

Oceans, Electrified.



COMPANY *Profile*

Cleaner & Quieter *Oceans*



About Us



Navalt is an eco-marine group building world-class solar-electric vessels, driven by a focus on clean, efficient maritime solutions. Our mission is enabled by Greenship, which develops advanced electric propulsion systems, and Oceanix, a cloud-based intelligence platform that optimizes performance, reduces fuel costs, and lowers emissions. Together, they form an integrated ecosystem spanning manufacturing, electrification, and data analytics. Extending this ecosystem beyond India, Navalt has partnered with Gulfiniti to bring its solutions to the UAE, marking a strategic step in scaling sustainable maritime technologies globally.

TimeLine

● 2009

The year we built our very own first solar-electric boat, the Sunrider. It went on to win and secure the **Limca Book of Records** for the fastest solar boat ever built.

● 2012

We successfully retrofitted a petrol boat into our first solar-powered fishing vessel

● 2013

Established and Kick started the company, **Navalt Solar and Electric Boat**.

● 2015

Constructed CIFT Sun Boat, it's the first compact solar fishing boat from Navalt.

● 2017

Triumphantly built **India's very first solar ferry, Aditya**.

● 2019

Awarded the prestigious "Efficient Solution" Label by the **Solar Impulse Foundation** for advancing UN SDGs 6, 7, 9, 11, & 12.

● 2020

Aditya becomes the **world's best solar-electric ferry**. Gustave Trove Award

● 2021

Social Enterprise of the Year at **TiE Sustainability Summit** for driving real social impact and leading by example.

● 2022

SRAV becomes the **world's best solar electric work boat**. **Gustave Trove Award**

Navalt was awarded the **Green Talks Fellowship Award** in 2022

● 2023

Launched India's fastest solar electric boat, **Barracuda** & India's largest solar electric cruise boat, **Indra**.

Navalt takes home the Berlin Startup Energy Startup awards 2023 for the **best startup in the mobility and transportation sector**.

● 2025

Navalt was awarded the Life Below Water Guardian Award at Green Talks 2025.

Navalt partnered with **Gulfiniti** to expand its sustainable maritime solutions into the UAE.

● 2026

Relentlessly working ahead with a 150+ strong team of passionate naval architects and marine engineers towards **cleaner and quieter oceans**.

Achievements



Winner of the **best startup in the world** in transportation & mobility sector.



Winner of **Gustave awards 2020 & 2022** for “The world’s best electric ferry for paying passengers” & “The world’s best electric workboat” respectively

Other Achievements

The logo of the Ministry of External Affairs, Government of India, featuring the Ashoka Lion Capital and the motto "सत्यमेव जयते" (Satyameva Jayate).	The logo of FICCI (Federation of Indian Chambers of Commerce & Industry), featuring a stylized orange and green swoosh.	The logo of SOLARIMPULSE, featuring a circular emblem with a world map and the text "SOLARIMPULSE" and "EFFICIENT SOLUTION".	The logo of The Royal Institution of Naval Architects, featuring a circular emblem with a crown and the text "THE ROYAL INSTITUTION OF NAVAL ARCHITECTS".	The logo of green talks, featuring the text "green talks" in green and "Ideas that Impact" in smaller text below.
The logo of GCIP (Global Climate Investment Program), featuring the text "GCIP" in blue and green.	The logo of the International Visitor Leadership Program, U.S. Department of State, featuring a globe and the text "International Visitor Leadership Program U.S. Department of State".	The logo of ACTION FOR INDIA, featuring a stylized red and green figure and the text "ACTION FOR INDIA".	The logo of KERALA FOSTERING ENTREPRENEURSHIP, featuring a red and white emblem with the text "KERALA FOSTERING ENTREPRENEURSHIP".	The logo of TISSOT, featuring the text "TISSOT" in black with a small red cross emblem above it.

Vision

Our vision is to to become the world’s foremost marine technology company, pioneering the electrification of marine transport.

Mission

Our mission to electrify the oceans and accelerate the maritime transition to sustainable energy.

Experience

87 Total No of Boats

46 Boats in Operation

41 Boats in Construction

Locations

Israel - 02	Cyprus - 02	Canada - 01	Seychelles - 01
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India - 81

kerala	52
Uttar Pradesh	05
Odisha	05
Maharashtra	05
Punjab	04
Tripura	03
Madhya Pradesh	02
West Bengal	01
Karnataka	01
Tamil Nadu	01
Himachal Pradesh	01
Goa	01

Applications

Tourism	58
passenger Transport	19
Fishing	07
Vehicle Transport	02
Work Boat	01



Boats

In Operation



Aditya - 75 Pax



Aditya V2 - 75 Pax



Riveiere - 75 Pax



Nirva - 10 Pax



Srav - 6 pax



Barracuda - 10 Pax



Lraj green - 44 pax



Vembanad - 20 Pax

Boats

In Operation



Indra - 100 Pax



Marsel - 30 Pax



Avalon - 15 Pax



Limo - 10 Pax



Destiny - 30 pax



Apollo - 75 Pax



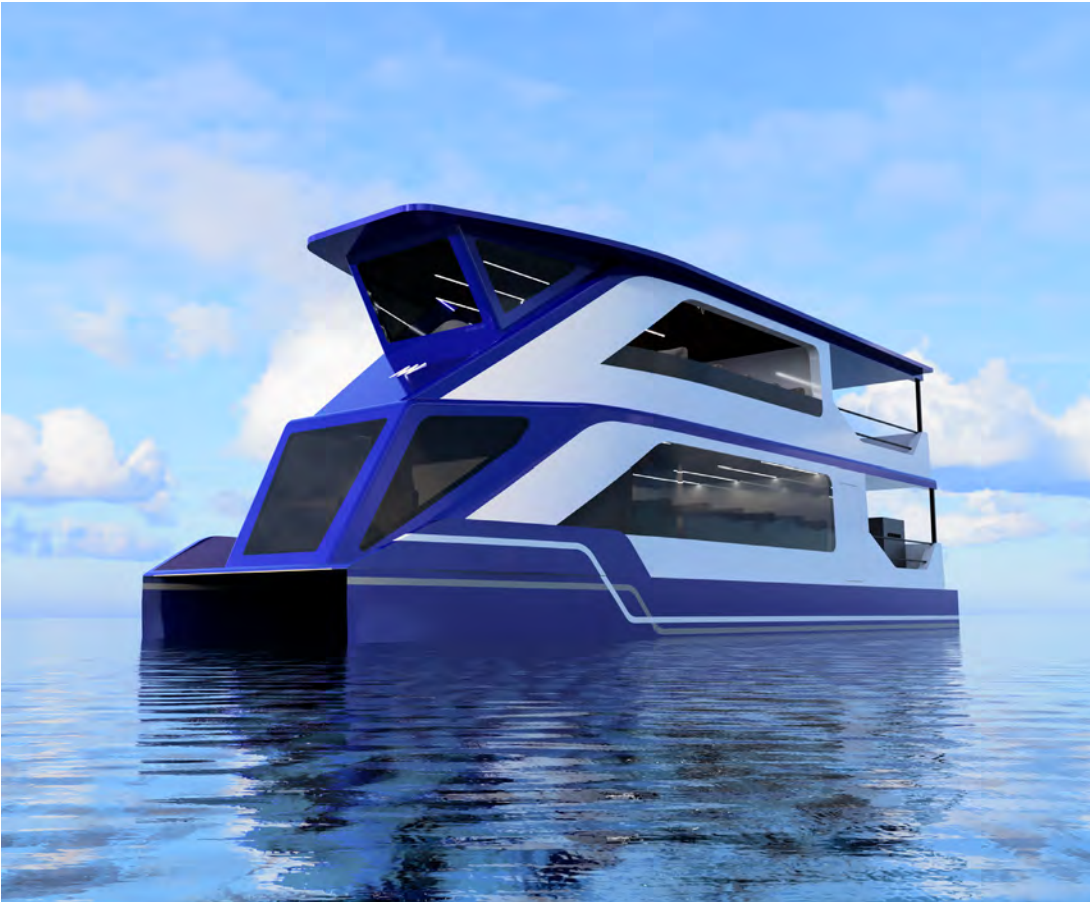
Poseidon - 90 Pax



Eka CIAL - 20 Pax

Boats

Under Construction



Sirius - 56 Pax



Zayle - 100 Pax



Kraken - 20 Cars



Jesus Boat - 55 pax



Blue Air - 30 Pax



Estirar - 10 Pax

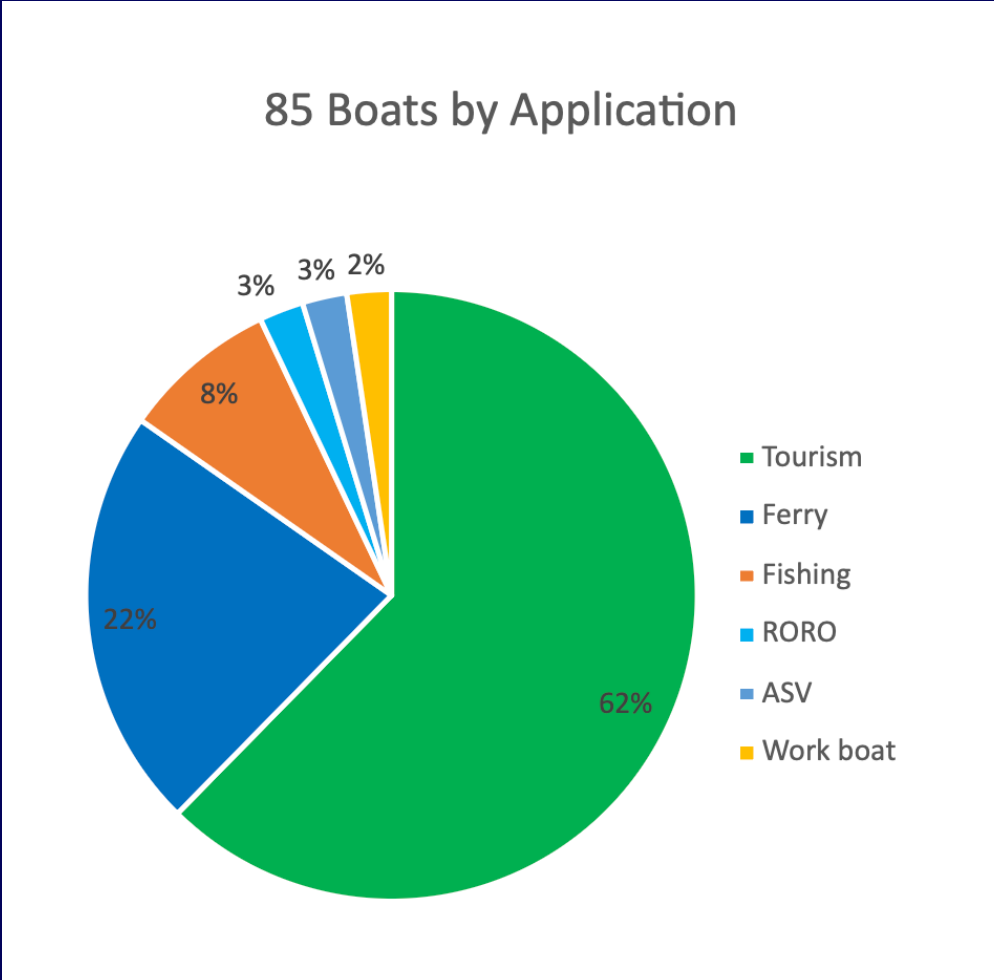


Drona - 35 Pax

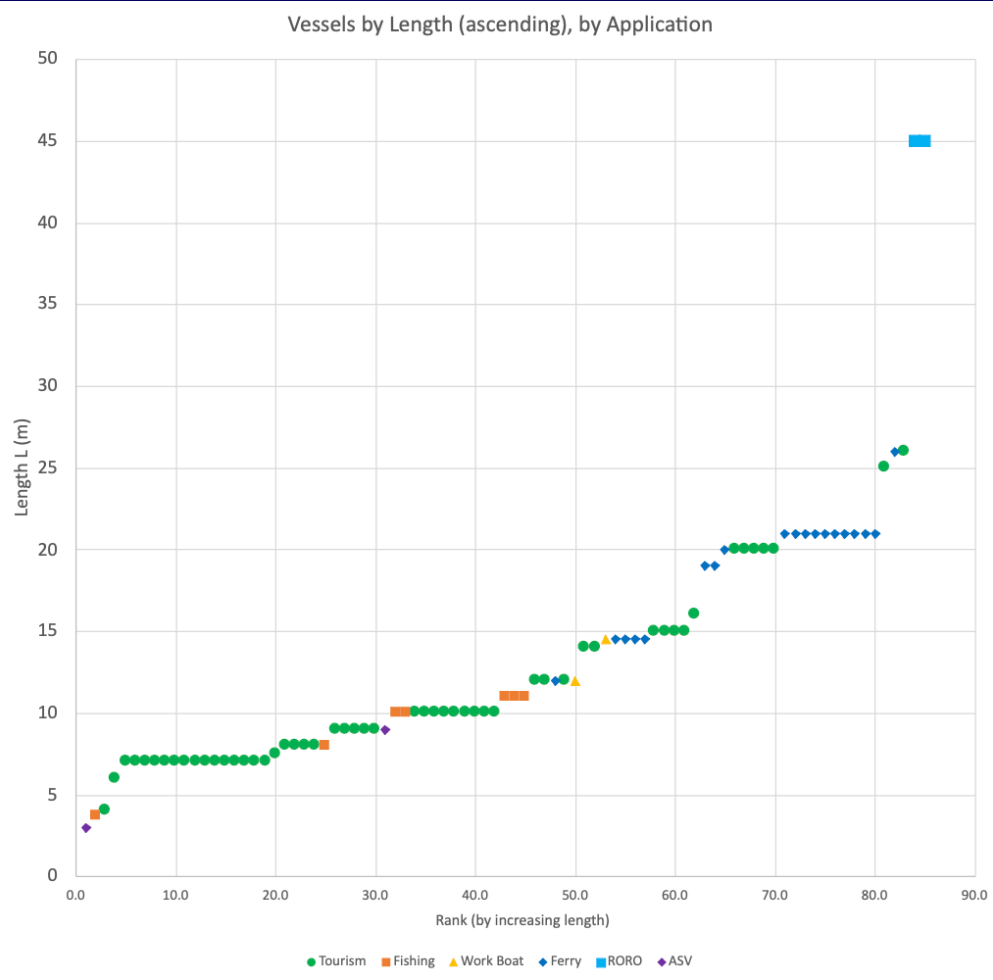


Dhruva - 30 Pax

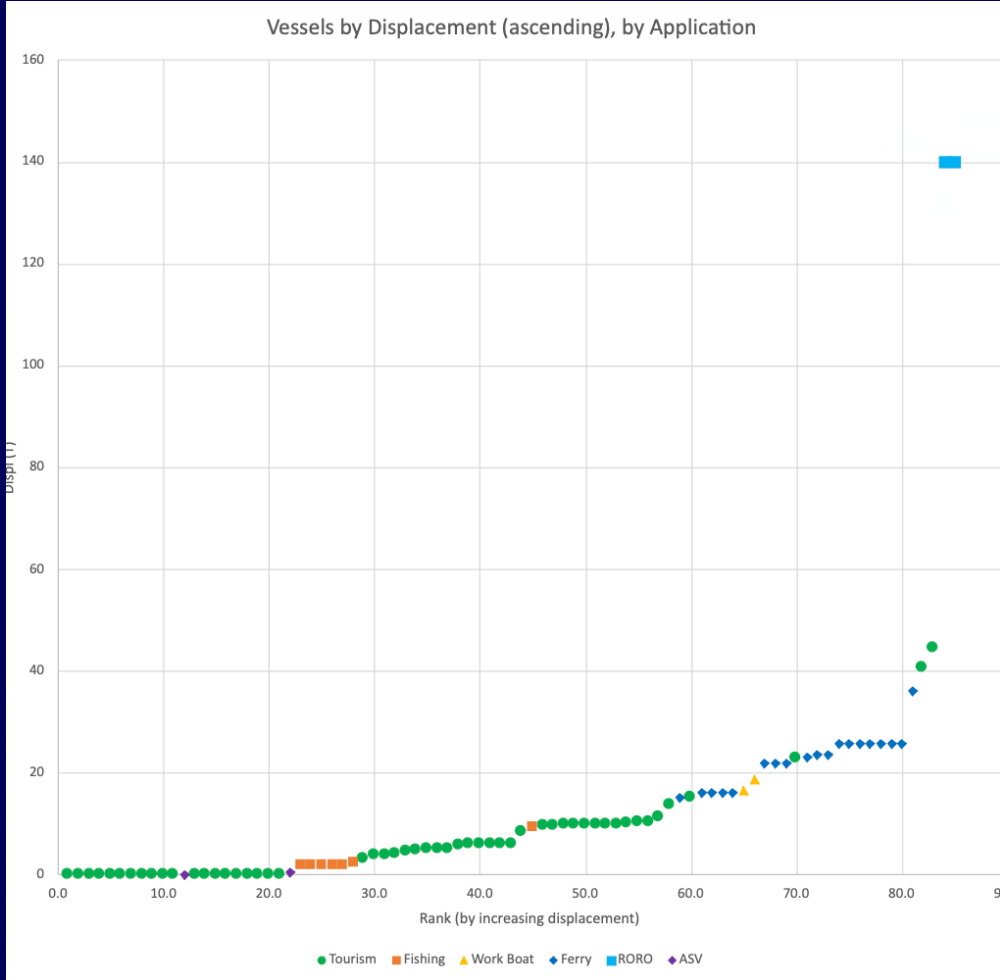
Market & Opportunity



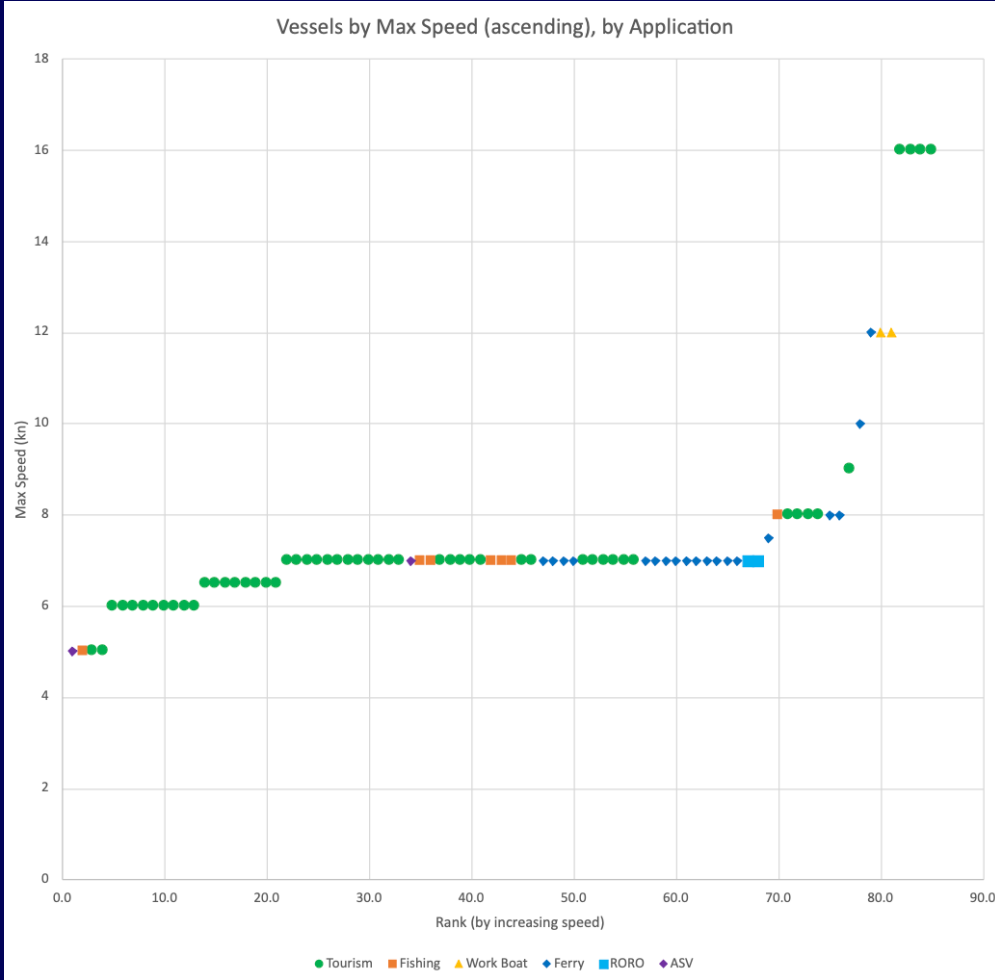
Application



Length



Displacement



Speed

Tam India (Cumulative)



- **Ferry boats** - 1000 (Harit Nauka) scheme + 10000 ferry in India. 50,000 Cr.



- **Tourism boats** - 20,000 boats in India. 20,000 Cr.



- **Tourism boats** - 20,000 boats in India. 20,000 Cr.



- **Defence boats** - 5,000 boats in India. 50,000 Cr.

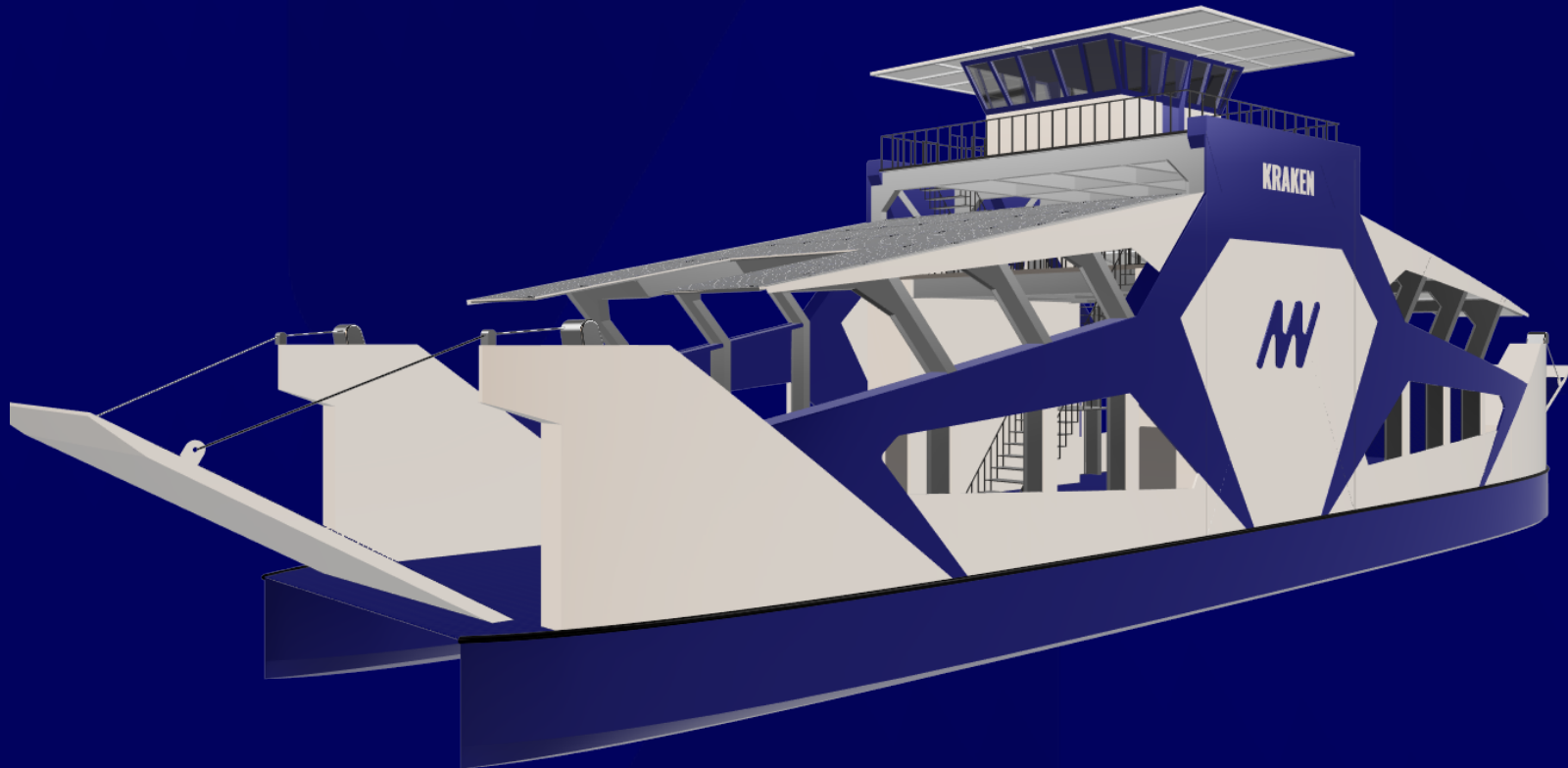
Market & Opportunity



- **RoRo** - 1000 potential.
15,000 Cr.



- **Tugs** - 200 (GTT Scheme)
Vessels in India. 20,000 Cr.
(system alone is 50% of this.)



Annual Potantial - Category and key Countries

	India	Middle East	South East Asia	Africa	Europe
Ferry	50,000	2,000	20,000	500	4,000
RORO	1,500	2,000	4,000	150	350
Tourism	2,000	2,000	8,000	20	1,500
Fishing	6,250	1,000	1,000	1,000	2,000
Tugs & ships	1,000	600	500	250	2,000
Total	15,750	3,960	33,500	1,920	9,800
	64,930				

Middle East	UAE, Bahrain, Oman, Qatar, Saudi Arabia
South East Asia	Thailand, Malaysia, Indonesia, Philippines, Vietnam, Fiji
Africa	Nigeria, Sierra Leone, Kenya, Uganda, Tanzania
Europe	Cyprus, Greece, Finland, Norway

A Moat Built on Integration Not Just *Boats*

Proprietary Propulsion

- Greenship-branded ESS, powertrain, and control systems engineered in-house not third-party kits bolted onto a hull. [30-40% price advantage]
- Quick maintenance and after sales support anywhere in India

Recurring Revenue Layer

- Oceanix ship-performance analytics turns hardware sales into a subscription relationship a data moat competitors can't replicate without years of fleet operating data.
- 1100 ships live and 2000 ships over a decade.

Reliable and Rugged solution

- First ferry running in its tenth year of successful operation in public transport
- 46 boats in operation, 39 more under construction
- Long history, quantity of systems, and variants of applications ensure learning which no one has

Vertical Integration

- Design, build, system manufacturing & integration, operation & maintenance under one roof. Most competitors do one or two of these; NAVALT does all four, from naval architecture through Oceanix analytics
- Optimised for overall performance as opposed to individual section

Manufacturing Scale-Up

- 3D-printed boat manufacturing and automated battery assembly move NAVALT from project-built to line-manufactured the specific capacity unlock behind the 2028-30 growth in the next slide's chart.

The Team

Sandith Thandasherry

Founder & CEO

BTech Naval Architecture IIT Madras,
MBA INSEAD
25 years shipbuilding experience
6 years in S.Korea, Japan

Nishu Kurup

CTO

B.Tech Naval Architecture IIT
Madras, ME Ocean Engineering
Texas A&M 17 years Offshore
design in US

Baburaj

Construction Head

B.Tech Mechanical Amrita School of
Engineering
15 years experience in Construction

Remitha K Madhu

Director

BTech Electrical GEC Thrissur
7 years in teaching, 5 years in R&D

Somanadhan K

CFO

Chartered Accountant
25 years in Finance - Lulu

Suraj S Das

O&M Head

BE Mechanical Anna University
17 years Plant Maintenance &
Shipbuilding

Ashish Agarwal

Banyan Tree nominated Director

18 years in Private Equity

Dr. Shyam B

Head - R&D & Products

PhD Electrical, Amrita University
10 years Academic Research & Industry
5 years Academia

Sujith S

Oceanix Head

B.Tech Marine Engineering
10+ years Sailing, 5 years
Maritime Software

Institutional backing: Banyan Tree.

150+ employees across engineering, naval architecture, manufacturing and operations.



Cleaner & Quieter Oceans

Built to Scale.

We are electrifying marine transport, one waterway at a time and we're just getting started.