11 SAILING TEAM

SUSTAINABILITY HIGHLIGHTS 2021

11TH HOUR RACING TEAM IS A PROFESSIONAL OFFSHORE SAILING TEAM BASED OUT OF NEWPORT, RHODE ISLAND, USA.
EXPLORE THE HIGHLIGHTS OF THE TEAM'S THIRD ANNUAL SUSTAINABILITY REPORT.

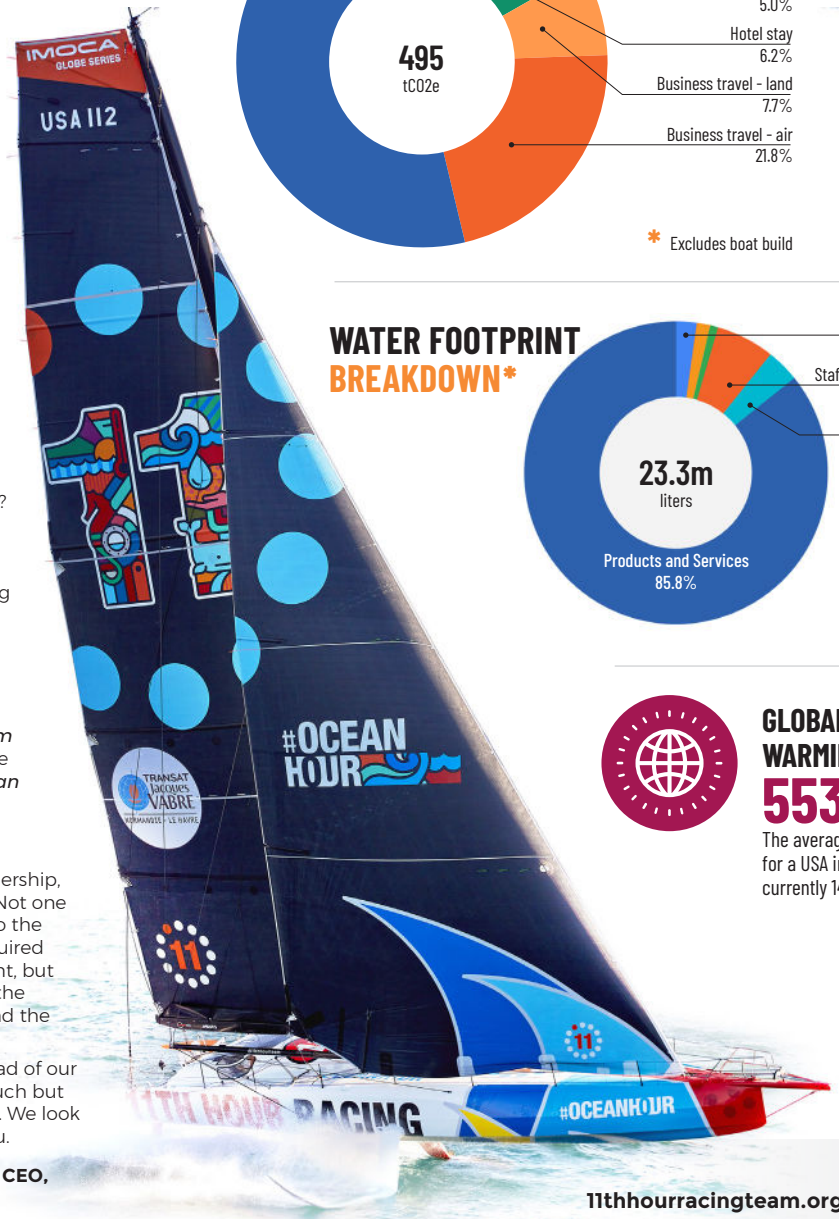
Our mission at 11th Hour Racing Team is two-fold. Firstly, to win The Ocean Race 2022-23 with sustainability at the core of all operations. And secondly to inspire positive action amongst the sailing community, within coastal communities, and with global sports fans, to create long-lasting change for ocean health. How will we achieve this? One of the most important ways is by reporting - openly and transparently - about our impact on the planet, mitigating the impact and also working on solutions that can leave positive regeneration in our wake.

So we set ourselves the task of consistently challenging the status quo. Not only by asking ourselves *'how can we reduce the impact of our Team and our boat build'*, but also, and more constructively in the long term, *'how can our learnings create tangible change within our industry and our wider community?'*

We have four pillars to our Team - Leadership, Collaboration, Innovation and Legacy. Not one of these elements alone will bring us to the 50% reduction in carbon footprint required by 2030 to align to the Paris Agreement, but combine them together and we have the opportunity to create impact far beyond the performance sailing world.

Working together is an important thread of our campaign: alone we can only do so much but collectively we can go so much further. We look forward to sharing our journey with you.

Charlie Enright, Skipper, Mark Towill, CEO, 11TH HOUR RACING TEAM

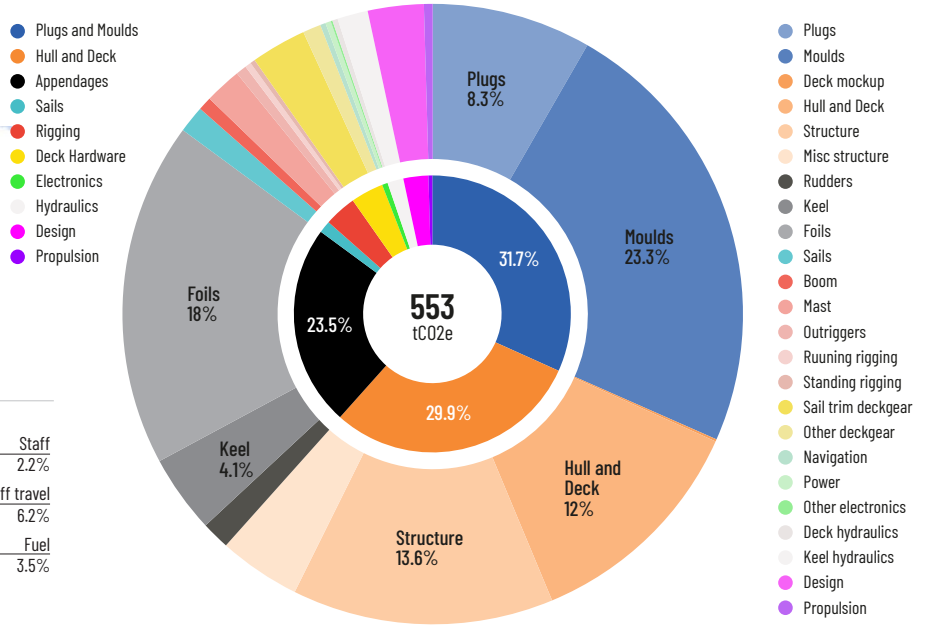


11TH HOUR RACING TEAM CARBON FOOTPRINT BY CATEGORY*

* Excludes boat build

WATER FOOTPRINT BREAKDOWN*

BUILDING A NEW 60-FOOT RACE BOAT: GREENHOUSE GAS BREAKDOWN BY GROUP & SUBGROUP



MĀLAMA LIFE CYCLE ASSESSMENT RESULTS

GLOBAL WARMING
553 tCO2e
The average annual GHG for a USA individual is currently 14 tCO2e

MINERAL RESOURCE SCARCITY
10,300 Kg Cue
enough to produce 130 electric cars

ENERGY CONSUMPTION
15,900,000 MJ
equivalent to 370 North American homes' energy use for one year

WATER CONSUMPTION
7,500 m3
the equivalent of three olympic swimming pools

MARINE EUTROPHICATION
231.7 kg Ne
The impact of our materials and processes as it relates to the marine environment

LEADERSHIP

- Through our **internship** program, Etienne Le Pen's contribution to the life cycle assessment of Mālama produced the most high resolution IMOCA build impact study in ten years.

"On a personal level, this project allowed me to develop my pragmatism and creativity, essential qualities in the field of eco-design which will be helpful for the upcoming environmental assessments I was asked to carry out. It's been a pleasure to share this experience with sustainability leaders in the marine industry and I'm very proud of the outcomes and progress we've made. ***Merci beaucoup Etienne.****"*

- In 2021, we held **eight** #OceanHour Sessions covering topics of ocean governance, zero waste cooking, mediterranean wildlife, water footprinting, behavior change, and plastic free living.
- We engaged with **2,158** people in a variety of conferences, workshops, and virtual events on topics ranging from environmental best practices, life as a sailor, sustainable materials, and The Toolbox.

#OCEAN HOUR

COLLABORATION

- The life cycle assessment work contributed to the incorporation of the **new IMOCA Class rule** of favoring the use of bio-sourced and recycled carbon materials in new IMOCA builds.
- Through collaboration with a number of Brittany, France based suppliers, the Team invested **50%** of their total annual spend in the local economy.
- While the Team had over **300 suppliers in 2021**, 65% of the spend was with just 10 organizations. These 10 top organizations engaged with us on sustainability management, addressing topics such as packaging, transport, energy, life cycle assessment, climate action, and waste management.

INNOVATION

- The sustainability team were **pilot partners** to MarineShift360, a life cycle assessment tool for the performance marine industry. Launched in Spring 2022, the Team contributed to the development of the tool for the benefit of others.
- We conducted research and development of **alternative materials** after calculating that 80% of greenhouse gas emissions were associated with composite materials, which mostly consists of resins and virgin carbon fiber. We used materials with a **lower carbon footprint** like bio-resins, recycled PET core, recycled carbon, and flax for use in nonstructural components of the boat.

- In the transition to a circular economy, we were inspired by **biomimicry** - taking cues from nature in the design processes, which resulted in solutions that were more efficient and less wasteful. Onboard, we used powerRibs - a leaf vein inspired structure that resulted in a reduction of single use plastic consumables, and increased the performance of the resin infusion process.

LEGACY

- The 2021 participants in our **#NextGen** program benefited from a range of virtual learning opportunities all focused on sustainability. The six-strong crew joined our #OceanHour training program, had individual coaching sessions, and joined networking opportunities to grow their career and personal projects.
- We work with a network of legacy grantees around the world and in 2021 supported two in France - Explore on their 12 ocean health related sustainability toolkits, reaching 600 children and the Marine Station Concarneau's Young Reporters Program. Over in the USA we worked with Plant a Million Corals Foundation funding the design and production of 20 tanks that will better facilitate the growth of coral, furthering the organization's mission to replenish the suffering coral population around the world.
- In 2021 we devised a long-lasting, impactful resource, publishing **The Sustainability Toolbox** in English and French to help any organization, whatever their industry, to put in place their own sustainability programs. By the end of 2021, the user base had reached over **200 international organizations**.