

Pyxis Maritime : A Case Study

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Pyxis Maritime: A Case Study on Transition and Blended Finance in Action



Challenge:
move towards maritime
de-carbonization



Commitment :
whole of ecosystem
approach.



Capital and Financing:
needed to drive change



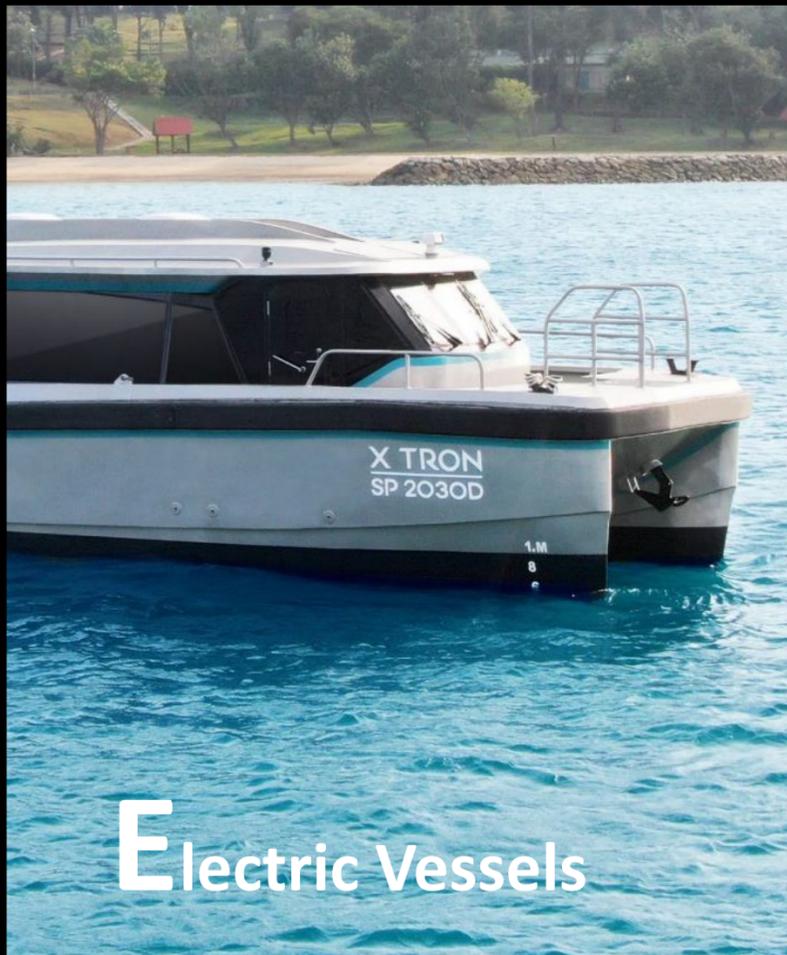
Collaboration:
key to success



Challenge

Customers and regulator (MPA) required tenders submitted to include green solutions as early as three years ago.

CLASS-LEADING ELECTRIC VESSELS AUGMENTED WITH PROPRIETARY DIGITAL SOFTWARE LAYER



Commitment to change led to the creation of three verticals: Electric Vessels, Electra Ship Management Software and Energy Stations.

The Commitment to Change is an Industry-led Collective

15

Maritime Companies

In

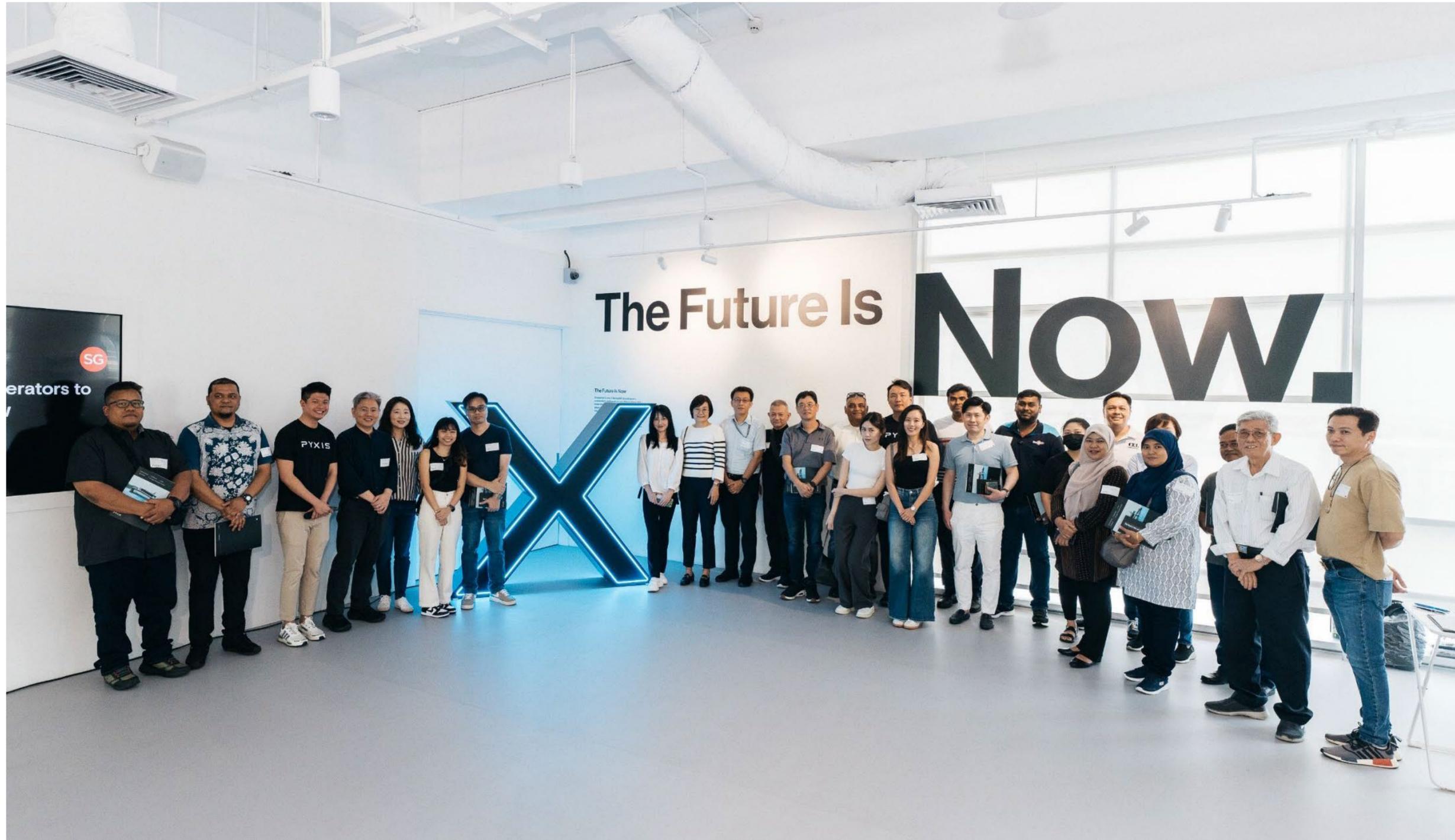
250

Coastal Vessels

1000

Maritime professionals





Picture shows the startup team when X-tron was launched in Mar 2024.

FUNDING JOURNEY

Pre-Seed

2023

S\$1.5M Raised

Proving Feasibility

Purpose: Validate electric vessels in real operations

Investor Base: Strategic Maritime and Non-Maritime Partners

Pre-Seed

2024

S\$4.5M Raised

Scaling Product-Market Fit

Purpose: Move from pilot to repeatable platform

Investor Base: Strategic Maritime and Non-Maritime Partners. Venture Capitalists.

Series A

2025

S\$18M Raised (On-going)

Scaling the Eco-System

Purpose: Build institutional-grade scale

Investor Base: Strategic Maritime and Non-Maritime Partners. Venture Capitalists. Family Offices.

Outcome: Pyxis evolved from a single-vessel startup into a scalable maritime electrification platform spanning vessels, data, and energy

BLENDED FINANCE

Catalysing the Pyxis Maritime Eco-System

Capital Stack



1 Private Capital

Strategic Partners/Operators
 Venture Capitalists
 OCBC Debt Financing

2 Public Capital

SEEDS Capital
 Enterprise Singapore Grants
 Work

3 Catalytic Capital

Family Offices



Capital DEPLOYED into

1 Electric Vessels

Purposed designed, production ready
 fleet

2 Electra Digital Platform

Data layer enabling efficiency &
 optimisation

3 Energy Infrastructure

Smart charging networks

Blended finance enables Pyxis to move faster and unlock system-wide transformation. A repeatable, scalable maritime electrification ecosystem

THE BEGINNING

PYXIS ONE



MASS PRODUCTION ON COMMON PLATFORM

PYXIS R



PYXIS L

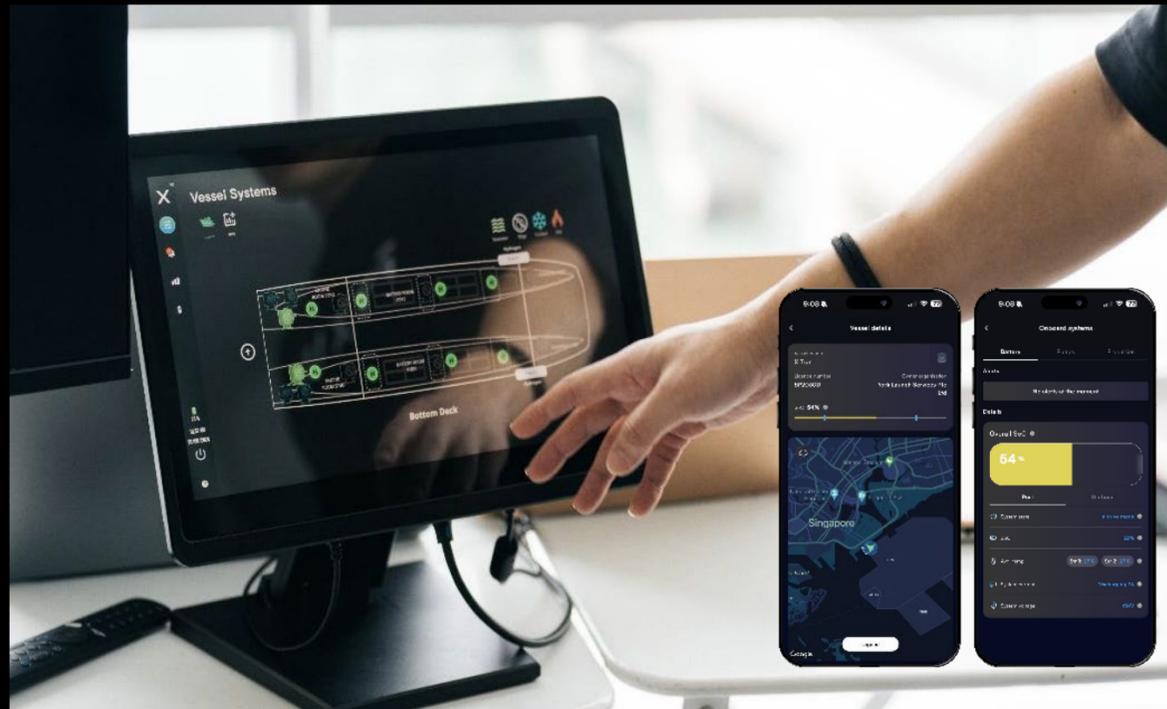


Current Fleet: 1 Pyxis One + 4 Pyxis R

With new funding, 9 (3 Pyxis One, 5 Pyxis R and 1 Pyxis L) more boats to be launched in the next six months.

ELECTRA

IoT-Enabled Digital
Ecosystem Platform



PYXIS ENERGY

Collaboration with
SP Mobility.



Collaboration with IHL is needed for recruiting talent.
Partnering with SP Mobility for charging technology (next
solar energy companies).

STRONG PUBLIC-PRIVATE PARTNERSHIPS



Minister of State for Transportation Baey Yam Keng

Pyxis has won SG Government support for R&D on maritime electrification.



Pyxis shortlisted as Tier 1 for MPA EOI



Collaboration with IHLs for talent growth



60,000 Vessels

