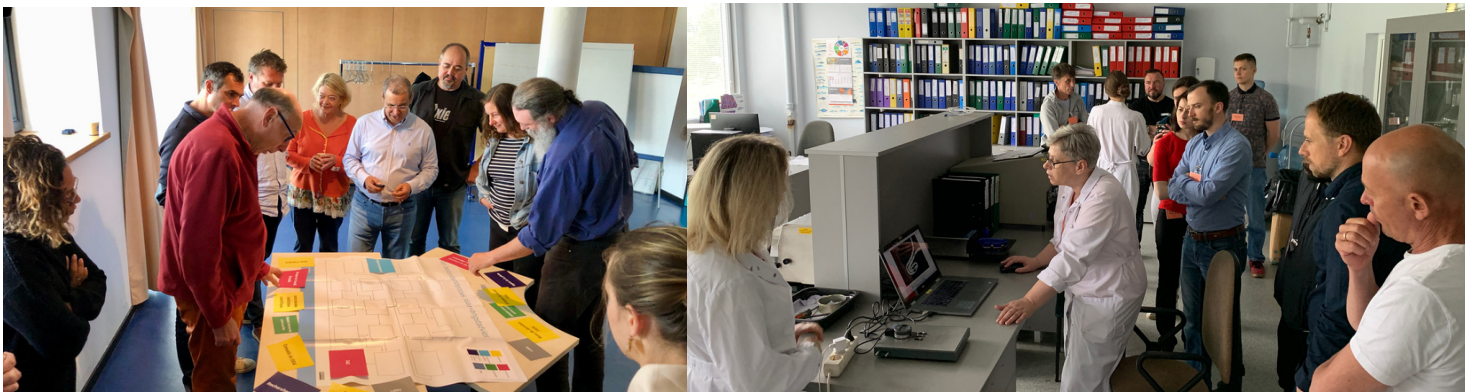




# FISHING

ProSea was finally able to conduct the first pilot training in most countries within the EU-project 'Catching the Potential'. In cooperation with CEFCM (France), BIM (Ireland), Enaleia (Greece), BBZ (Germany) and Novikontas (Latvia) we prepared and conducted the first pilot training. In Spain and Greece, we even managed to conduct a second pilot with CETMAR and Enaleia. Trajectories to work towards structural implementation of sustainable fisheries training within these countries have started, which involves the inclusion of a broader set of stakeholders in each of these countries. Only the Azores is still waiting for the first pilot. This pilot is scheduled for March 2023.

## 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 IMO HTW subcommittee. No changes were suggested on the parts related to the submission, so it is unlikely that anything will change.

However, there was still a lot of work on other parts of the STCW-F text. As a result, more work had to be done on the texts in 2022 by the Correspondence Group. New texts will be discussed during the HTW meeting in 2023. Hopefully, the text will be ready to be assessed by the Maritime Safety Committee in 2023, after which the revised STCW-F can enter into force in 2024.

# 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 2022, like the first edition of the National Fisheries Knowledge Day (‘Nationale Kennisdag Visserij’ in Dutch, +/- 130 visitors from industry, science, policy and NGO’s). We also organized a training session for young, high potentials in the fishing industry (‘Tussen Schip & Wal’ course), launched a podcast series (‘Even droogvallen met...’), and created/updated the teaching material (e.g., ‘Aquaculture’) and knowledge files (e.g., the effect of climate change on the ocean and life within it). In total, about +/- 29.000 visitors used the platform.



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 OSPAR recommendation concerning the training and education of fishers. This was also discussed with the OSPAR members during a webinar on the training of fishers. Next to this trajectory at OSPAR, ProSea was asked to organize a roundtable discussion for the Dutch governmental institution that (will) play a role in the training of fishers and industry representatives. During this roundtable discussion, it became clear to the various parties how the training of fishers is structured in the Netherlands. Additionally, the implications of the various developments at the IMO (STCW-F), OSPAR (recommendation) and the CTP-project (EU standard on sustainable fisheries training) on the training and certification of fishers in the Netherlands and Europe were discussed.



# FISHING

ProSea provided a 'Fishing with a future' training at STC Stellendam and STC Katwijk for their fishing students.



The 'Fishing with a future' training for Maritime Institute Mercator (fishing school in Belgium) finally took place, after having been postponed several times due to covid-19 restrictions. Next to conducting the training, ProSea also talked with stakeholders from policy, science, industry, and education about the structural implementation of this training in Belgium. All parties agreed that the training was of added value for their students since it covers a lot of topics that are relevant to the future of the fishing industry and fishers. After analyzing the various options for structural implementation, parties chose the option to hire ProSea every two years to provide the 'Fishing with a future' training. The industry itself will pay for the training from the Sea fishing fund (Zeevissersfonds).

ProSea co-organized the masterclass 'Entrepreneurship in the Blue Economy' (masterclass 'Ondernemerschap in de Blauwe Economie' in Dutch) together with Wageningen University and ROC Friese Poort. This masterclass consisted of six evening sessions and a one-day excursion. During the masterclass, several experts talked about the latest insights and developments concerning the blue economy in relation to food production at sea. Participants highly appreciated the masterclass and a proposal has been submitted to organize a second masterclass in 2023.



EMFF-project 'Onderzoekssamenwerking (OSW) 2.0' ('Science cooperation 2.0' in English) was finalized in 2022. ProSea was involved in the organization of a final conference of this project at the Holland Fisheries Event.

# PROSEA 2022

There have been no changes within the ProSea team in 2022. The well-functioning and complementary team consisted of Tim Haasnoot (director), Thomas van Schie (financial manager), Roos Swart (project manager and course leader), Tamar Poppelier (project manager and course leader), and Isabelle Parqui (project manager) who are employed by ProSea. Erik Bogaard is still working on various ProSea projects on a contract basis from Canada.

Changes for the ProSea team are expected in 2023. After 1,5 years at ProSea, Isabelle Parqui has decided to leave ProSea. Although she fully embraces the mission and vision of ProSea, she decided to pursue a different direction for her career. We want to thank her for all her hard work for the foundation and wish her all the best for the future.

Promising steps were taken in 2022 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 2022

## Maritime Services

- Five dedicated MEACs for the Royal Dutch Navy.
- Three times Sustainability Impact Training for Boskalis trainees.
- One theme day around sustainability for Boskalis trainees
- Production of one Marine Environmental Awareness video for the Fecamp offshore wind project
- One dedicated, blended MEAC for the Sea Ranger Services

## Shipping

- Four dedicated MEACs for Amasus Shipping BV
- Two dedicated MEACs for Damen Shipyards
- Finalisation 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
- One dedicated blended MEAC for the Port of Rotterdam staff
- One 'Ocean Management' training for students from the master 'Shipping and Transport' of the Rotterdam University of Applied Sciences
- Eight (blended) MEACs for students of STC Rotterdam and STC Zwolle
- One MEAC training for students of the Jade Hochschule (Germany)
- One blended MEAC training in combination with a train-the-trainer program for ManProLog (South Africa)

## Fisheries

- One 'Fishing with a future' training for fishery students from STC Katwijk
- One 'Fishing with a future' training for fishery students from STC Stellendam
- One webinar for OSPAR members on the effects of the revised STCW-F standard, progress on the EU standard on sustainability training for fishers and the implication of these developments on the OSPAR recommendation concerned the training and education of fishers
- One roundtable for Dutch governmental institutions that (will) play a role in the training of fishers and industry representatives about developments around STCW-F, OSPAR, CTP and the implications for the Netherlands
- Stichting Sectorraad Visserij
- Management of Vistikhetaar-platform and governance structure
- Participation in EMFF-project 'Onderzoekssamenwerking (OSW) 2.0' (Science cooperation 2.0 in English)
- Co-organization of the 'Masterclass Entrepreneurship in the Blue Economy'

## EU-project Catching the Potential:

- First pilot in France, Ireland, Latvia, Germany
- Second pilot in Greece and Spain
- Development of training material in English, French, German, Spanish and Greek
- A first draft of an EU standard on sustainable fisheries training

## EMFF-project 'Vistikhetaar':

- Development of three new 'Kennisdossiers' (knowledge files) about climate change (launched), Nitrogen emissions (planned for 2023), and political decision-making (planned for 2023)
- Development of new teaching material on 'Aquaculture'
- One training session for young, high potentials in the fishing industry ('Tussen Schip & Wal' course)
- One National Fisheries Knowledge Day for Dutch fisheries stakeholders