



Expedition Zero: Decarbonising the Marine Industry

Join us on a journey to transform the marine industry with commercially scalable solutions that reduce environmental impact by 90%.



The Global Marine Economy: Vast and Growing

\$2.6T

Ocean Economy

Representing 4% of Global GDP with over 100M jobs directly in ocean industries

12B

Tons Cargo

Carried in 2023, with 2.4% annual growth projected through 2029

\$24T

Asset Value

Estimated total value of ocean assets worldwide

Growth Sectors



Shipping & Ports

Over 80% of traded goods with tightening decarbonisation requirements



Fisheries & Aquaculture

223 Mt output (2022), with aquaculture now exceeding capture fishing



Marine Tourism

Largest ocean service trade, approximately USD 725B (2023)



Marine Biotech & Services

Innovation-led growth in data, health, and sustainability

The Environmental Challenge

Marine Operations: ~1.5 Gt CO₂e per year (3% of global footprint)

Key takeaway: Direct marine operations are a major emitter. Decarbonisation opportunities exist in green shipping, efficient aquaculture, sustainable fishing, and low-carbon shipbuilding.

Shipping

~0.9–1.1 Gt CO₂ (2–3% of global emissions)

Fishing Fleets

~0.16–0.18 Gt CO₂e

Seabed Trawling

~0.37 Gt CO₂ (emerging science)

Vessel Construction

~0.03 Gt CO₂ (shipbuilding lifecycle est.)





Our Vision

"Decarbonise the marine industry through commercially scalable technology, deployed across the full value chain"

90%

Reduction

In environmental footprint versus current solutions

We're building a sustainable technology group operating across the full marine value chain



Group Expedition Zero



Advanced materials for strength, durability and sustainability

- ✓ Cost competitive, advanced mineral based composites with multi-sector potential
- ✓ Potential to transfer technology & expertise to other marine and non marine applications via our IP in mineral fibre technology



Lead the world in sustainable yacht build and lease

- ✓ The world's finest commercial sailing yachts. Designed for the rigours of off-shore adventure.
- ✓ Sustainability and functionality at the core



Become #1 global sustainable adventure sailing brand

- ✓ Develop new sailing destinations worldwide, for every level of sailing
- ✓ Develop the next generation of skippers and sailing business owners through Open Oceans and Wavysail Academy

EcoMinera: Our Revolutionary, award winning Composite Material

Over £1 million invested in research over 15 years



100%

Recyclable

- **Stronger than steel**
- **Lighter than Fibreglass**
- **Does not corrode**
- **Organic based resin**

developed as a joint venture with Innovation Yachts as a cost-effective, more sustainable substitute for E-Glass / S-Glass applications.

This revolutionary composite construction material forms the foundation of our sustainable marine technology.

We're now using EcoMinera to build commercial sailing yachts

Three Clear Missions

Off-shore Sailing Adventures

Providing unique, sustainable sailing experiences for adventurers worldwide

Marine Research

Supporting scientific exploration and environmental monitoring

Marine Filming and Storytelling

Documenting ocean adventures and environmental stories



Targeting a High-Growth Market

Yacht Sales Market

£3.5B

Market Size

Current global sailing yacht market

15%

Annual Growth

As people seek to explore the world

We selected the commercial yacht sector because it is a high-growth market, currently under-served, that perfectly demonstrates the potential for EcoMinera to operate in the worlds most challenging environments.



Addressing a Critical Environmental Problem

70,000

Tons of Waste

Generated per year from yacht construction

24,000

Abandoned Yachts

In EU alone, creating disposal challenges

**Our yachts will offer a 90%
reduction in environmental
footprint versus current
solutions**

Validated by independent ESG provider



Proven Technology: Technical Prototype already completed



We've already proved EcoMinera's exceptional capability for demanding Ocean adventure via a technical prototype.

- 60ft technical prototype already completed thousands of miles of sea trials
- 2 major ocean voyages: Technology & systems validated

Weight Comparison:

Typical 70ft Steel Yacht

35-38 Tons

60ft EcoMinera Prototype

9.8 Tons (of which 4.3 tons is keel!)

We're now building the First of the Commercial Fleet

ExpeditionZero "Explorer Class" yacht

launch scheduled for 2026

This yacht will be leased to and operated by Wavysail for award-winning ocean adventures.

Key features:

- 90% reduction in environmental impact, independently verified by Marineshift360
- Advanced sustainable materials throughout construction
- Designed specifically for commercial expedition sailing



Wavysail will operate an EcoMinera fleet of Expedition Yachts

Award winning Ocean Adventures Worldwide

Approach:

- Accessible Ocean adventures for all experience levels
- Worlds leading Skippers
- Combining adventure with environmental education
- Creating unforgettable ocean experiences

Destinations:

- Arctic and Antarctic expeditions
- Tropical island adventures
- Coastal explorations
- Ocean crossings and challenges





Strong Market Demand Already Demonstrated

100%

Reserved for 2026

First yacht fully booked for inaugural season

70%

Reserved for 2027

Second season already largely committed

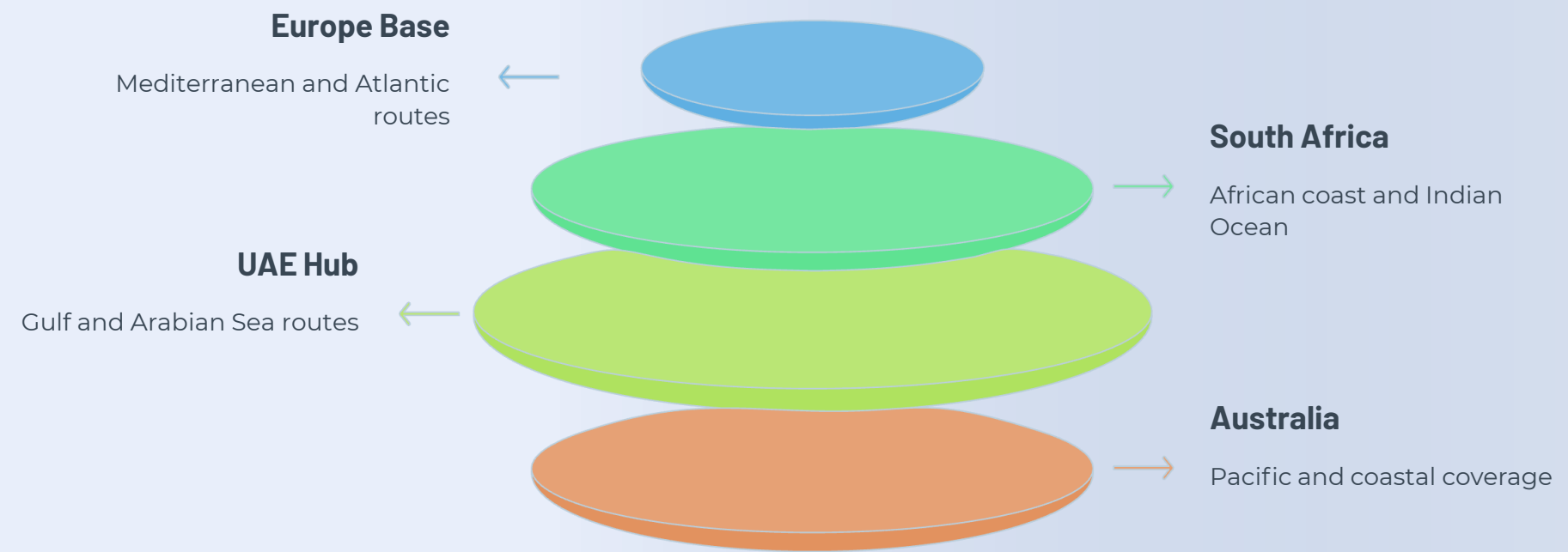
3+

Additional Yachts Demanded

Customer interest would cover capacity for at least 3 more vessels

This is based on "word of mouth" and before we have started any proactive marketing – reinforcing the scale potential of the business.

Global Expansion Strategy



Rapidly Expanding Global Coverage:

1

First Yacht
Based in Europe, serving Mediterranean and Atlantic routes

2

Second Yacht
Based in South Africa, serving African coastal and Indian Ocean routes

3

Third Yacht
Based in the UAE, serving Middle Eastern and Indian Ocean routes

4

Fourth Yacht
Based in Australia, serving Pacific and Oceania routes

Economic Impact & Business Potential

By establishing Expedition Zero, we're not just creating a business – we're launching a transformative eco-system that will position us as a global leader in sustainable maritime technology for decades to come.

Revenue Generation

\$90M in direct revenue through yacht sales, tourism operations, and technology licensing, creating significant tax base and economic activity.

Direct Employment

20+ highly skilled jobs in manufacturing, operations, research, and tourism, with additional indirect employment through our supplier ecosystem

Capital Investment

\$7M in production facilities, creating a world-class manufacturing center for sustainable vessels that attracts complementary businesses.

R&D Advancement

\$1M partnership with local University establishing them as a leader in sustainable materials research with wide-ranging applications.

Marketing Support

\$2M in direct marketing spend, featuring the area as a destination for sustainable tourism and business.

EcoMinera has huge scale potential across marine and other sectors as a sustainable and fully recyclable composite material

Composites Market Opportunity:

\$100B+

Market Size (2024)

9%

CAGR to 2030s

76%

GRP of Global Value

Key opportunity sectors:



Construction : panels, rebar, insulation



Transportation – EV battery enclosures, body panels, trucks



Renewable Energy – wind turbine blades



Marine & Industrial – boats, tanks, pipes



EcoMinera's Edge

- High tensile strength (1200–1500 MPa)
- Competitive cost (50% of Carbon Fibre based materials)
- Low CO₂ footprint & full recyclability
- Superior corrosion, fire & chemical resistance
- Circular-ready for next-gen construction



Led by an experienced leadership team

Jim Dobie - COO



Experienced RYA Examiner
Worldwide expedition leader
Prior head Fleet operations for Clipper

Andrew Cowen - CEO



25 years commercial experience
Ex Global Board Unilever
Multiple start-ups

Richard Wilson – Chair



Experienced Global financial services
leader with proven track record of
success

Board Advisor : Investor
Aly Rahimtoola



Serial Entrepreneur with a former career
in Investment banking and Shipping

Technical lead EcoMinera
Andy Hindley



Ex COO America's Cup, Ex CFO Ben
Ainslie Racing, Event Director Volvo
Ocean Race

Our Growth Journey

1. First EcoMinera yacht completed

NOW - Q2 2026

- **Revenue Potential :** £5.3M over seven years 36% EBITDA margin
- **Financing Required:** £2M (£500k equity / 1.5M debt)
- **Use of funds:** First commercial yacht into service

2. Scale up of marine business

Starting early 2026

- **Revenue Potential :** £50M by year 5 38% EBITDA margin
- **Financing required:** £15M
- **Use of funds:** Integrate Innovation yachts and EcoMinera into EZ (one off cost) Develop licensing model for EcoMinera

3. Expand EcoMinera into other verticals

2026 onwards

- **Revenue Potential :** +£1B (1% of composites)
- **Financing Required:** TBC
- **Use of funds:** New production facilities to scale production R&D partnership to develop EcoMinera further



Investment Opportunity

Join our pre-scale up round

- Issuer: Expedition Zero Ltd
- Security: Ordinary Shares
- Valuation: £5.2 million
- Min Investment: £50,000
- Par Value: £25 per share discounted to **£20 per share**
- Target funding: £250,000
- Close: 30th September

Use of funds

- Market Research and sector evaluation: £30,000
- Marketing and Promotion ahead of Series A: £60,000
- Team (including specialist contractors): £80,000
- Legal and IP Protection costs: £80,000

Investor Benefits

- ✓ S/EIS available to UK investors
- ✓ **50%** discounted sailing with Wavysail for life
- ✓ Investments exceeding £250,000 eligible for **reserved place on the "Northwest passage"**

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- ⊗ Investing in new and early-stage businesses entails risks, including the risk that an investor may lose the entirety of their investment.

Industry Recognition

"Thank you for your time to present the market entry strategy for Expedition Zero; it is possibly the best I've ever seen – it's clear and your impact perfectly articulated."

— Regional Head of Trade & Investment of a major country

"The innovative solutions ExpeditionZero presented today showcase genuine commitment to the evolution and sustainability of the maritime industry."

— Bernard d'Alessandri – General Manager, Yacht Club De Monaco

