



December 2018

ANNUAL REPORT

Dear members, dear friends of the environment!

Instead of the usual newsletter about the past three months, we this time are offering an annual report of 2018.

For One Earth - One Ocean e.V. 2018 was marked by a whole series of highlights, both with regard to the further development of the concept of "Marine Litter Cleanup" and with regard to the professionalisation and awareness of the organisation OEOO and its fields of activity.



But of course we also suffered setbacks in 2018: our SeeKuh tour to the plastic waste hotspots in Asia was not as successful as we would have wished. A planned tour to several Asian destinations turned into "only" a 9-month stay in and around Hong Kong due to a lack of sufficient funds and sponsors. We underestimated the mentality of the Asians, who do not offensively address environmental problems, for fear of losing face. In addition, OEOO has been not able to organize and carry out such a tour without a professional team of one's own on site. Our Cambodia waste project is doing very well, because there are already grown structures of our partner COMPED.

As pleasing as the growing interest in the work of OEOO is, it also requires professional structures and processes that are slowly emerging. Example: Member administration. But we are not WWF or Greenpeace and therefore do not have their manpower and financial means, but we are still a small but fast growing association.



In June, for the first time, marine plastic waste collected and sorted by us was successfully converted into oil at our partner Biofabrik in Dresden. Since spring the development team of the SeeElefant around Dr. Harald Frank has been making the idea of a waste recycling ship more and more reality. Our new office in Kiel with an attached laboratory is the centre of practical work - the SeeKuh is now also anchored there. The headquarters in Munich, on the other hand, is responsible for administration and communication.

The media coverage and thus the visibility of OEOO increased steadily in the past year. The "Rose of Charity" celebrity regatta in front of Croatia, which had the topic of marine waste on its banners and focussed on OEOO, can certainly be taken as an example. ARD and Focus Online reported several times and in detail about the association and its work. Equally important was the article in BRIGITTE (online + print) on OEOO, which reached a readership of several million. This also increases the willingness of private individuals and companies to support OEOO and donate to the projects.



Without its numerous active members, especially in and around Kiel, OEOO would not be so agile and also not so well known. They showed their colours at various events throughout the summer: from the Kieler Woche and the "Tag am Kai" in Kiel-Holtenau to the Munich Tollwood-Festival and wetter.wasser.waterkant in autumn in Hamburg's Hafencity. Many thanks for that!

What's up in 2019? The project planning for the SeeElefant will be continued as well as the Cambodia project. Some members will travel to Battambang/Cambodia at the beginning of the year 2019 to see the project on site and to help.

Please have a look to this brief overview of our activities over the last 12 months. Have fun reading. We are happy to answer your questions and look forward to your suggestions and active support.

I wish all of us a Merry Christmas and a healthy and successful 2019. May our fight against plastic waste be successful despite some setbacks.

Yours
Günther Bonin & Team

Our activities in 2018

January:

- In Kiel-Wellingdorf, the new OEEO office incl. laboratory for water analysis opens
- OEEO is nominated for "ocean tribute" Award 2018
- While Günther is leaving for Hong Kong with a 5-person team for SeeKuh, another dedicated team presented the work of OEEO and our research in the field of microplastics at boot 2018 in Düsseldorf.
- The new SeeHamster 4 for the cleaning and environmental education project in Cambodia is completed and approved by the German Technical Inspection Agency (TÜV)

February:

- At a reception at the Maritime Museum in Hong Kong, Günther presents the concept of the Marine Litter Cleanup to over 100 invited guests, including the actress Katja Riemann. She later also visits SeeKuh.
- Joint beach cleaning activities with two environmental groups in Hong Kong

March:

- Official start of the cleaning and environmental education project in Cambodia
- SeeKuh on cleaning tour in the waters off Hong Kong

April:

- Günther presents the work of OEEO at a regatta on Mallorca/Spain and in the Singapore Yacht Club
- Günther travels on to Battambang/Cambodia to start the cleaning, recycling and environmental education project
- Students of OceanCollege collected daily water samples for the Microplastic Pollution Map during their six-month journey across the Atlantic since last autumn.
- Participation of OEEO at the "Earth Day 2018: End Plastic Pollution"
- OEEO is now an official partner of the UN environmental campaign #CleanSeas.



SeeKuh in front of the skyline of Hong Kong



SeeHamster 04 in action in Cambodia



Big yield for the SeeKuh off Hong Kong



Günther with Katja Riemann at the reception in Hong Kong



Beach Cleaning in Hong Kong

May:

- The new film of our sponsor CD Körperpflege about OEEO and the work of the SeeKuh in Hong Kong goes online on YouTube
- Bettina gives her lecture at the Carlo-Schmid-Oberschule (Carlo-Schmid High School), which was awarded the title "Berliner Klima Schule". Bettina's school lectures on the subject of plastic waste in oceans are recommended by BLLV - the Bavarian Teachers' Association in Munich.
- OEEO members meeting 2018 in Kiel: Besides the exchange of information, the planning and the visit of the new office and laboratory, the pleasure was not neglected...;-)
- OEEO is co-organizer of the "Munich Plogging Mob" (garbage collection campaign) in the English Garden. Further Plogging Mobs in cooperation with OEEO took place in June, July and October.

June:

- For the first time, marine plastic waste was successfully transferred into oil in the plants of our partner Biofabrik from Dresden. The technology is based on the depolymerisation process, i.e. thermodynamic processes dissolve the chemical compounds of the plastic and convert them back into their liquid form. For Günther Bonin and his team, this is a dream come true that they have been working on for the last eight years.
- The "Rose of Charity" celebrity regatta sails a week for and with OEEO off Croatia, ARD reports several times on OEEO
- Development of the SeeElefant is picking up speed
- Our team in the north is very active: from „Tag am Kai“ to „Kieler Woche“ numerous events take place in cooperation with OEEO
- Claudia Klein joins the OEEO team as further spokeswoman and contact person for the media
- OEEO can now also be found on Instagram. By the end of the year, we will break through the 700 followers barrier and reach a young target group.

July:

- Information booth at the summer festival Tollwood in Munich
- One week OEEO Info booth at Kieler Woche
- Günther Bonin in portrait in the series "Mein neues Leben" in ARD Buffet (German TV)

August:

- In August we launched a thematic focus on "Plastic waste in the oceans" together with the donation portal betterplace.org. The echo was enormous and totally surprised us: within a few days several 1,000 Euro donations were received by OEEO.
- At the end of August the SeeKuh returns to Kiel by container ship after 9 months in Hong Kong and surrounding.
- OEEO with booth at "Tag am Kai" in Kiel-Holtenau
- The OEEO logo gets a Fresh up
- Films about OEEO on Focus Online and ARD Brisant



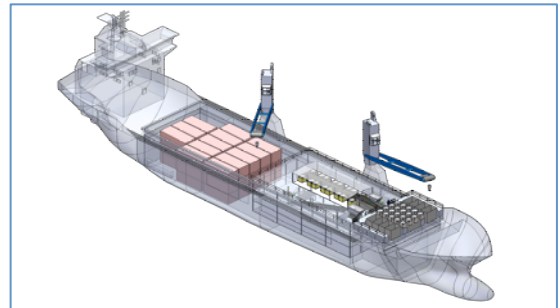
Animation for the Marine Litter Cleanup



For the first time oil from marine plastic waste



The „Rose of Charity“ Team, 16 yachts



„SeeElefant“ as construction drawing



SeeElefant project team with Günther Bonin

The OEFO fleet continues to develop

Our multi-stage concept of "marine litter cleanup" provides for plastic waste to be collected by special waste collection ships in coastal waters and inland waters worldwide and subsequently recycled or converted into oil. Three different types of ships are planned. While the SeeHamster is a garbage collection vessel for inland waters and estuaries, the SeeKuh collects in the coastal area of oceans. SeeElefant is a large waste processing ship. The converted multi purpose ship has facilities on board for sorting, crushing and processing marine waste. Plastic is either recycled or oiled directly on board.

SeeHamster:

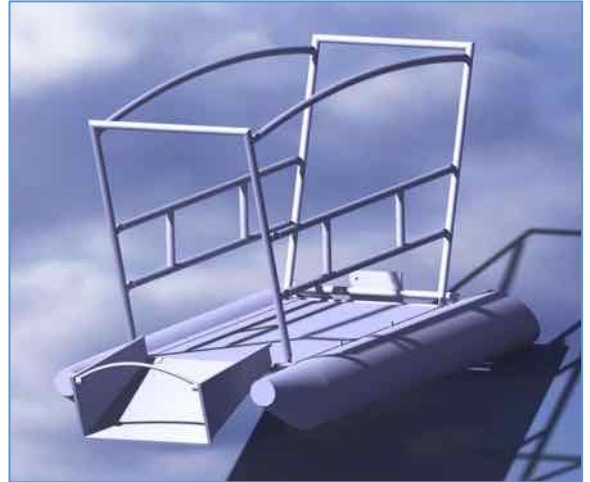
- Completion of the SeeHamster 04 for the cleaning and environmental education project in Cambodia, TÜV acceptance in January 2018, transport of the ship to Battambang in spring 2018.
- Since summer 2018 the ship is motorized and running on the Sangkai River (tributary to the Mekong) in cleaning operation.
- The SeeHamster has meanwhile been further developed and will be ready for series production at the turn of the year 2018-19 in version 05: instead of air-filled rubber hulls, it is made entirely of aluminium, and instead of a net construction, there is a perforated ramp as with model 04.
- This type is intended for use in the canals of Bangkok/Thailand.

SeeKuh:

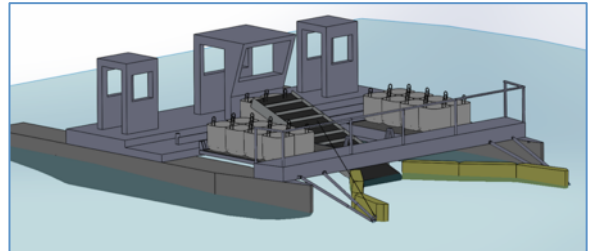
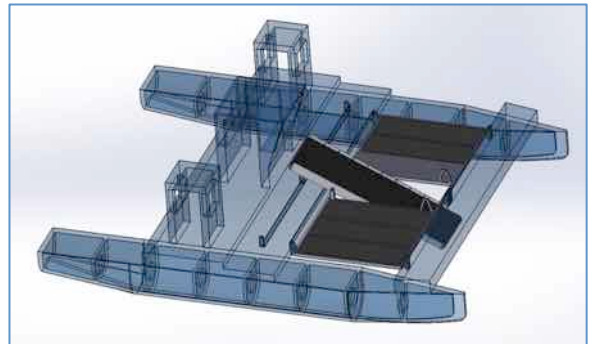
- Transport of the dismantled SeeKuh to Hong Kong by container ship at the turn of the year 2017-18
- After being assembled in January 2018 and applying for permits for Hong Kong, it was on site until the end of July. Demonstrations, discussions, search for sponsors, media coverage and CD filming. SeeKuh is visited by numerous environmental groups and school classes.
- Further stations in Asia must be cancelled due to uncertain financing
- In September 2018 the SeeKuh returns to Kiel. Since then numerous trips with TV filming crews (ARD, MDR, ntv, ZDF).
- Until spring 2019, SeeKuh will be maintained, further developed and rebuilt.
- As an alternative to the net construction, a conveyor belt will transport the waste directly on board, where it can be sorted. Float gauges direct the plastic waste onto the conveyor belt.

SeeElefant:

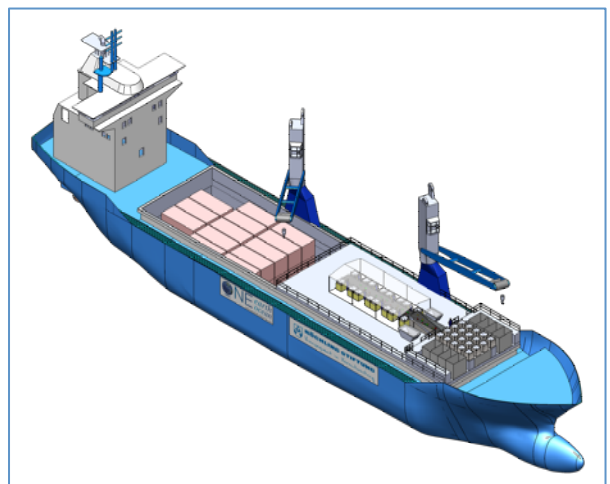
- In spring 2018, a project development team consisting of ship designers, plant technicians, environmental technicians and project developers, financed by our sponsor Röchling Foundation and led by Dr. Harald Frank, started its work in Kiel on the planning implementation of the first SeeElefant.
- The converted multi-purpose-ship is to have facilities on board for sorting, crushing and processing marine waste. Plastic will either be recycled or transferred into oil directly on board. Organic residues and wood are to be converted into biogas or thermally recycled.
- The initial target is a processing capacity of 20 t/day. In further expansion stages, this system will also be developed for commercial operators with up to 200 t/day.



Construction sketch of the SeeHamster 05



Conveyor belt technology on SeeKuh



Sorting plants and storage containers on SeeElefant