



## **Sailors for the Sea**

### Sustainability Report

## **29er Europeans 2022**

## **by the Royal Danish Yacht Club**



## **June 27<sup>th</sup> to July 5<sup>th</sup>, 2022**

### **International 29er Class Association**

### **Danish 29er Class Association**

16 September 2022



## Introduction:

KDY 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 2022 season, KDY has hosted several regattas including the 29er regattas with more than 200 sailors plus officials from across Europe and beyond. All KDY regattas are now following the sustainability guidelines set out by the Sailors for the Sea.

The 29er European Championships was a youth-regatta and a very important opportunity for the KDY Sustainability goals, bringing the Sailors for the Sea sustainability guidelines to the young sailors.

KDY has been accelerating the focus on sustainability during the past almost 1 1/2 years, even more so since the 2021 Platinum Certificate recognition from Sailors for the Sea for the KDY J70 European Regatta in Skovshoved in 2021. The community around KDY as well as the Danish and Nordic sailing community have become aware and more focused on the sustainability.

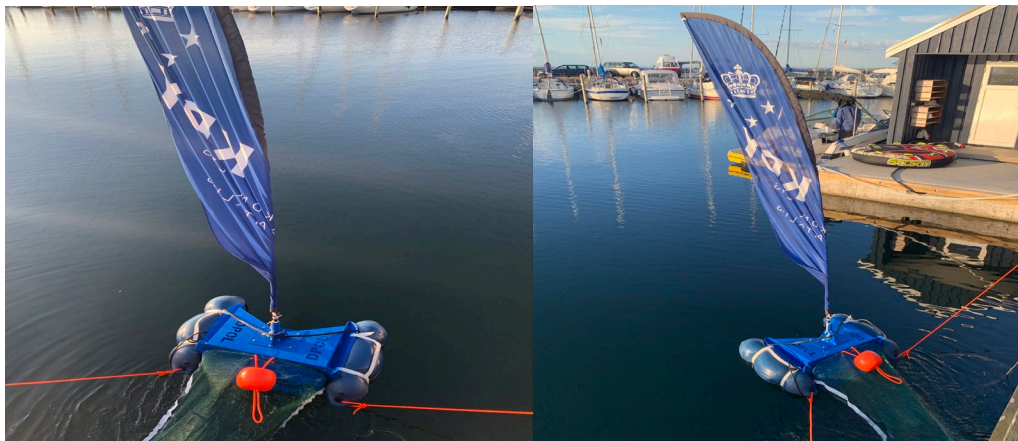
Communication and sharing experiences are very important and for KDY, the effort has resulted in an invitation to the Danish Sailing Association Annual Meeting where we will be making a presentation of the KDY sustainability effort, including how to implement sustainability in regattas according to the guidelines as set forth by Sailors for the Sea.

KDY has accelerated and added extra resources to the "Green Team" with the objective of driving the sustainability agenda further and to make sure that it become even more part of the day-to-day activities of the KDY.

One important step has been to integrate sustainability to be a permanent part of the regatta management in line with all traditional disciplines. Needless to say, the sustainability effort will not be standardized, as new tools and processes will be developed and KDY will, together with partners, ensure a continuous upgrading of our environmental ambitions and goals.

As a direct consequence of our Sailors for the Sea activities and results, we have experienced that the overall KDY management and sub-committees are all discussing sustainability.

As part of the KDY sustainability activities KDY has, together with Gentofte Municipality, invited companies close to Tuborg Harbor, the KDY main harbor, to join a Focus Group with the objective of supporting a clean harbor. As a starting point, KDY has invested in a DPOL to ensure a cleaner Tuborg Harbor, and the shipping company D/S Norden sponsored a second DPOL this summer. A 3<sup>rd</sup> DPOL is expected to be sponsored later this year. This is indeed a break through and a direct result of the achievement following the Sailors for the Sea guidelines. (See also Bonus Opportunities below.)



The KDY's DPOL will be based in Tuborg Havn together with the sponsor unit(s), but KDY will move the DPOL's to any KDY harbor where a KDY regatta takes place, such as Rungsted Harbour, which it did during the 29er regatta to ensure clean water.

### **Action and process:**

To achieve a sustainable and clean regatta as defined by Sailors for the Sea, it does require planning, and since the successful J70 European Championship 2021 achievement, KDY has established a programme on how to comply with the guidelines set out by Sailors for the Sea sustainability program.

KDY has followed the same guidelines, though improved where possible, which is demonstrated through this brief video to this report which can be seen on the following link, <https://youtu.be/dQGUW3k-fYQ>

Achieving a successful sustainable regatta requires time and planning in order to execute..

It became clear from the very beginning that a successful event would need to be focused 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, in cooperation with Gentofte Municipality, expanded, and other partners joined.

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

The team included over 60 people and at each planning stage leading up to the regatta, the KDY sustainability team was present, making everybody involved aware and giving the full team the ability to provide input and have ownership in making the J70 European Championship 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, 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 17th 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.
- 2) Call a meeting with all the parties involved and make a detailed sustainability plan and delegate responsibilities and dead-lines for all the relevant regatta disciplines.
- 3) You will not be able to achieve a Clean Regatta alone so 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 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 a Nordic Ocean Watch diver. Pictures in separate paragraph.
- 7) The Mayor of Hoersholm Municipality and KDY Head of the Regatta both made speeches and highlighted sustainability and the importance of the Clean Regatta highlighting that 29er regatta is a sustainable regatta following the Sailors for the Sea guidelines.







Regatta photos including pre-race activities at harbor, starting line, rescue boat stand by and the young KDY sailors at the Regatta together with Ann-Marie Moor KDY Sports manager.



## 1) Eliminate Single-Use Water Bottles and Provide Water Refill Stations

All sailors were given a free reusable water bottle before the race.



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, thereby 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 29e European Championship. Positive feedback was received on bottles. Please find picture 1 attached.

KDY arranged water-stations close to the boats and 4x4 outlets reducing waiting time and queueing.

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

## 2. Eliminate Plastic Straws

The straws and dinnerware identified at earlier regattas has proven to be optimal “green” for the sustainable regatta. Having said that, the use of straws in Denmark is very limited in general but KDY always has sustainable straws available, should there be a request.



### 3. Service Food with Plastic-Free Dinnerware

Also plastic-free dinner-ware is always now used at KDY.



Food table with traditional plastic-free dinner ware.



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

See also point 15 below.

### Special reusable water bottles, glasses and cups for soft drinks.

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



Was launched at regatta in 2021 and are now standard equipment. Reusable bottles have been redesigned and are now bigger, in line with demands from younger sailors.





The KDY branded reusable cups 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" yet another push factor for the usage of reusable and environmental items.

#### 4 Use and Provide Reusable Wastebags

As all information was placed on screens and mobile phones, it was decided that it would not be necessary with bags for the participants.

A system for collecting waste at sea was however introduced, by using a waste bag being mounted on RIBs (support motor boats) using lines with Velcro tape.

An "environment rubbish bag" from "HAVMILJØVOGTER" (translates to "SEA ENVIRONMENT GUARDIAN") was placed in each of the three collection silos.



"HAVMILJØVOGTER" waste bags and indorsed Admiral Mikkelsen, Royal Danish Navy





## 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 29er European receives prizes from “Strandet” working for plastic free oceans.





## 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.)*

*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 Hørsholm.*

*FOTO OF BOGMESTER AT OPENING CEREMONY.*



Please see introduction and Appendix 1.

**B:** *Mini Impact League was arranged in cooperation with the Danish SailGB Team, making a positive impact was at the top of the agenda at the 29er European Championships in Copenhagen this week, as the first ever SailGP Mini Impact League took place.*

*The initiative – a collaboration between Denmark SailGP Team, Royal Danish Yacht Club and the 29erClass Association – is the first time that a project inspired by SailGP’s ground-breaking Impact League has been integrated into another regatta, and saw more than 300 young athletes given the opportunity to put their competitive focus on the shore, as well as the water.*

Questionnaire for Mini Impact League, please see appendix 3, and prize giving below



## 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:**

Rungsted Harbour

Hørsholm Municipality

Bikerental from Rungsted Harbour Master office

# KONGELIG DANSK YACHTKLUB

ROYAL DANISH YACHT CLUB



Novafos supplying water taps and water for the reusable bottles (Local)

Local diver and local participants assisted with the post regatta clean up

Please see in the illustration below the partners involved in the regatta.



## 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: The KDY catering is arranged locally and with local sourcing when possible. A sustainable food program has become standard including the use of vegetables, seafood and salad etc. and absolutely no waste. (See below, leftover seafood being prepared for sandwiches.)



## 10. Organize a Green Team

*Please provide photos of your Green Team in action.*

*Please describe your efforts for:*

A: KDY has a 6 persons team linked to the sustainability team. The KDY Sustainability Team was present

B; GREEN TEAM - KDY Sustainability Green Team also supported by the local Hoersholm Municipality,



Waste collection manager  
Sign explaining waste collection  
Waste collection tools





## 11. Ensure Proper Waste Bin Placement and Signage

Please provide photos of the event's waste management.



A: Four waste stations to receive waste and these are emptied regularly by private contractor which was sponsored by the Hoersholm Municipality.

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



Regular emptying of bins placed on harbor arranged by the bin-supplier and sponsored by the Hoersholm Municipality.



## 12. Divert Food Waste from the Landfill.



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

In line with other regatta, the food as shown in this presentation is local and no food was wasted.

Only some days, the food team had left overs and this was used for sandwiched next day for the voluntary staff. Hence no waste.

## 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 race T-shirts is marked with a QR code which give instant access to race details and relevant information; This is considered next generation paperless events. Having said that, the race office still had TV screens etc.

<https://29ereuropeans.org> Results on Screen at race office for all to see.



B: The above system hence made it possible for all protests to be delivered via the phone, and all general communication likewise using electronic communication, and thereby creating the paper less event.

#### 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 with participation of race staff, sailors and guest.*



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

ROYAL DANISH YACHT CLUB

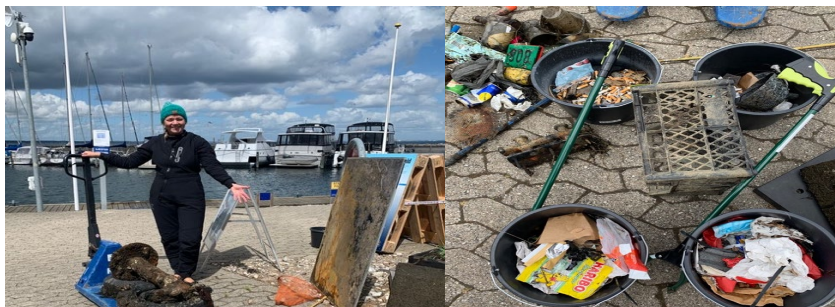
## WASTE AND RECYCLING

←————→

SUSTAINABLE REGATTA



1 of 4 Waste station





Debris collected by diver during the post regatta clean up.

## 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: It has now become permanent with 'bicycle rental' ("Cykel-udlejning") in Rungsted Harbor which of course includes 'bicycle rental' during and after the regatta.
- C: Sustainable transportation: The Regatta was sponsored by Volvo using the opportunity to promote electrical Volvo and Polestar cars with the possibility for alternative transport.





## 16. Increase Awareness of Wildlife and Habitat Protection

*(Please provide photos of communication efforts or activities.)*

A: Rungsted Harbour and Hørsholm Municipality offered participants exhibition / information about the local wild life in Øresund .



B: Also, a cooperation was established with local guide <https://horsholm-rungsted.dk> presenting the local nature and culture.

## 17. Offer Vegetarian or Vegan Alternatives

*(Please describe your efforts provide photos of meals with Vegetarian or Vegan Alternatives) Salad bars, Potatoes etc.*



## 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.





KDY has tested special green fuel for RIBs prior to previous regattas and 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 definitely accelerated this process.

## 19. Prevent Toxins from Entering the Water.

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

Hempel latest environmental underwater coating is used on KDY Ribs.



### **Silic One - new environmentally friendly primer developed by Hempel.**

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.

## 20. Encourage Green Boating Practices:

Please provide photos of boats following green boating practices.

Use of Hempels coating (Silic One) for below the waterline. The KDY tenders have all been recoated with this new environmentally friendly coating.

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 organizers how to ensure green regatta.



Bags made of old sails



See below picture of waste bag to use on water





## 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 waste disposal and indeed general communication.
- 5) Arrange communication jointly with local partners.

## APPENDIX 2

The KDY Sustainability Team has proved that consistency will continue to improve and to develop the sustainability and clean harbour and clean ocean.

The tools shown in picture below are still in Rungsted Harbour allowing pick-up of waste every day.





## Bonus Opportunities

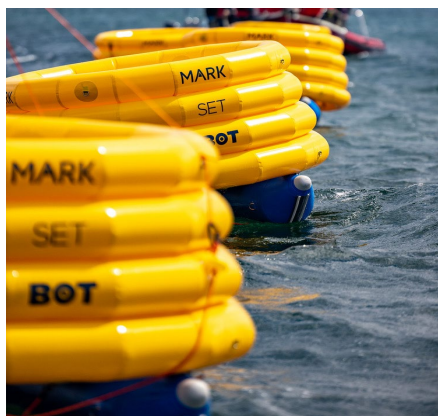
Please provide photos of efforts that go above and beyond the previous categories

Please describe any additional efforts:

- A: DPOL as presented in the Introduction paragraph is considered an important feature to ensure a clean harbor going forward. It is easy to move to other places in the harbor say in case of an oil spill or other waste cleaning in the harbor basin.



- B: As a result of the KDY sustainability effort and the following of the Sailors for the Sea guidelines (including the J70 2021 results), "the friends around KDY" has recently sponsored and delivered to KDY 5 self-propelled MarkSetBot for regattas. This will be used during future regattas and will reduce the need for RIB dingy for moving the marks.



- C: *SailGP Mini Impact League.*  
*Making a positive communication and bringing sustainability at the top of the agenda at the 29er European Championships in Copenhagen the first ever Mini Impact League was arranged in cooperation with the Danish SailGB Team.*

*The initiative – a collaboration between Denmark SailGP Team, Royal Danish Yacht Club and the 29erClass Association – is the first time that a project inspired by SailGP's ground-breaking Impact League has been integrated into another regatta, and saw more than 300 young athletes given the opportunity to put their competitive focus on the shore, as well as the water.*





## Questionnaire for Mini Impact League.

Making a positive impact was at the top of the agenda at the 29er European Championships in Copenhagen this week, as the first ever SailGP Mini Impact League took place. The initiative – a collaboration between Denmark SailGP Team, Royal Danish Yacht Club and the 29er Class Association – is the first time that a project inspired by SailGP’s groundbreaking Impact League has been integrated into another regatta, and saw more than 300 young athletes given the opportunity to put their competitive focus on the shore, as well as the water.

| QUESTION:  | TEAM ANSWER         | SCORE |
|--|---------------------|-------|
| 1. STRATEGY: What areas do you consider important to reduce your team's environmental impact, and how do you plan to address these?  |                     | /10   |
| 2. TECH AND INNOVATION: Please share up to two ideas of how your team is innovating to find solutions to the issues that face the sailing and international sports industries. Include any details of testing, implementation and the possible impact they might have.                             |                     | /10   |
| 3. ENERGY CONSUMPTION: Are there any ways that your team is trying to reduce your energy consumption at events? Either on shore or on the water. Please explain these.   |                     | /5    |
| 4. WORKING WITH YOUR SUPPLIERS: Do you consider any environmental factors when picking your clothing and other suppliers? Please expand on this.   |                     | /10   |
| 5. WASTE and SINGLE USE PLASTIC: How do you work to reduce your waste and eliminate single-use plastic in your team's operations?  |                     | /10   |
| 6. TRAVEL AND ACCOMMODATION: In what ways do you look to reduce the environmental impact of your travel to and around events, as well as your on-site accommodation?   |                     | /10   |
| 7. DIET: Do you consider the environmental impact of what you are eating? In what ways do you work to reduce this?   |                     | /5    |
| 8. USING YOUR VOICE: Please give details of any social media posts, videos, articles or other forms of media that your team has been involved with, including any engagement numbers, to promote your team's purpose and sustainability commitment as part of the mini Impact League/29er regatta. |                     | /20   |
| 9. DIVERSITY, EQUITY and INCLUSION: What can the sailing community do to make it more accessible to all? What has your team done to support this?  |                     | /10   |
| 10. COLLABORATION: Have you collaborated with any other teams, partners, suppliers or clubs as a part of the mini impact league? Please give details and share learnings and / or the positive impact of these conversations.  |                     | /10   |
|  | <b>TOTAL SCORE:</b> | /100  |

And Sweden took the victory in the impact-focused competition, with duo Elisa Lindskog and Felicia Fernström impressing the jury with their ideas and contribution. The pair submitted a broad and creative plan spanning environmental and societal topics, to answer the criteria created by SailGP’s Impact League team.



Reacting to the award, Lindsbog says: “I believe that if I do small things that other people take after, we can change and people will understand what difference it makes and maybe take more steps.” The pair won a unique prize including a behind-the-scenes foiling experience with the Denmark SailGP Team athletes, tickets to the ROCKWOOL Denmark Sail Grand Prix in Copenhagen on 19-20 August and some Denmark SailGP Team presented by ROCKWOOL merchandise.

Denmark SailGP Team athletes Katja Salskov-Iversen and CP Lübeck joined the competitors to discuss SailGP, pass on some tips around sailing the 29er and host the prizegiving ceremony at the regatta, which took place at Rungstedhavn in northern Copenhagen.

Both Salskov-Iversen and Lübeck have competed in the 29er class, before attending the 2016 Olympic Games in Rio in the 49er and 49erFX, respectively. More recently, Lübeck raced the foiling Nacra 17 in Tokyo last summer, finishing fourth.

“It’s really inspiring to see these young sailors getting involved in building a better future, and coming with some great ideas to leave a positive impact on shore and on the water,” explains Lübeck, who is also part of the KDY Sustainability Committee.

“Sometimes it feels like small things don’t make a difference, but when we all come together around a common goal, and get creative, we can have a huge collective impact.”

Salskov-Iversen, who, alongside Olympic gold medallist Anne-Marie Rindom is a Strategist on the Denmark SailGP Team, adds: “Through SailGP, we want to raise awareness around the importance of our ocean, that we can protect and restore it, and show that it is possible to do things in a more sustainable way. It’s not always easy – it’s a challenge – but we are taking it on with everything we have, just as we do on the water.”

The SailGP Impact League is a second ranking which runs alongside the on-water championship and sees the teams scored across a range of criteria including strategy, fuel efficiency, travel and accommodation, communications and collaboration.

Denmark SailGP Team presented by ROCKWOOL finished in second place in the first audit of Season 3 in Bermuda, behind Season 2 champions New Zealand SailGP Team.

“The Impact League is really important to us, and we’re fortunate to have two great partners in ROCKWOOL and the One Ocean Foundation, who are helping put us on track to a more sustainable future,” adds Nicolai Sehested, driver at Denmark SailGP Team.

“Together, we’re connecting world-class sports, global business and cutting-edge science to protect and restore our ocean, raise awareness and inspire others to take actions small and big to reduce their footprint and increase their positive impact.” (Price giving below)

# KONGELIG DANSK YACHTKLUB

ROYAL DANISH YACHT CLUB



WELCOME BACK TO DENMARK

ROYAL DANISH YACHTCLUB

