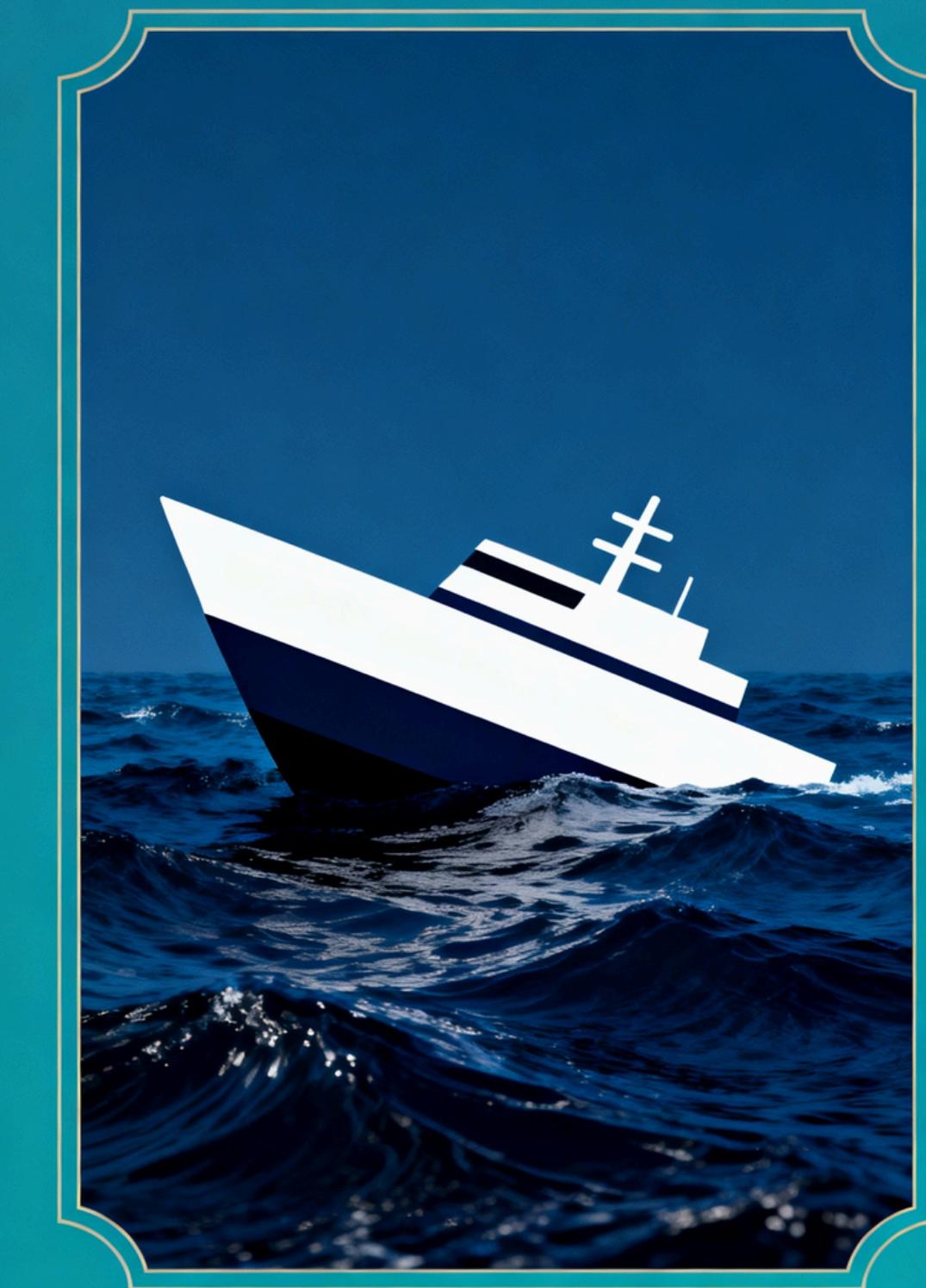


MSME: Creating Impact



Sandith Thandasherry
Founder & CEO, Navalt

 **Navalt**



OPEX





Weight

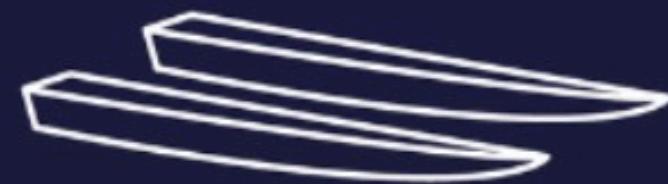
Challenge

from

35 Ton —→ to

17 Ton

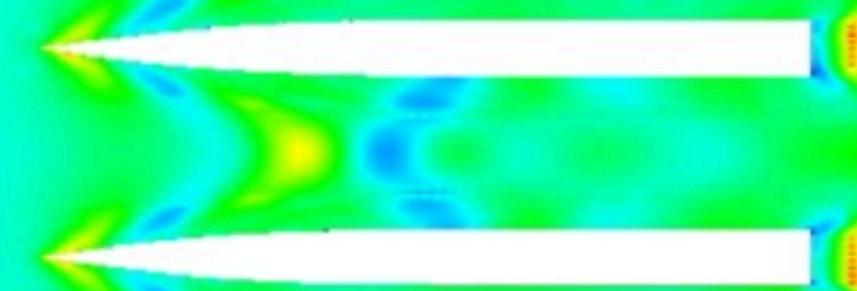




Hull Efficiency

Challenge

from
45 KW ————— to
15 KW



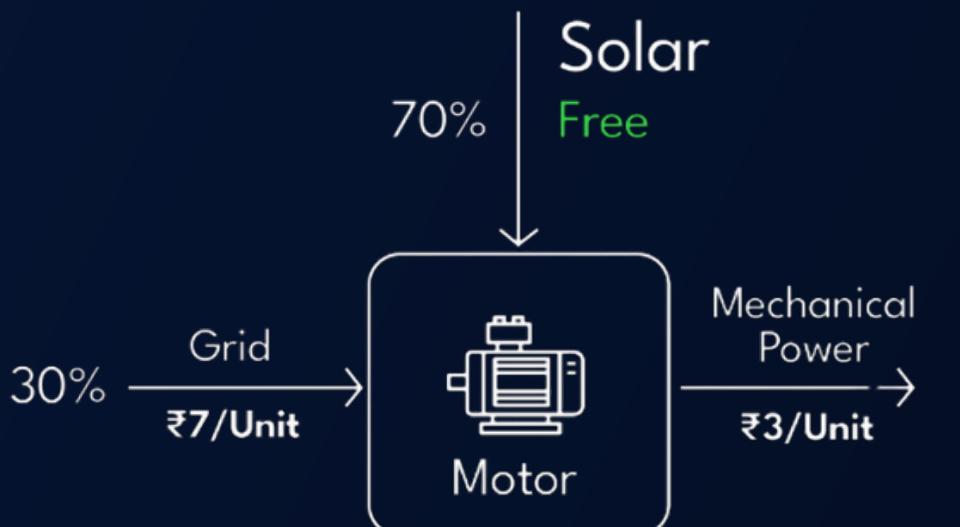
Diesel Boat



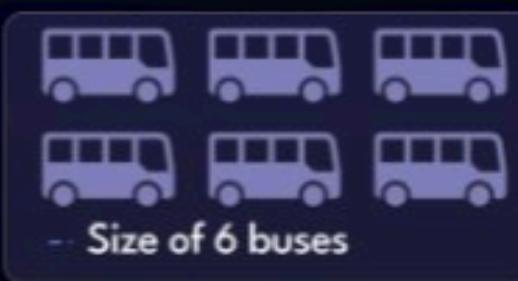
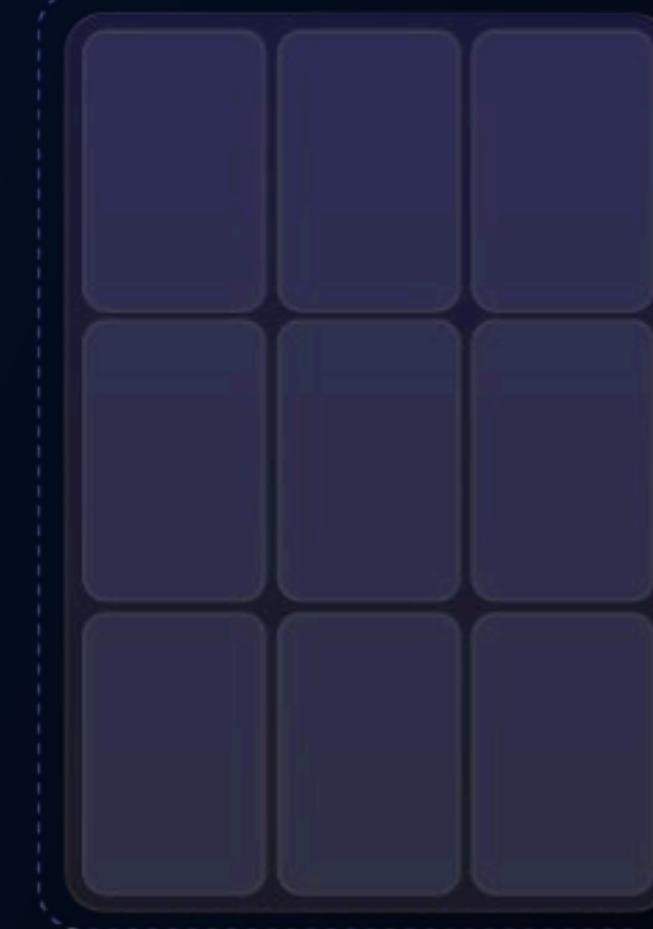
Electric Boat



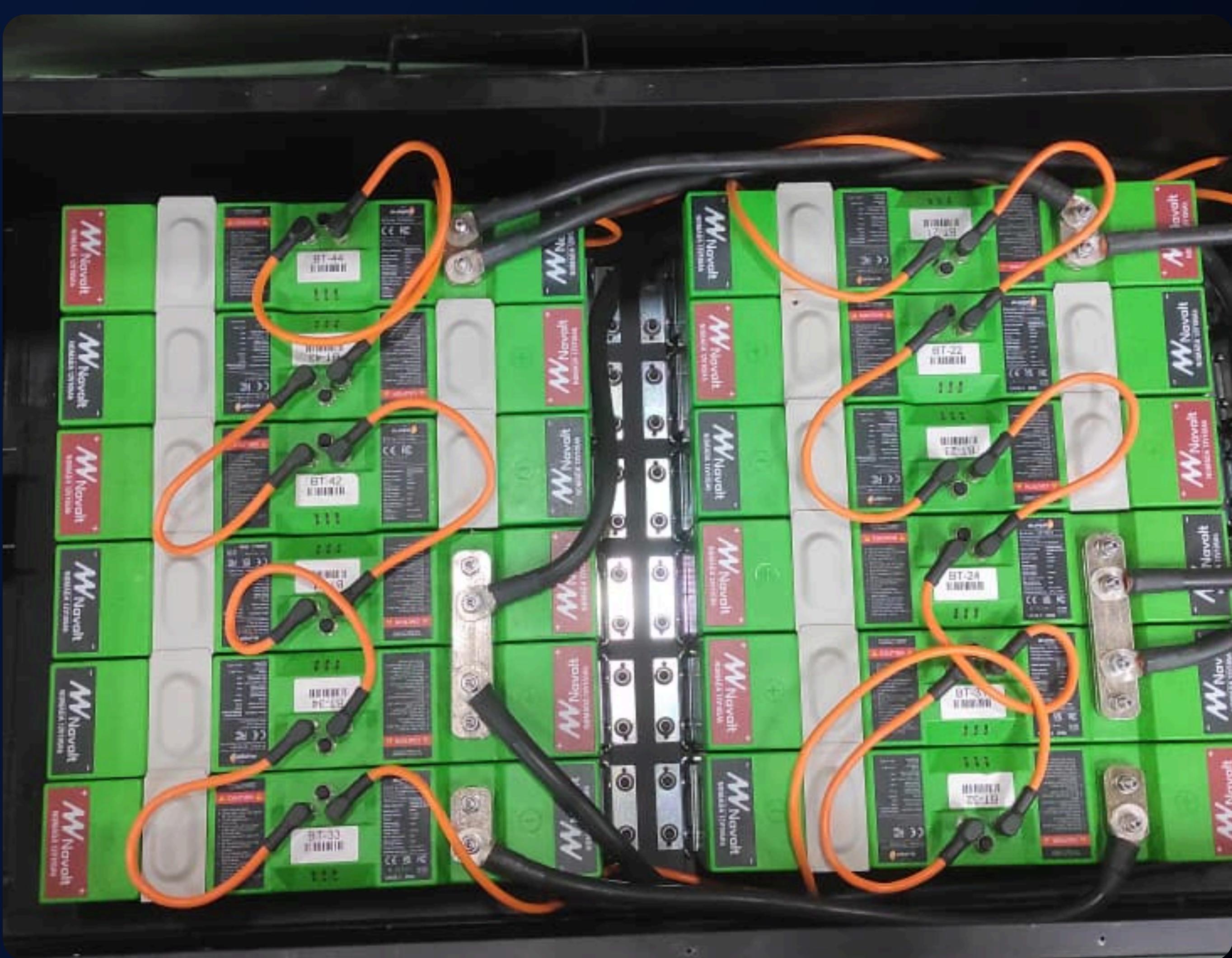
Solar Electric Boat

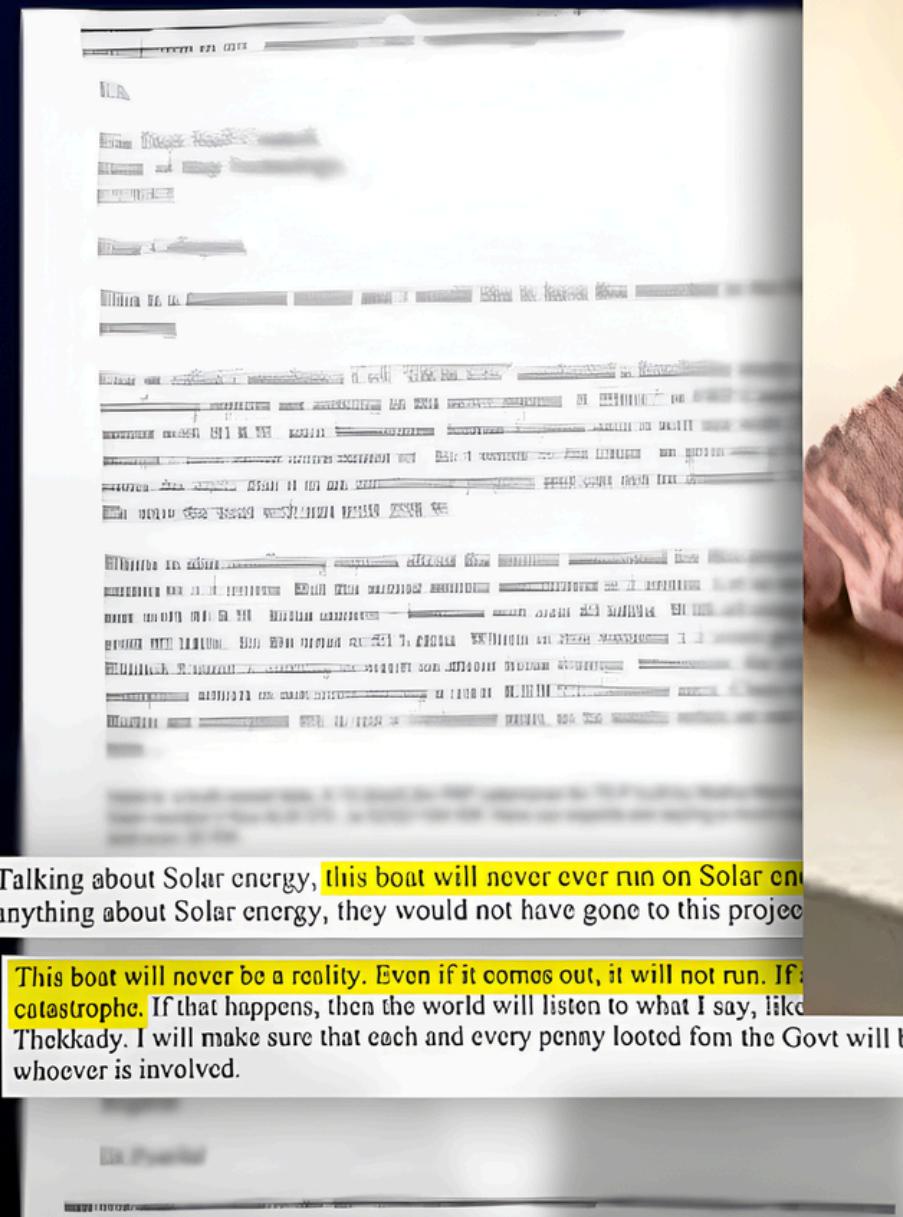


5m x 15m



- Size of 6 buses
- 7m x 21m
- 20kW Solar Panel
- 80kWh Battery





Talking about Solar energy, this boat will never ever run on Solar energy, anything about Solar energy, they would not have gone to this project.

This boat will never be a reality. Even if it comes out, it will not run. If a catastrophe, If that happens, then the world will listen to what I say, like Thckkady. I will make sure that each and every penny looted from the Govt will be paid back to whoever is involved.

20/6/16
To Adv. S. Krishnamoorthy
Court I Adm (207)
Filed on: 20-6-2016.
Sub: Writ - Public Interest Litigation -- Challenging the grant of the contract by the second respondent, Kerala State Water Transport Department to the eleventh respondent to build a solar peneled passenger ferry boat
BEFORE THE HON'BLE HIGH COURT OF KERALA AT ERNAKULAM
W. P. (C) No. 21035 of 2016

BEFORE THE HON'BLE HIGH COURT OF KERALA AT ERNAIKULAM

W. P. (C) No. 210 35 of 2010

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16. Another most interesting aspect of the project is that neither the technical know-how nor the feasibility study approach have ever made a study of the current speed of the river where the boat ferry is to be operated. It is humbly submitted that Vythura - Thavakkadavu area is in the Vembanad Lake stretching 2.2 kms having a current speed of 5 knots. Presently small boats are plying at 5 knots with a power of 30 hp engine. The maximum solar power for this boat is only 40 kW_e, i.e. 54 hp. The vessel is designed for 5 Knots. If at all this full power is achieved, the vessel will get a maximum speed of 5 knots. So if the current speed is also 5 knots, the vessel cannot overcome the current speed.

11

11. **Is your organization a member of the UN Global Compact? If not, why not? If so, what is it doing to support the**

5 PM

12TH JAN 2017

Inaugurated By



Shri. Piyush Goyal

Minister of Commerce and Industry of India

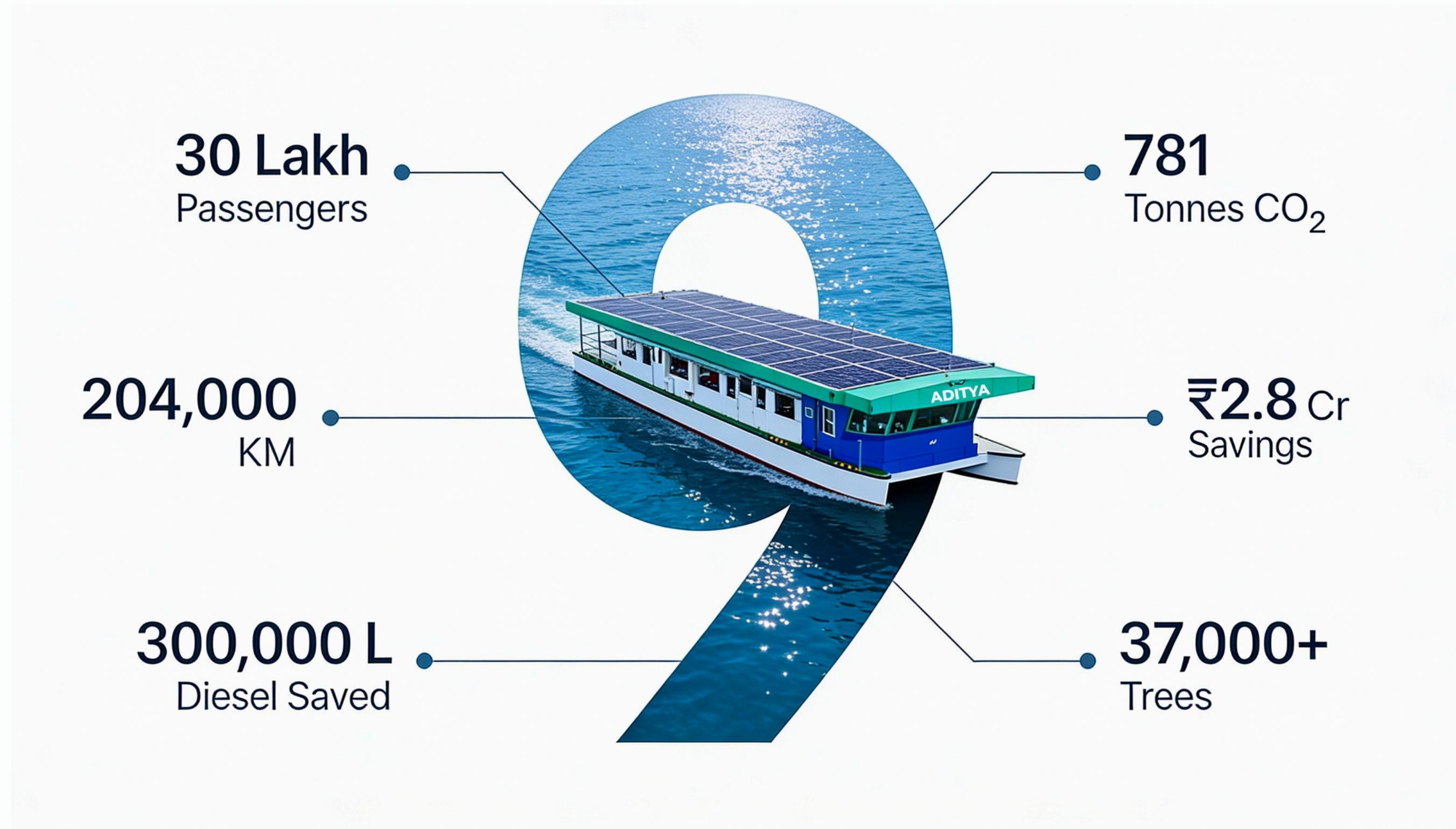
Shri. Pinarayi Vijayan

Minister of Commerce and Industry of India



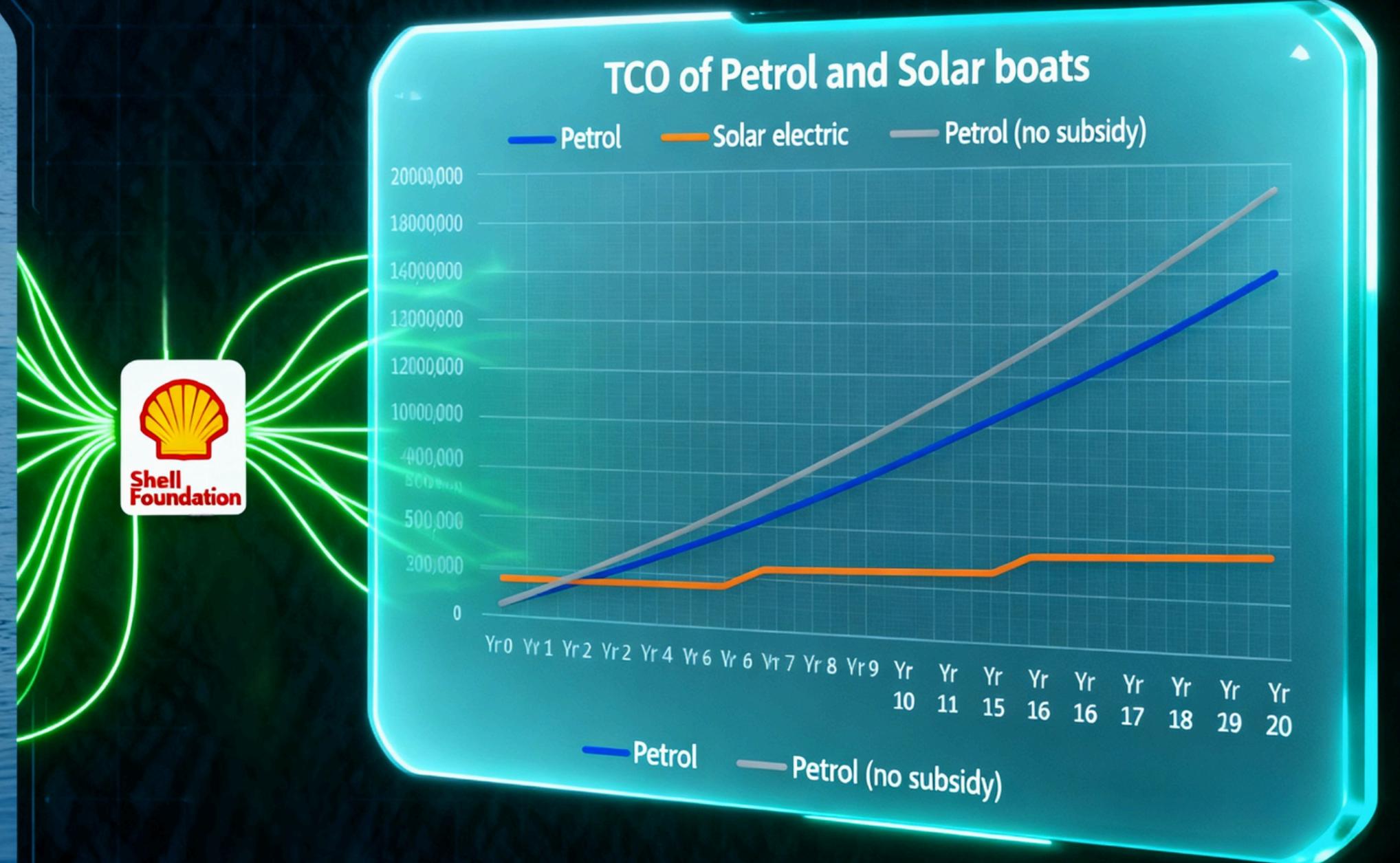
ADITYA

India's First Solar Ferry







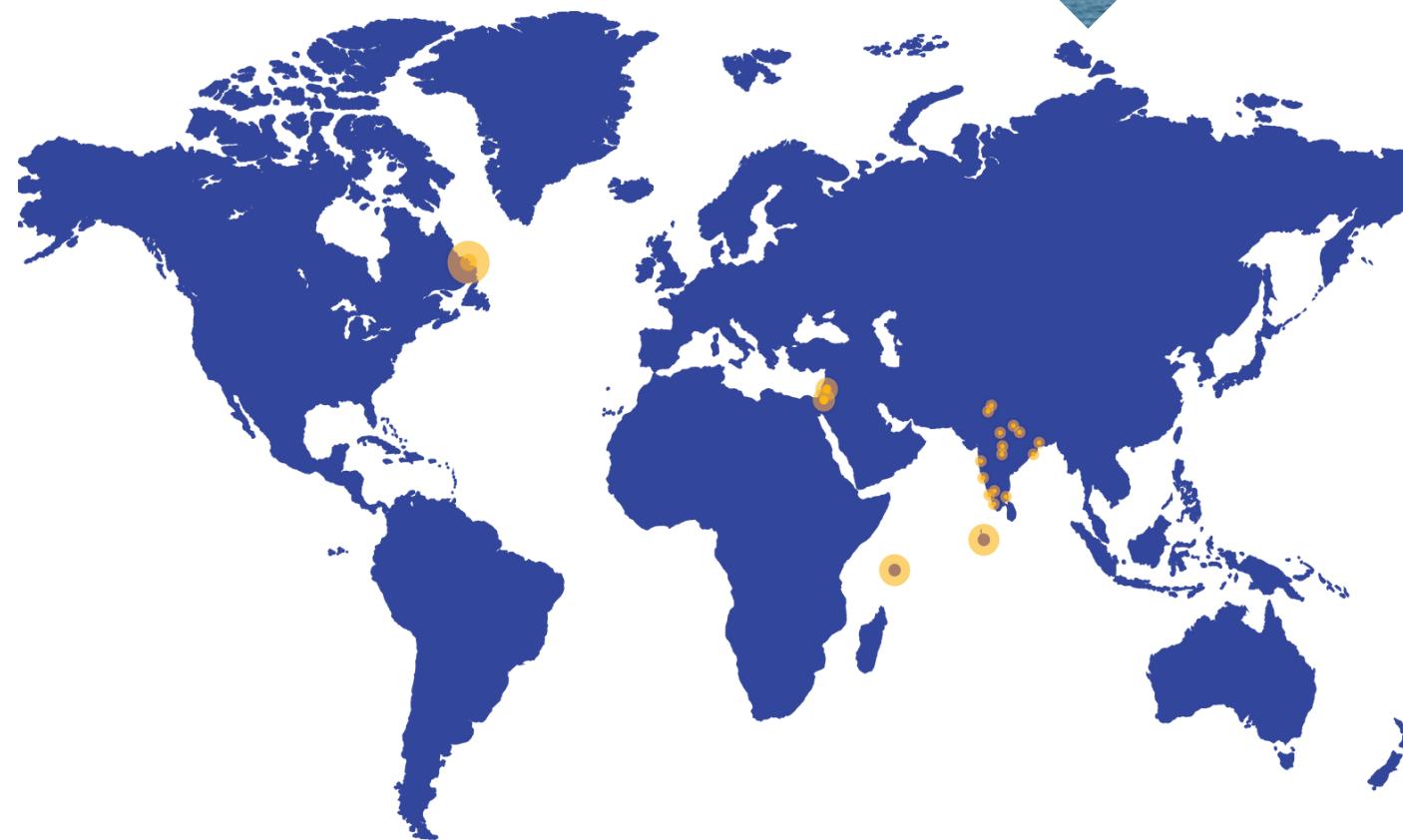


Srav

79 Total No. of Boats

40 Boats in Operation

39 Boats in Construction



Locations

Israel
01

Canada
01

Maldives
01

Seychelles
01

India — 75
Kerala — 49
Uttar Pradesh — 05
Odisha — 04
Punjab — 04
Maharashtra — 04
Madhya Pradesh — 02
West Bengal — 01
Karnatak — 01
Tamil Nadu — 01
Himachal Pradesh — 01
Goa — 01

Applications

Tourism — 50
Passenger Transport — 19
Fishing — 07
Vehicle Transport — 02
Work Boat — 01

2025



BanyanTree Finance

Scale up Manufacturing

Product Development

10 Boats to 35 boats at a time

- ▶ New Yard (10 acre facility)
- ▶ New Battery Assembly
- ▶ 150 people to 250 people
- ▶ Green Tug system development
- ▶ High speed boats with hydrofoil









Navalt





A dark, moody background image of ocean waves. The water is a deep, dark blue, with lighter, glowing blue-green reflections on the surface that create a sense of depth and movement. The waves are not very high, but they have a strong, rhythmic texture.

Oceans, Electrified.