



## SUSTAINABILITY HIGHLIGHTS 2022

11TH HOUR RACING TEAM IS A PROFESSIONAL OFFSHORE SAILING TEAM BASED OUT OF NEWPORT, RHODE ISLAND.

Our mission at 11th Hour Racing Team is two-fold. Firstly, to win The Ocean Race 2022-23 with sustainability at the core of all operations. And secondly to inspire positive action amongst the sailing community, within coastal communities, and with global sports fans, to create long-lasting change for ocean health.

Building on our positive progress from last year, we published our Climate Action Plan with a core focus on insetting to mitigate emissions. In addition, we publicly committed to compensating for at least 20% more greenhouse gases than emitted, in order to achieve a climate positive outcome.

In February 2022, we published our Sustainable Design and Build Report, which included the life cycle assessment of Mālama's build in a 'ready to launch' configuration. Since launch, several additional components have been built to optimize the boat ahead of The Ocean Race. There have been many positive outcomes of our life cycle assessment including data-informed changes to the IMOCA build rule and compulsory life cycle assessment for new builds.

In April, we hired a new Toolbox Community Manager to provide support, build the community network, and develop a pathway for future expansion. In May, KPIs were established to define the successful expansion of The Toolbox. In 8 months, our user base has nearly doubled, and we are on-track to exceed our one-year target of 500 users 4 months early.

A comprehensive campaign report, covering 4-years of activity, will be published in Q3 2023. We look forward to sharing our learnings and findings with you.

**Charlie Enright, Skipper & Mark Towill, CEO**  
11th Hour Racing Team

## INNOVATION TO REDUCE OUR IMPACT ON THE PLANET

Boats are built from carbon fiber: a material strong enough to withstand huge structural loads, storms, and a wide variance in temperatures.

OVER **100kg**  
**220lbs**  
OF CARBON FIBER REPLACED with more sustainable materials and nature-based solutions



THE TEAM HAS **Recycled** BROKEN CARBON FIBER COMPONENTS INTO A CARBON FIBER TAPE

HULL AND DECK BUILT WITH **100% RENEWABLE ENERGY**



**3** HATCH DOORS made of flax, recycled plastic, and bio-based resin

Cameras use AI TO KEEP AN EYE OUT FOR MARINE MAMMALS



Science equipment onboard MEASURING TEMPERATURE, SALINITY, MERCURY LEVELS, AND PHYTOPLANKTON



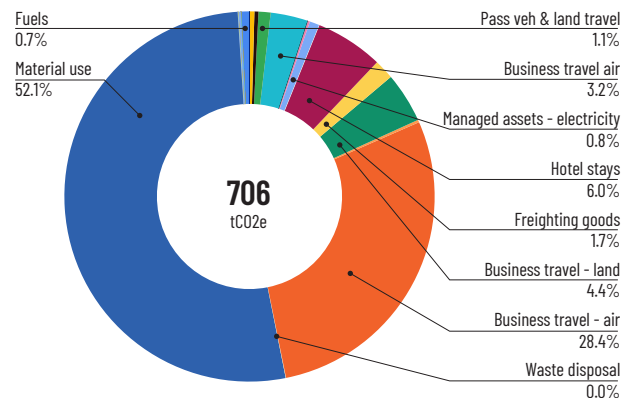
The core of all **2,000m**  
**6,500ft** OF MARLOW ROPES ONBOARD MADE FROM 100% BIO-BASED DYNEEMA a by-product of the timber and pulp industry



**75%** OF THE ENERGY GENERATED ONBOARD IS FROM SOLAR PANELS AND A HYDRO-GENERATOR



## 11TH HOUR RACING TEAM 2022 CARBON FOOTPRINT



## BUILDING THE TOOLBOX COMMUNITY

**DOUBLED COMMUNITY:**  
**476** Total  
Target **500** by July 2023



**COMMUNITY FROM 108 COUNTRIES**  
Exceeded target **x2**



**62 SECTORS ENGAGED**  
Target exceeded

**40% COMMUNITY OUTSIDE SPORT**

Events management and sustainability organisations make up the largest proportion of the Toolbox community after sport.

**64% SPORT COMMUNITY FROM ANOC**  
(Association of National Olympic Committees)

# LEADERSHIP

- We held **three** #OceanHour sessions introducing our grantees and sharing our **Climate Action Plan** internally and externally with our partners and suppliers.
- We doubled our engagement, connecting with over **5,000** people at conferences, workshops, and virtual events we attended. Topics covered ranged from environmental best practices, life as a sailor, sustainable materials, and The Toolbox.

*"Addressing the issues of climate change is fundamental to the future of our sport, the prosperity of all communities, and the health of our ocean. As a sports team, we have the opportunity to influence millions of people, but we must recognize that the sports industry is a non-essential sector, and therefore, even more so, we have to react responsibly and promptly to climate change."*  
**Charlie Enright, Skipper 11th Hour Racing Team**



# COLLABORATION

- We published our commitment to draw down 20% more greenhouse gases than emitted for a climate-positive outcome by the end of The Ocean Race 2022-23 in our **Climate Action Plan**.

*"Implementing the actions of our Climate Action Plan will allow us to align with the Paris Agreement and the UNFCCC Sports for Climate Action's target for net zero by no later than 2040. These are ambitious targets, but ones that we all have a responsibility to deliver on."*  
**Damian Foxall, Sustainability Program Manager**

- In preparation for The Ocean Race, we formed the **Marine Mammal Advisory Group** with the organizers. We co-created a list of recommendations around marine megafauna, our collective responsibilities and opportunities, and implications for the teams' safety at sea, and the event as a whole.

# INNOVATION

- We continued to advocate for the integration of sustainability into the **IMOCA Class Rules** including two innovative proposals to the Rules Committee on carbon caps and the internal price of carbon.
- We completed a pilot project collecting **3.5 tons** of carbon waste from the collective sailing community in Brittany, France, to be processed into **recycled carbon fiber (rCF)** through our new partner, Gen 2 Carbon.

*"The NextGen program has really opened my eyes to the exciting dynamic and complexities of using international sports as a platform to promote sustainability. Everyone on the team has led an inspiring example of what it means to work with passion."*  
**Rose Gallichan, NextGen participant**

- The idea of **GIVE BOX** came to life this year by making equipment no longer needed by racing teams available to others. Over 1 ton of high-quality equipment was reused this year, benefitting sailors starting on their journeys in Mini 6.5 and Class 40 fleets.

# LEGACY

● We supported **three grantees** this year: **Biosfera** to tackle the growing plastic pollution problem in Cape Verde, **Save the Med Foundation** to protect and restore the highly threatened and unique Mediterranean wildlife in Mallorca, and **Cape Town's Environmental Monitoring Group (EMG)** to tackle socio-economic inequalities through building durable and resilient water and land management within the local community.

- We nearly doubled **The Toolbox** community from 267 to **476** international users and expanded into many sectors including food and drink, and healthcare. Over 40% of users now come from outside the world of sport.
- The Toolbox launched its collaboration with the **Association of National Olympic Committees (ANOC)** sharing best practices on how to embed sustainable programs into their organizations. Over **120** Associations are now fully-fledged Toolbox users.
- The continuation of the **#NextGen** program enabled five young people from around the world to engage in the professional sports industry while the team gained hugely valuable input from their perspective.

