



Sailors for the Sea
Sustainability Report

J70 European Championship

ROYAL DANISH YACHTCLUB

SKOVSHOVED

Denmark

August 30, 2021 to September 4, 2021



Background:

KDY is a non-profit organisation and is Denmark's largest yacht-club, with more than 2,000 members from all ages. KDY members come from all levels of sailing, ranging from the international elite sailors, where KDY have Olympic level selected crews, to beginner level sailing.

KDY organises both national and international regattas such as the World Championships, the European Championships and Nordic Championships. During the 2021/22 season, KDY will host or has already hosted, more than 20 national and international regattas including the 2021 European championship for the J70 class (the world's fastest growing adult keelboat class). The J70 regattas had more than 500 sailors and officials from across Europe and USA.

Sustainability is a key priority for KDY and we have set up a board dedicated to the management and implementation of our sustainability strategy. KDY feels a strong sense of responsibility to lead the way, both nationally and internationally, when it comes to being a sustainable sailing club and promoting sustainable regattas.

Action and process:

To achieve a sustainable and clean regatta requires planning and Lars Ive Head of Race Committee at KDY contacted Sailors for the Sea more than 6 months prior to the regatta with the objective being to make the J70 European Championship a Clean Regatta as defined by Sailors for the Sea.

The planning for this top-level achievement for the J70 European Championship commenced and the 20 point action plan was launched, with KDY (the race – committee and sustainability team) and Skovshoved Harbour being the drivers to make the J70 European Championship a Clean Regatta.

It became clear from the very beginning that a successful event would need to be focussed and embrace the local community. The team contacted the local Gentofte Municipality and established a co-operation with their Waste Department. From thereon, the team, incorporation with Gentofte Municipality, expanded, and other partners joined.

The team around the J70 European Championship included management (registration, results and communication), measurement team, jury, and the support team at sea, with the on shore team including ensuring food, beverage, etc were in place

The team included in excess of 60 people and at each action, status and to do meeting leading up to the regatta, the KDY sustainability team was present, and therefore, making everybody involved aware and gave the full team the ability to give input and have ownership in making the J70 European a top tier sustainable regatta.

Follow-up:

An important point in making a Clean Regatta a success is to follow up and share the experience and the process with other clubs both locally, regionally and of course, Globally. Accordingly, KDY have established a follow-up strategy and clear guidelines to ensure that the effort is being optimized for future Clean Regattas. (See guidelines below.)

Furthermore, to keep up the momentum, KDY has arranged a follow up in and around Tuborg Harbour on Saturday 19th September for the World Clean up day.



GUIDELINES – BEST PRACTICE:

The following guidelines are based on the experience and work undertaken before and during the J70 Europeans in Skovshoved, Denmark and arranged by the Royal Danish Yacht Club (KDY). The objective was to achieve as many of the 20 recommended "best practice" outlined by Sailors For the Sea.

- 1) Start your planning well in time (minimum 3-6 month) before the regatta. (The J70 was planned for spring 2020 and due to corona-virus postponed to spring 2021 and finally took place August/September 2021.)
- 2) Call a meeting with all the parties involved and make a detailed plan and delegate responsibilities and deadlines.
- 3) You will not be able to achieve a Clean Regatta alone, and hence, contact your partners in advance and ensure time is available to deliver the needed services and products.
- 4) Working together with your local municipality is important. They can assist with logistics and in particular with waste disposal and indeed general communication.
- 5) Arrange communication jointly with local partners (see below).
- 6) Post regatta "harbour clean-up" has proven to be very fruitful, both to ensure a sustainable regatta but also for communication. All harbour visitors will notice the clean up team and their work both on shore and a diving team in the harbour basin. KDY did Harbour Clean-up together with Nordic Ocean Watch. Pictures in separate paragraph.

Local newspaper about a sustainable Regatta in Skovshoved with the Head of Sustainability at the Municipality, together with the Chairman of the sustainability team at KDY

Head of Sustainability at the Municipality, together with the J70 Regatta Chairman at a reception at Gentofte Municipality





The Mayor of Gentofte and Chairman of KDY (below) both made speeches and highlighted sustainability and the importance of the Clean Regatta.



Sailors for the Sea flag below the KDY flag.





1. Eliminate Single-Use Water Bottles and Provide Water Refill Stations

All sailors were given a free reusable water bottle in the reusable welcome bag.

Water filling stations were placed at 4 locations in the harbour area, with each location having 4 taps which would deliver the exact needed fresh water to fill the bottle, and hence, also reduce waterspill.



Reusable Water Bottles and Water Refill Stations

Danish tap water is the best - <https://www.postevand.com/>

Royal Danish Yachtclub (KDY) has sponsored re-usable water bottles for all the sailors participating in the J 70 European Championship.

Positive feed back on bottles.

Please find picture 1 attached.

KDY has arranged water-stations close to the boats and 4x4 outlets reducing waiting time and queueing and in addition, provided 'hand-sanitation liquid' at each water-station.

In addition to the free bottles for all participating sailors, the bottles were sold at the Race Office Shop and thereby creating awareness of reusable bottles at sea beyond the race participants.



2. Eliminate Plastic Straws



STRAWS are not normally used in Denmark at regattas. However, in order to address the questions, we have contacted ABENA Straws and received packs of non plastic and sustainable straws. ABENA accordingly became a sponsor to the Regatta. Please see a picture of the "Sponsor Wall". (see picture 2 attached, is made available to all sailors with the message that any straw made from plastic is prohibited and only environmentally friendly straws can be used,)

<https://www.abena.dk/>

3. Serve Food with Plastic-Free Dinner-ware



All **Plastic-Free Dinner-ware** products have been supplied by ABENA, see above.



Special reusable wine glasses and cups for soda water and beer.

PICTURES - KDY glasses and cups + material recycled and container collecting used glasses for washing,



The KDY branded reusable beer glasses were very popular and several participants bought a set for their boats and to take home. In addition it was considered by many to be a "Unique Collectors Item" and yet another push factor for the usage of reusable and environmental correct items.



4. Use or Provide Reusable Bags

KDY Team-Work in action.



At arrival, each yacht received a welcome bag, which is reusable.

In addition, each boat were given an “environment rubbish bag” from The Royal Navy.

All the sailors were instructed to use the rubbish bag to collect all waste and after the days race bring the rubbish to one of four waste stations placed strategically on the harbor front and sort the rubbish according to material.



HAVMILJØ VOGTER bags were given to all boats ensuring no waste in the sea.

Admiral Mikkelsen, Royal Danish Navy endorsing "HAVMILJØVOGTER" waste bags.

"HAVMILJØ VOGTER" translates to "SEA ENVIRONMENT GUARDIAN"

5. Award Practical Items or Use a Perpetual or Upcycled Trophy

(Please provide photo(s) or awards. Please describe your efforts for: 5. Award Practical Items or Use a Perpetual or Upcycled Trophy.)

A: Winner of European J70 receives a "perpetual trophy".

KDY established new perpetual trophy for the best Corinthian team. (See photo below).

Other prizes were produced by using glass, which is considered sustainable items.

"Glass is a sustainable, fully recyclable material which provides great environmental benefits such as contributing to mitigating climate change and saving precious natural resources. It is also highly appreciated in many applications for its inert nature and its contributions to safeguarding people's health and well being. (Quote: Glass Alliance Europe.)"



6. Publicize Your Sustainability Efforts

(Please describe your efforts and share photos or screenshots of any communication efforts that focus on your work towards sustainability/earning Clean Regatta certification (social media posts, emails, NORs, website, etc.)

Please see introduction and Appendix 1.

A: We communicate with attendees, competitors and staff members at several points, including at the welcome stage, about the sustainability efforts being undertaken.

Communication at welcome:

Local communication in cooperation with the Municipality GENTOFTE.





7. Involve Local Organizations

Local organisations are key to success and indeed also to ensure follow and keeping the momentum up post regatta. (Local is defined herein as present in the local municipality.)

A: Local included:

Skovshoved Harbour

Gentofte Municipality at 2900 Hellerup, Local

Bike rental at Klampenborg Station 2930, Local.

Bakery at Jægersborg Alle, 2020 Charlottenlund supplier for Regatta Skovehoved Harbour, 2920 Charlottenlund (local).

G. Strømmand , local company arranging water station for refill reusable bottles. (Local)

Nordic Ocean Watch (several, including diver lives locally)

B: Others involved were regional local and others had been involved with previous KDY events.





8. Post Educational and Reusable Signage

A: Selected reusable signage



B: A process book will be prepared and shared with other sailing clubs. Also the KDY youth team will receive teaching of how we prepare for a sustainable yachting event.

9. Serve Local Food or Source Seafood Sustainably

(Please provide photos of meals and if applicable, photos from shopping locally. See point 12 below.)

Please describe your efforts for: 9. Serve Local Food or Source Seafood Sustainably.)

A: A deal has been made with a local baker and the left overs from the morning sale will be collected by the team and used for breakfast etc. for the sailors.

Carlsberg / Tuborg locally brewed beer/.DraughtMaster (No CO2)

10. Organize a Green Team

Please provide photos of your Green Team in action. Please describe your efforts for:

A: KDY has a 6 person linked to the sustainability team. The KDY Sustainability Team was present at all Race preparation meetings, and hence the 60 plus team of volunteers all took ownership and participated in the sustainability effort.

B: GREEN TEAM = KDY Sustainability Green Team also supported by the local Gentofte Municipality and Nordic Ocean Watch.



11. Ensure Proper Waste Bin Placement and Signage

Please provide photos of the event's waste management.



Waste collection manager

Sign explaining waste collection

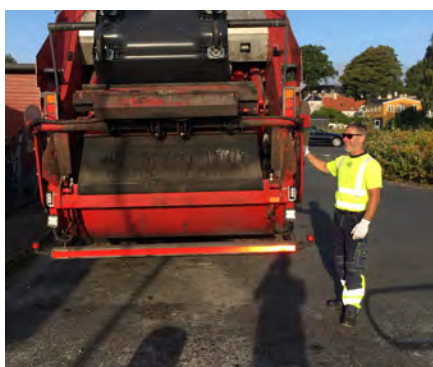
Waste collection tools

A: Four waste stations to receive waste and these are emptied regularly by the Municipality.

Signes to the waste stations and also marks on waste bin/container with signes showing plastic/glass/metal/others etc.



Below showing regular emptying of bins placed on harbour arranged by the Municipality.





12. Divert Food Waste from the Landfill.

(Please provide photos of composting, food donation, or other efforts that fall into this category)

- 1: At 18.15 the local baker donated bread etc to be use for next day breakfast for all volunteers and sailors



- 2: *(Please describe your efforts for Divert Food Waste from the Landfill)*

- A: Normally all food left overs will be shared between the volunteers, and hence we do not have any left-overs.
- B: Leftover sandwiches from welcome dinner at Municipality Offices was given to the sailors and officials for the next day(s) lunch.

Pictures shows delivery to Municipality Offices of empty collapsable sandwich boxes.

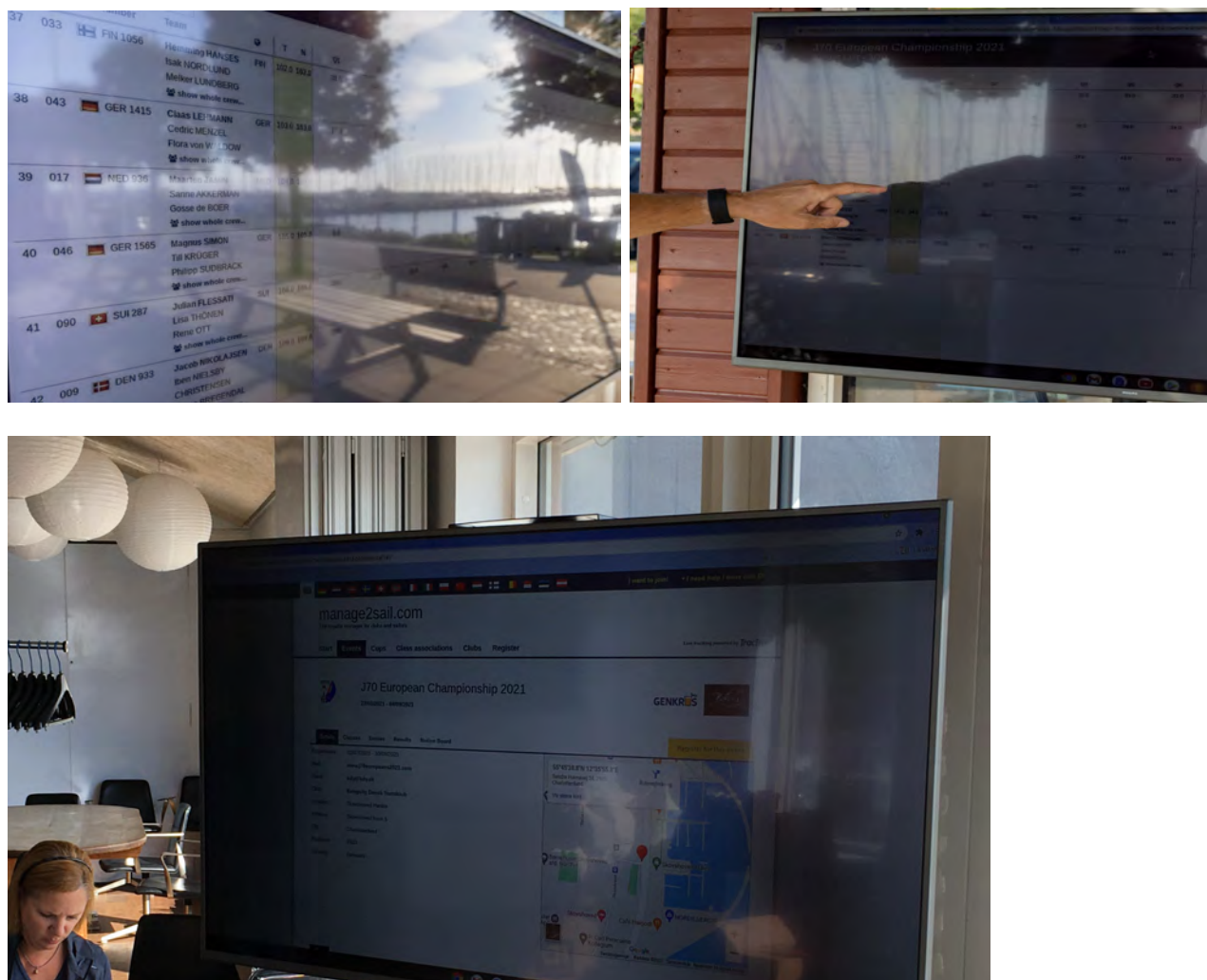




13. Use Paperless Event Management

(Please describe your efforts for and provide screenshots of electronic race management, photos of whiteboards, or other paperless event management techniques.)

A: All results and communication are done by TV and internet.



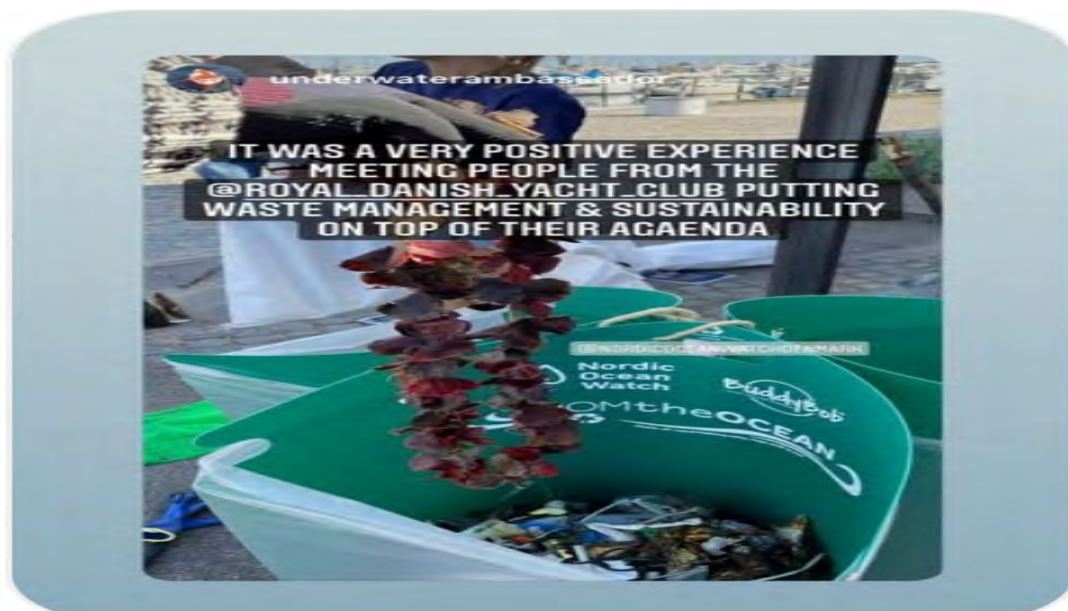
B: In addition to the electronic Notice Board, the Race Committee had established system for all protests to be delivered via the phone, and all general communication likewise using electronic communication, and thereby creating the paper less event. (The odd drawing explaining the event at sea for the jury-committee may have been used.)

It is estimated that "the paperless event" has eliminate usage of approximately 5.000 sheets of A4 papers during the regatta.



14. Host a Beach or Marina Clean-up (Please provide photos of the clean-up and total debris collected)

In addition, we arranged a post race clean up day in co-operation with Nordic Ocean Watch.



Please provide photos of the clean-up and total debris collected

A: *During the race, we had stations with waste containers and tools to pick up waste.*



1 of 4 Waste station



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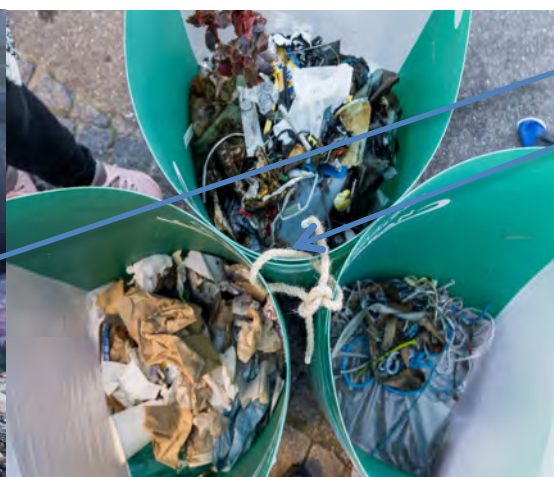


Nordic Ocean Watch



TEAM

Diver



Debris collected

Debris collected during the clean-up day total 13.5 KG.



15. Promote Alternative Transportation

(Please describe your efforts and provide photos of bike racks or screenshots of any communications promoting alternative transport efforts.)



- A: *Denmark has a very efficient public transport system, and we have stated to all participants and recommended to use bus or train.*
- B: *Have arranged that bikes will be parked at the harbour area for 'bicycle rental' during the regatta.*
- C: *Sustainable transportation: Picture of Sailing Team Monaco and Dutch sailor on electrical scooters.*



Monaco sailing team proud to show their electrical scooters with thumbs up.



Dutch sailor proud to show his sustainable electric scooter.



16. Increase Awareness of Wildlife and Habitat Protection

(Please provide photos of communication efforts or activities.)

A: Gentofte Municipality offered participants exhibition / information about the local wild life in Øresund .



Sign showing the way.

17. Offer Vegetarian or Vegan Alternatives

(Please describe your efforts provide photos of meals with Vegetarian or Vegan Alternatives)



A Salad bars. Etc.

Potatoes etc. Salad.

18. Use Eco-Smart Race Management Techniques.

(Please provide photos of innovative race management solutions.)

- A: Use less fuel for support vessels by "clever sailing", lower speed etc.
- B: KDY has tested special green fuel for RIBs prior to the J70 Regatta, but found that the fuel made engines less reliable and would not create a safe regatta. KDY will continue to work with testing technology for RIBs , including electric engines. As the process of renewing the fleet is part of the short term project, the value of sustainable Races has defiantly accelerated this process.



- C: According to the Class Rules for J70 European Championships, each boat has to be carrying a so called "bow-number" according to pre-stated dimensions, etc. All boats were given a bow-number and instructions how to place the number on the bow ensuring that the number printed on the foil did not end up in the water. Each day, all boat numbers were inspected to ensure that it was safe, and in case the foil showed any sign of not sitting correct, the crew was informed and the placed correct and if needed replaced. Four numbers were replaced. After the regatta, all numbers were collected and accounted for. Hence, the strict rules and the policy did ensure no waste or pollution from the bow-numbers.

19. Prevent Toxins from Entering the Water.

(Please provide photos of any products used or recommended.)

Hempel latest environmental underwater coating was pre regatta used on the the KDY ribs assisting with the regatta.



Silic One - new environmentally friendly primer - has Hempel solved the riddle?

Hempel in Kongens Lyngby is supplying biocide- and copper-free primer to market. Vegetation has a really hard time sticking to Silic One.

Hempel has launched, Silic One, which is a non-toxic biocide- and copper-free primer, a type of paint that has been on large ships for many years.

The paint was been tested on, among other things, an Aphrodite 101, where the vegetation has been reduced and various RIBs have also been tested with Silic one, where the latter works optimally, but with a sponge you remove vegetation and roughen as easily as nothing, Hempel tells.



20. Encourage Green Boating Practices:

Please provide photos of boats following green boating practices

Use of Hempels coating (Silic One) for below waterline. The KDY tenders have all been recoated with this new environmental friendly coating. (See also picture of container next to the a tender.)

According to the rules, the J70 has to have an outboard motor onboard, and at the regatta more that 33% now have electrical outboard motors, which we will continue to encouraged as part of the sustainability follow up.

Please describe your efforts for: 20. Encourage Green Boating Practices

A: Will use this event to promote green sailing and indeed use the result from this event to show other race organizer how to ensure green regatta.



APPENDIX 1

FOLLOW UP – NEXT STEP

The Sustainability Team started by stating that team building is a key driver, and post event

- 1) Start your planning minimum 3-6 month before the regatta.
- 2) Call a meeting with all the parties involved and make a detailed plan delegate responsibilities and dead-lines.
- 3) You will not be able to achieve a Clean Regatta alone, and hence select and contact your partners in advance and secure time is available to deliver the needed services and products.
- 4) Working together with your local municipality is important. They can assist with logistic and in particular with waist disposal and indeed general communication.
- 5) Arrange communication jointly with local partners (see below).

Below:

Local newspaper article about sustainable Regatta in Skovshoved with Gerald Maureschat (Gentofte Municipality, Sustainable Head) together with with Soren Helmer Jensen (KDY Sustainability Team).

Gerald Maureschat together with Lars Ive, President J70 Regatta at reception at Gentofte Municipality





Mayor Gentofte and Chairman KDY (above) both made speeches and highlighted sustainability and the importance of Clean Regatta.

APPENDIX 2

The KDY Sustainability Team has during the preparation of the J70 European Championship learned and will continue to develop the sustainability and clean harbour and clean ocean.

The tools shown in picture below are still in Skovshoved Harbour.





Bonus Opportunities

Please provide photos of efforts that go above and beyond the previous categories

Please describe any additional efforts:

A: Have arrange with Gentofte Municipality (Gentofte Brandvæsen – local rescue station) that 2 nurses and 2 surface rescue professional will be standby, to support general safety during the regatta.

B: CO2 free draft beer served from Carlsberg/Tuborg.

Compressed air is pumped into the pressure chamber

By not adding CO2, your costs are reduced, maintenance is reduced and the beer is kept clean.



C: Extra mobile toilet (WC) at harbour saving upto 95% water compared to alternative mobile services.



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- D: As a result of the activities related to the J70, KDY requested to in demonstration of the MarkSetBot during the SailGP in Denmark. The plan is to acquire four MarkSetBot for 2022.
- E: Based on the results achieved during the J70 regatta, the cooperation with Gentofte Municipality has opened new doors for for new steps to support our KDY sustainability objective including communication.
- F: Group foto af KDY "all generation team" after Tuborg Harbour Clean Up on the World Cleaning Day 18 September 2021.

This was seen as a first wave of the results linked directly to the J70 Clean Regatta and subsequent harbour clean up at Skovshoved. (KDY has Club House in Tuborg, Skovshoved and Rungsted harbours)



G: As a result of the J70 sustainability effort, KDY has been invited by the local Gentofte Municipality to make a presentation for the Municipality Sustainability Network and for the "Green Council" representing 12 independant associations including Sports, Scouts, the local branch of the Danish Society for Nature Conservation, etc.

This gives KDY the opportunity to bring more focus on our Clean Regatta (and message to a wider green audience) and thereby communicating not only to the on-the-water activities but also, near-the-water, and general water-loving events.

Finally, Gentofte Municipality and KDY have agreed to invite companies with offices around Tuborg Harbour to a Sustainability Breakfast Meeting during the month of November with the objective to inform the business community about Sailors of the Sea and our Clean Regatta activities. The objective is to inform all parties enjoying the harbour and the sea about the work, responsibility and investment required to protect the sea. This initiative will indeed be an event to be replicated in all harbours in both Denmark and beyond. KDY and Gentofte Municipality will communicate the results from such an initiative.