

Environmental & Sustainability Progress Report

2022

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Acknowledgements

In January 2021, KYC set Environmental & Sustainability goals based on these three programs:

- TOTA Biosphere Program
- Clean Marine BC
- UN Sustainable Development Goals (SDGs), also known as Global Goals, a set of 18 integrated and interrelated goals focused to:
 - end poverty;
 - protect the planet;
 - ensure that humanity enjoy **peace and prosperity** by 2030.



The Club's vision and values are based on 4 pillars: **Member Experience, Community, Sustainability and Stewardship**, which keep us aligned with our social responsibility and accountability regarding the impact we have on the environment.

This report is to highlight our efforts to ensure as a Marina club a more sustainable way.

Acting as **environmental advocates and protectors** of the *traditional, ancestral and unceded territory* of the **Syilx Nation**, every annual report will help us to identify the opportunities to develop and/or improve the systems in place, and encourage our members to join us on this **global transformation into a circular economy**.

EVERY SMALL ACTION, MAKES A BIG DIFFERENCE



The Kelowna Yacht Club in 2019 assessed its current positioning in relation with its operations and the impact we have in the Kelowna community and the Okanagan Lake.

The environment is important to us, and we are committed to taking the necessary steps to protect our ecosystem and continually improve our performance. Our **Member & Employee "Green Teams"** play key roles in ensuring the Club and its programs are aligned with sustainability protocols and environmental policies.

As a Club, we are in this journey together, and **your participation is integral** to the achievement of our goals. We invite you to take a few minutes to read this report, and understand **WHY** and **HOW** you can help us make a difference.



“

The global perspective about doing business is changing. It is bringing the awareness of the **WHY & HOW** behind each of our goals, which will be key to build a more sustainable future for all stakeholders.

Brenda Cortes (she/her/hers)
Environmental & Sustainability Coordinator at the KYC

GEORGIA-STRAIT ALLIANCE CLEAN MARINE BC








CMBC is the first Certification the club applied and acquired in May of 2019.

Clean Marine BC is an innovative, voluntary eco-certification program that recognizes marinas and other boating facilities for their implementation of environmental practices.





Based on the Final Report given by CMBC, the club will add to our goals the recommendations CMBC provided in detail on the report.



KYC Best Practices :

-  There is a Manager and a written environmental policy in place. CMBC policy is posted and the Guide for Green Boating brochures available at site and website.
-  There are "Green Teams" which promote environmental awareness. Staff Training includes environmental policy and emergency procedures.
-  The docks are clean and well managed.
The facility has water and electricity conservation measures in place.
-  The KYC has a Waste Management Program on site with diversion of waste to multiple streams. Spill Protection kits are visible and in placed. CMBC Dock Walking Campaign applied this Spring-Summer.
-  Use of holding tanks is mandatory, with a free pump-out facility on site and available to both members and the public.
No refueling or hull maintenance on site contributes to an environmentally friendly operation.

KYC Areas for Improvement :

-  Older docks have treated wood and foam flotation in direct contact with the harbour water. Long term dock upgrade plan should include the replacement of both of these.
-  Continue the 80 creosote piles replacement program with the goal of all piles replaced.
-  Use the KYC Waste and Composting Program as an example to persuade the City of Kelowna or Regional District to set up a centralized composting facility with curb side collection.
-  Ensure that there is enough floating spill containment boom on site (at least 35 mts).

BIOSPHERE COMMITMENT PROGRAM

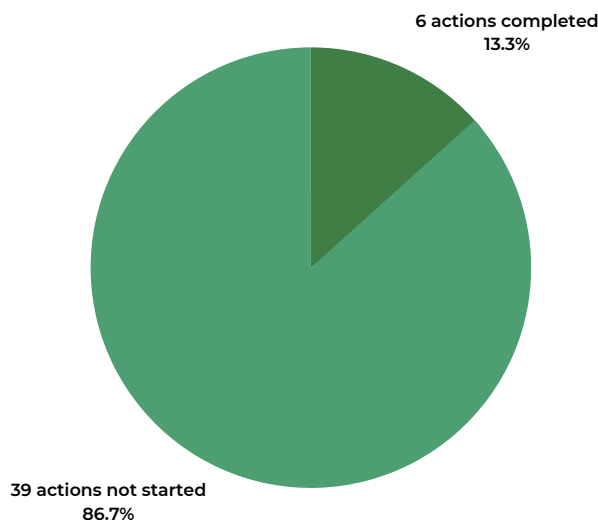
BY THE THOMPSON OKANAGAN TOURISM ASSOCIATION (TOTA)



The Biosphere Commitment Program is a Sustainable Tourism System for the tourism stakeholders in the Okanagan aligned with the United Nations Sustainable Development Goals, and the Paris COP21 Accord to fight climate change.

The goals were divided into **short, median and long term** with the purpose of focus each year in some based on priority, budget, and other factors, being 2030 the deadline to reduce our CO2 emissions.

Each year evidence for each of the activities needs to be submitted through this platform in order to be considered **Biosphere Certified**.



BIOSPHERE CERTIFIED

If you work on all SDGs and can prove your compliance with the activities, you can obtain the Biosphere certification.



Sources:

TOTA-Biosphere Program (2022) <https://www.totabc.org/biosphere-commitment>

Biosphere Sustainable Lifestyle <https://www.biospheresustainable.com/en/user/login>

ROAD TO 2030 KYC PRIORITY SDGS



At KYC we focus on 17 Sustainable Development Goals (SDGs) and no.18 Reconciliation) culminating in 45 actions in total. While each goal is equally important and connected, some are more relevant to the Club than others based on our services and industry.



Priority SDG - Climate Action

The Club has the mission to innovate and become a leader in the global response to climate change in our sector. This goal features initiatives aimed at measuring and compensating KYC's Carbon Footprint.



Priority SDG - Responsible Consumption & Production

This goal entails the development of circular economy initiatives based on the efficient use of resources at the clubhouse and Marina that lead to better results throughout the chain of services and events we offer.



Priority SDG - Affordable and Clean Energy

A business like ours can ensure and promote improving the efficiency and substantially increasing the use of renewable sources in the long-run. We can all contribute to good practices for sustainable production and consumption of this valuable resource.



Priority SDG - #14 Life Below Water

Stewardship of the lake and conceiving ourselves as protectors of the life on land and water are key concepts in order to help conserve the marine ecosystem and become a vessels for promoting a blue economy.



Priority SDG - #11 Sustainable Cities and Communities

As a company in its journey towards becoming more sustainable, we aim to preserve the memory of our Kelowna community, its cultural and natural heritage, as well as to address any issues affecting our sector, people and environment.



Priority SDG - #17 Partnerships for the goals

KYC intends to transform into a sustainable governance internally, and by building strategic alliances and partnerships with local NGO's, suppliers as part of a sustainable development.

MEASURING PROGRESS



KYC's goal framework is divided in short, median & long-term based on its priority, investment and time required.

Each of the goals are related into UN SDG, and activities which at the same time break down into weekly, daily tasks.

The complexity of these projects demand the use of specialized software. For the quantitative part, we use the Ecobase Carbon software provided by GreenStep Solutions Inc, and the Biosphere Sustainable Lifestyle platform, which allows us to submit any evidence for each of the Biosphere Plan activities.



● Done ● ST (1-2 yrs) ● MT(3-4 yrs) ● LT (5-8 yrs) ● empty



KYC Activities' status

● Done ● Not started ● Working on it ● Continuous ● empty

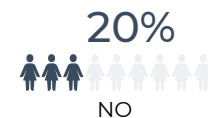
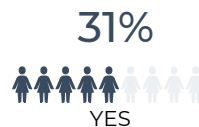
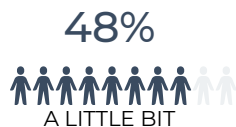
INFOGRAPHICS

The **Ecobase Carbon** software allows us to collect the data from all utility bills since Sep 2015 until today, and analyze it to have a better understanding of how resources are being consumed by all stakeholders and how can we work on strategies to minimize our impact on the environment.

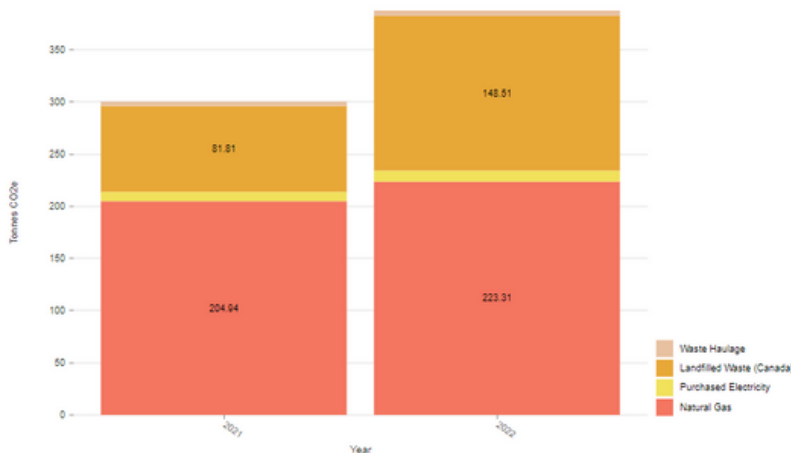
2022 Member Survey

Are you aware of what KYC is doing as part of their environmental initiatives?

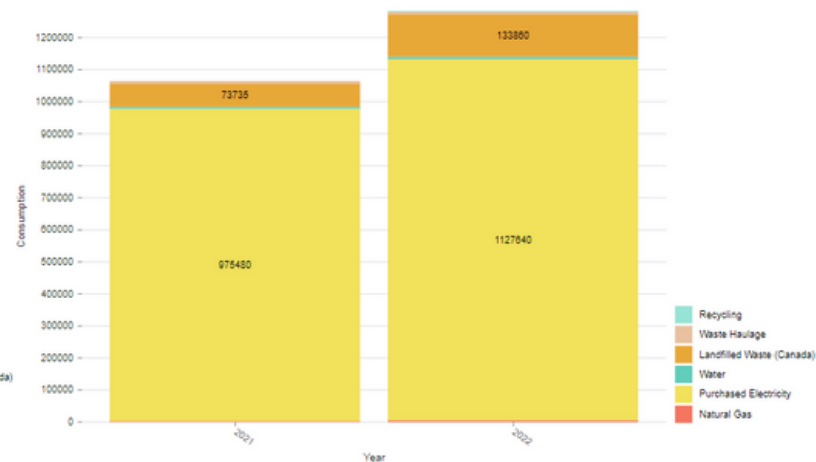
Based on the results, KYC members seem to have more awareness of our Environmental initiatives and events with 31% compared to 18% in 2021, being our Shore Clean Ups the most known. Comments showed that members would like to get more involved. Also, there is the interest to learn more about it, and the demand for more exposure through our communication channels.



KYC CO2 Emissions by Resource



KYC Resource Consumption



We have been tracking our utility bills for the past 2 years recording from 2015 until today. These 2 bar graphs show the CO2 KYC emits in the environment in tonnes by each resource we use and the second one shows our consumption. Here are some general conclusions:

- **Natural Gas** is used at the clubhouse for heating, kitchen purposes mainly.
- **Energy** is used at the Clubhouse and marina for lighting, gadgets, A/C, boat heaters, light lamps.
- **Natural Gas** has a **higher impact** on the environment (global warming) and **carbon tax** consist on 32% approx. of our total billing.
- The **variation of energy**, natural gas, water fluctuates according to the season. During Winter, more electricity is consumed at the Marina due to boat heaters and light lamps for longer hours.
- During summer, **more energy** is consumed at the Clubhouse due to A/C and extended restaurant hours.
- Since energy consumption for the Marina is higher than for the Club House, engaging our members in **energy efficiency** initiatives is recommended.

**Refer the source. - statement : Fortis BC marina and Clubhouse to support year-around comparison*

NEXT STEPS 2023 GOALS

This **SDG Progress Report** is a continuous work in progress - a way for the KYC to track its environmental impact and improvements over time. Some of the goals of 2022 are continuous, so this section outlines only our main **NEW** goals for 2023.

01

PEOPLE & PARTNERSHIPS

- Customized Tasks Checklist by department merging eco-actions for each resource.
- Microplastics OK- OK College- KYC Project: Capstone to measure the impact & contribution of our community on the water quality of the Okanagan Lake.

02

WASTE MANAGEMENT

- Haul our Compost bin during Spring-Summer (outside The Galley Cafe)
- Compact our landfill waste to reduce pick-up service.
- Minimal Packaging: Request less packaging throughout our supply chain.
- Signage & Bins: Keep improving design & location for the proper separation of waste.

03

ENERGY & WATER

- Eco-Actions: Track Water System & Checklists for Resource Efficiency by dpt.
- Dock Walking Campaign: Free Spill Kits for members.
- Spill Report: Monitor and report any spill as well as oil tank drips.
- Dock K Renovation Plan: Substituting the tire-foam for polyfloat flotation to reduce our impact on the harbour water.
- Pump-Out Station upgrade: Connect G-Dock to Pump Out station with new signage.
- Steel Piles: Gradual substitution of creosote piles for steel to diminish our environmental impact.

04

CULTURE

- Quarterly environmental goals check-up with Department managers.
- Request Minimal Packaging throughout our supply chains.
- ENV-SUS Training to current & New Staff.
- Bring your own mug Campaign: Discount at The Galley Café.
- Think Before You Print Campaign: Reduce Offices Printing.

05

RECONCILIATION

- Land acknowledgement: All traditional club events required to begin with it based on our Facilities Use Policy.

06

HEALTH & SAFETY

- Introduce & Promote Healthy International Meals for members at the Lounge.
- Emergency Preparedness: Update manuals & provide Fire Safety refresher to staff.
- Fire Emergency: Flags for fire suppression system.
- Emergency ladders: New emergency ladders & flags at Marina docks.

CONCLUSION

The participation of staff , members and other stakeholders is crucial for the achievement of these goals.

Would you like to be a part of this movement?

- 1.Start by watching the [Members Environmental Guide 101](#)
- 2.Follow us on [Social Media](#) & check our [Eco-Initiatives tab](#)
2. Check out these actions:



At the Marina

- Purchase Refillable Propane tanks. KYC won't take any single-use tank starting Spring 2023.
- Read the [Green Boating Guide](#).
- Winterize your boat & save \$ using a boat canvas.
- Report any spill to Dock hands & get your FREE Spill Kit at the kiosk or front office (Spring 2023).

At the Clubhouse

- Throw your waste in the proper coloured-bin.
- Help us to reduce our CO2 by keeping any window/door closed to keep the cool/warm air running inside our facilities.
- Bring your own mug/water bottle to refill.
- Let's take care of water! Use wisely any shower/water tab.



Events to Join in 2023

- Boat Show 2023
- Dock Swap & Shore Clean Up (Spring & Fall)
- GoByBike Week (Spring & Fall)

If you'd like to volunteer at any of our events or be part of our **Environmental Member Committee**, please send an email to brenda@kelownayachtclub.com

ACKNOWLEDGEMENTS

Kelowna Yacht Club acknowledges with gratitude that our facilities are located in the traditional, ancestral, and unceded territory of the Syilx Nation.

Executive Director & Executive Coordinator

KYC Staff

KYC Green Teams: Staff & Environmental Committee

Georgia-Strait Alliance Clean Marine BC

Thompson Okanagan Tourism Association

BC Tourism Resiliency Network - Synergy Enterprises

GreenStep Solutions Inc.

OASSIS

Microplastics Okanagan

Okanagan College

We thank you all for your continued support in our efforts to contribute to KYC goals!

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