



October 2018

NE *earth ocean* **NEWSLETTER**

Dear members, dear friends of environment!

The summer months are sometimes a little calmer due to the holiday season. But this was not the case for OEOO this year. The news of the successful conversion of maritime plastic waste into oil in June met with great media interest. Focus Online and ARD Brisant also presented the "Rose of Charity" regatta, which focused on OEOO and marine waste, in detail on several occasions.

In August a thematic focus on plastic waste in the oceans was launched together with the donation platform betterplace.org. The echo was enormous and totally surprised us: within a few days 20.000 Euro were donated to OEOO. Thank you very much once again for that! Our donation page can be reached at www.maritime-muellabfuhr.betterplace.org

End of August the SeeKuh returned to Kiel after 9 months in Asia, most of it near Hong Kong, and was reassembled at record speed by our construction team around Jan, Rüdiger and Rainhard. Meanwhile it is located at a fixed berth at the Fischmarkt in Kiel-Wellingdorf, where the office and laboratory of OEOO are also located.

During the summer months the OEOO team was very active and showed their colours at various events: from the Kieler Woche and the Munich Tollwood-Festival to the "Tag am Kai" in Kiel-Holtenau and the wetter.wasser.waterkant recently in Hamburg's Hafencity. There was a great interest in our work.



We wish you all a sunny autumn and look forward to you remaining loyal to us. Avoid plastic wherever possible!

Günther Bonin and his team



SeeKuh returns to Kiel

The SeeKuh, which had been on the road in Hong Kong since the end of last year and had been used there for cleaning and information events on waste avoidance and environmental protection. In July it was dismantled and sent back to Germany, where it arrived at the end of August. In the Lübeck shipyard LHG Jan and his team assembled the ship again in only three days. The transfer to Kiel then took place at the beginning of September.

The reason for the return was that the financial imponderables in the Asian countries had simply become too great. In addition, the SeeKuh has no crew of its own to take care of the operation on site. Therefore, OEOO decided to end the SeeKuh's tour through Southeast Asia. The SeeKuh is now supplemented by further technical possibilities to remove garbage from waters. In 2019, it will mainly be on its way in the Baltic Sea to clear up and collect garbage.

OEOO at wetter.wasser.waterkant

OEOO was represented this year at wetter.wasser.waterkant, the educational program for Hamburg schools from 17th to 21st September in Hamburg's Hafencity. With its own stand OEOO draw attention to the plastic waste problem and our association.

As part of the program, we conducted workshops with students on water analysis from the Elbe. The pupils were allowed to take the Zodiac out onto the Elbe, take water samples, prepare and analyse them. The TV station Hamburg 1 reported.

Donations Account:

One Earth – One Ocean e.V.

IBAN: DE47701633700004110870

BIC: GENODEF1FFB

Volksbank Raiffeisenbank Fürstentfeldbruck

Donations receipts are available for amounts of €200 and more. For donations of less than €200, your statement of account is accepted by the (german) tax authorities..

Our activities

July 2018:

- Information booth at the summer festival Tollwood in Munich
- OEOO information booth at Kieler Woche
- OEOO was partner at the Munich Plogging Mob (jogging and collecting garbage) in the English Garden/Munich
- Günther Bonin in portrait in the TV series "My new life" in the ARD Buffet

August 2018:

- OEOO booth at the "Tag am Kai" in Kiel-Holtenau
- All about plastic waste at the tombola of the travel agency FTI generates 1,400 euro for OEOO
- The OEOO-Logo gets a Fresh up (see above right)
- Films about OEOO on Focus Online and ARD Brisant

September 2018:

- "Marine Litter Round Table" of the German Federal Environment Agency
- Günther Bonin as speaker on the Seadevcon 18 in Hamburg
- OEOO at wetter.wasser.waterkant in Hamburg
- Article about OEOO in the Berliner Zeitung and the special interest magazine Laborpraxis
- Meanwhile more than 300 followers and more than 1,000 hits per week on our Instagram account
- TV production company Endemol Shine with charity flea market for OEOO

OEOO at the Marine Litter Round Table

OEOO participated in the Round Table on Marine Litter, which is organised by the Federal Environment Agency and brings together a wide range of participants from all over Germany. Here the national proposals for measures against marine litter are discussed and concrete procedures for their implementation are developed and coordinated.



The SeeHamster 4 in Cambodia

It took a while for the SeeHamster 4 to be fully operational on the Sangkae River in Battambang, but it is now regularly on the move on the river. The SeeHamster serves as a new concept waste collection ship for our Cambodian cleaning project. Instead of nets, this model has a ramp made of perforated aluminium, which can be lowered into the water like a loading shovel and used to pick up the waste. It is then sorted directly on board. In mid-September, four Cambodian governors took the SeeHamster on the Sangkae River for a test run to see for themselves how efficient the waste collection ship is.



News from the OEOO Laboratory

Since this year there is not only an office of OEOO in Kiel, but also our laboratory in which Dr. Rüdiger Stöhr and his team analyse water samples for microplastics. For this purpose, the organisation now owns two complete sets of equipment that enable it to carry out flexible plastic analyses both stationary and on the move. The focus is on infrared spectrometers from PerkinElmer, which can be used to identify plastics in water.

One set of equipment, for example, is currently being used for six-month trips across the Atlantic in the school project Ocean College. During the entire trip, water samples are collected daily from the students and analyzed directly on board.

All analysis values - not only those of Ocean College, but also those of the shipping company OPDR - are finally incorporated into the "Microplastic Pollution Map" of OEOO. This is interactive and can be viewed on the OEOO website. In the future, in addition to the analysis values, photos of the filter samples will also be integrated to provide further information on water quality and turbidity substances such as Sahara sand.

Bonin Speaker at the seadevcon'18

The seadevcon 2018 conference took place in Hamburg from 6 to 8 September 2018. Maritime experts, NGOs and environmental activists discussed solutions for the problems of the maritime industry. Aspects were of course environmental protection and plastic waste in the seas. Günther Bonin presented the concept of "marine litter cleanup" as a speaker and participant in a panel discussion.

Tips against the plastic flood

There is a new section on our website now. Under the button "Less plastic" we give tips in German, English and Spanish on how to avoid plastic in everyday life. But also how to get involved in your local environment against plastic (waste).