

The logo consists of three stylized, overlapping waves. The top wave is a vibrant green, the middle wave is a bright cyan, and the bottom wave is a deep blue. They are arranged in a way that suggests movement and depth.

MarinaChain

Web3 for Maritime & Ocean Decarbonisation



01 | Problem Statement

Maritime Regulations are coming,

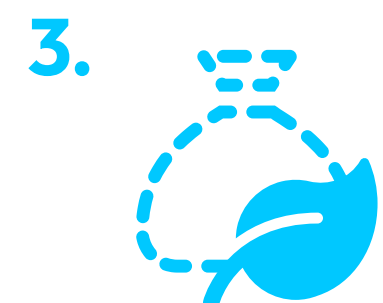
And the industry lacks a clear path to decarbonisation.¹



Maritime companies lack precision tools to monitor emissions



No concrete maritime framework for offsetting carbon emissions






Extremely high CAPEX of ~ \$2 trillion needed to decarbonise the maritime industry

01 | Problem Statement

From 2023,
62,000

IMO registered vessels²
will come under stringent
carbon regulations that

1/3 of vessels are unable
to comply with

-  1. The Maritime industry accounts for **3%** of global carbon emissions³
-  2. Current regulations mandate a **40%** reduction in carbon intensity by 2030^{3, 4}
-  3. Voluntary carbon markets are expected to grow **15x** by 2030⁵



We bridge ocean-based green projects,
maritime companies, and consumers into

◊ **a unified carbon credit ecosystem.**

02 | What we do

We are building

■ **TWO
PRODUCTS**
to achieve this.



■ MarinaNet

Precision Emissions Tracking software for Shipping Companies

MarinaX ■

Blockchain-powered Carbon Credit Platform for Enterprise, Green Projects, and Retail



03 | Product I MarinaNet

MarinaNet

equips shipping companies with the tooling needed to be compliant with incoming emissions regulations

CII | EEXI | Fleet emissions ⁶

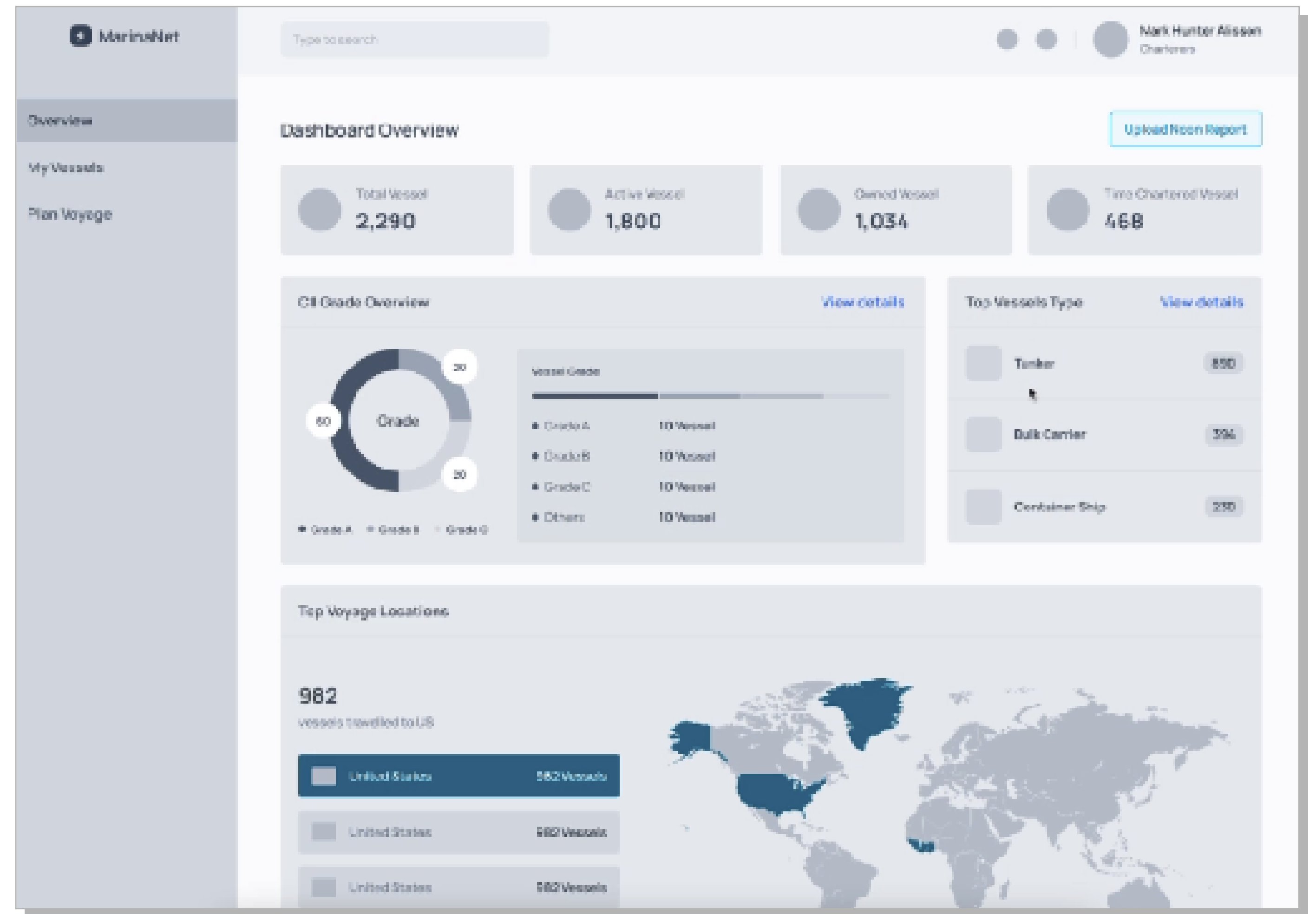
Revenue Model:

SaaS

\$2,000/ship /year

Current Market price for EEXI calculations: \$4,000/ship

CII reports are required annually from 2023



Live snapshot of MarinaNet alpha

03 | Product I MarinaNet

MarinaNet

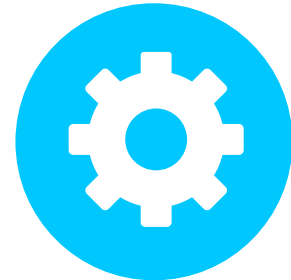
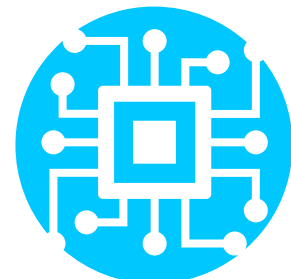

equips shipping companies with the tooling needed to be compliant with incoming emissions regulations

CII | EEXI | Fleet emissions

Revenue Model:

SaaS

\$2,000/ship /year

-  1. Data-backed Emissions Optimisations to meet EEXI and CII regulations
-  2. Uses state-of-the-art machine learning models to predict and forecast emissions across fleets
-  3. Green Certification Issuance & Verification in compliance with carbon regulations

04

Product II MarinaX-Enterprise

MarinaX Enterprise

provides shipping companies who need to offset their emissions with high quality maritime-based carbon credits.

Revenue Model:

Carbon Credit Minting Fees

Marketplace Fees

Trading Royalties

Benefits

Authenticity

Leverages on NFT technology to trace every credit from source to end user

Transparency

Cuts out middlemen brokers who resell credits at 5-7x markups, ensuring the majority of profits go to project developers

Visibility

All carbon credit retirements are broadcast on the blockchain, ensuring companies' decarbonisation efforts are publicly verifiable

04 | Product II MarinaX-Nifty

MarinaX Nifty

enables consumers to participate in the carbon markets and contribute to decarbonisation on an individual level.

Revenue Model:

Carbon Credit Minting Fees

Marketplace Fees

Trading Royalties

Features

— Royalties for Project Developers

NFTs traded on the MarinaX marketplace generate royalties that provide recurring revenue to green projects and fund them continually beyond the initial sale

— Carbon Credit Binding

Our tech can bind Carbon Credits to existing Art NFTs, birthing the concept of carbon-negative NFTs as a statement piece to eco-consciousness

05 | Market Size

TOTAL Addressable Market⁷
based on 2030 goals

\$4.6B/yr

SERVICEABLE
Addressable Market

SG & KR
markets

\$464m/yr

SERVICEABLE
Obtainable Market

30% market
capture

\$139m/yr

■ MarinaChain intersects the flourishing markets of **Maritime & ReFi**

 **SEABOUND**

Ship emissions carbon capture

\$4.4M Funding
May '22

 **Flowcarbon™**

Tokenised Carbon Credits

\$70M Funding
May '22

 **Fleetzero**

Batteries for electric ships

\$3.5M Funding
Mar '22

MOSS

Nature-Based Carbon Tokens

\$10M Funding
Jan '22

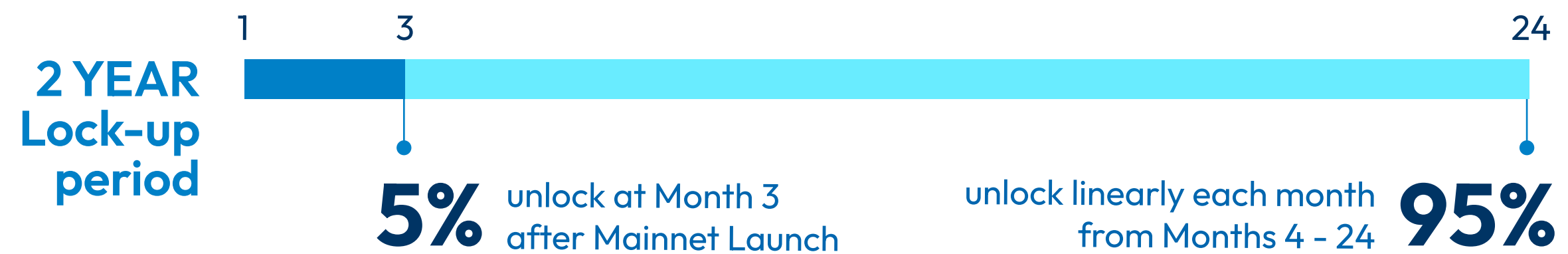
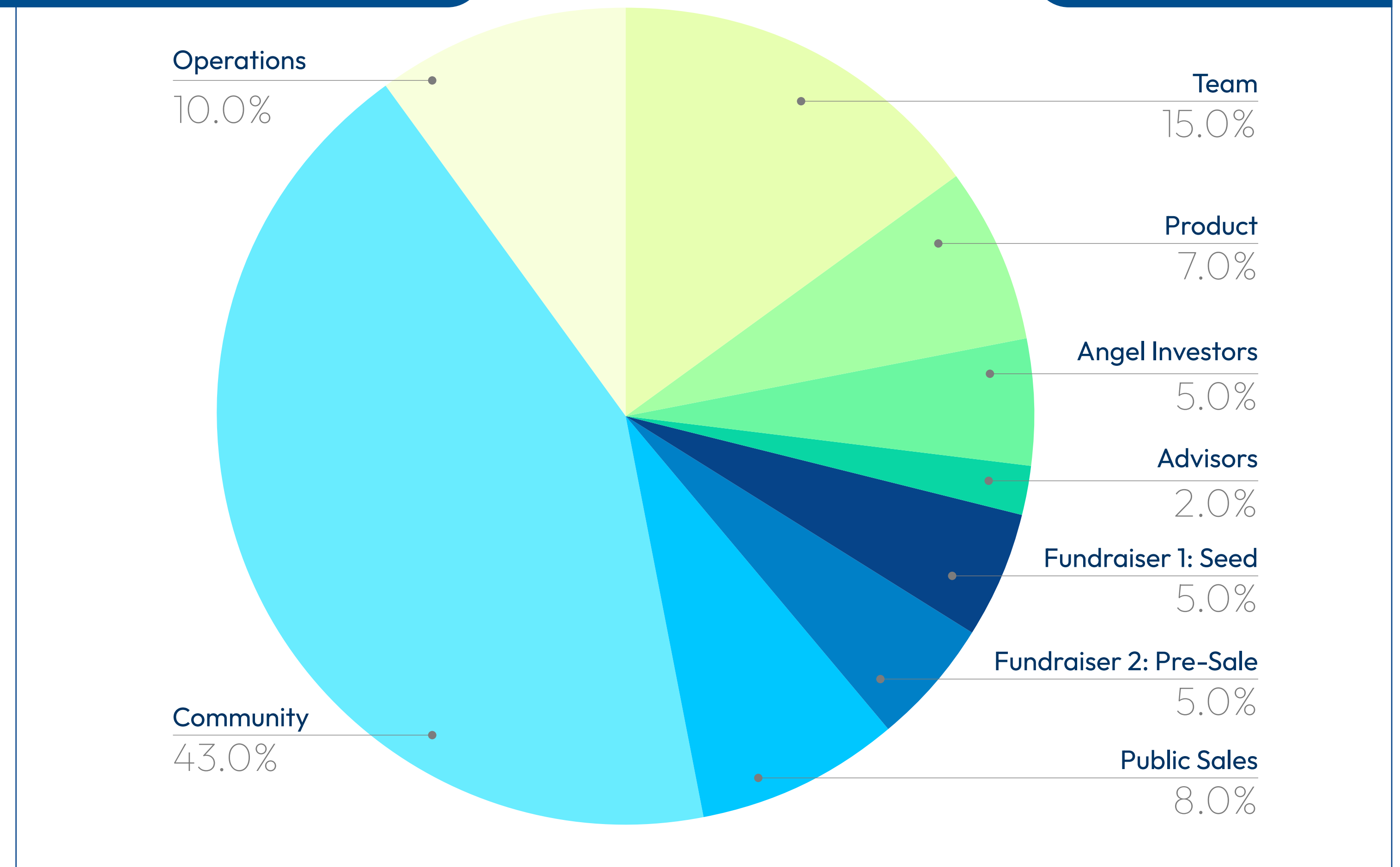
06 | Tokenomics

Seed Round Ask
\$5.0M

Raised in Angel Round
\$1.3M

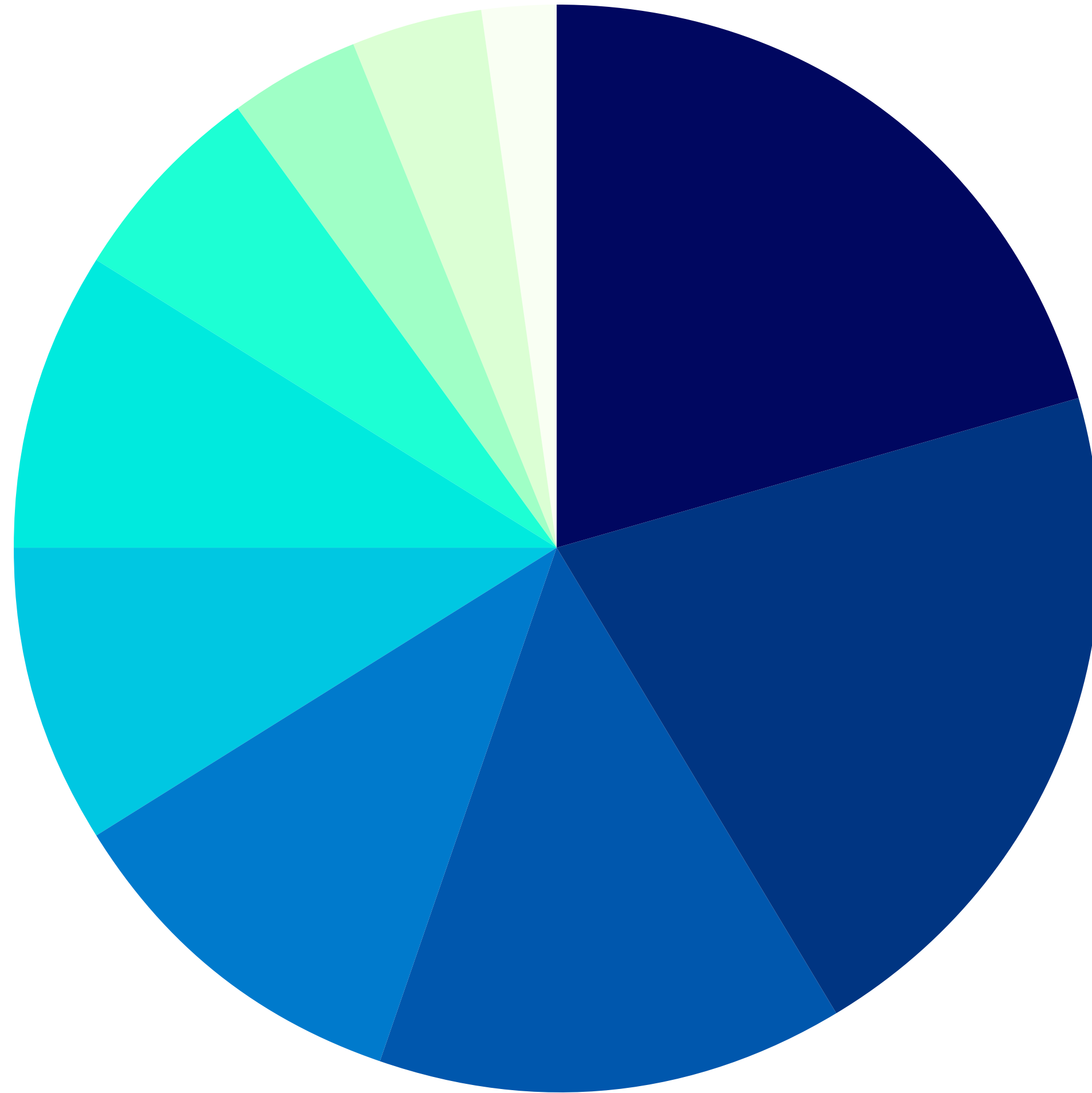
Total Supply 1,000,000,000

Price 10¢ / token



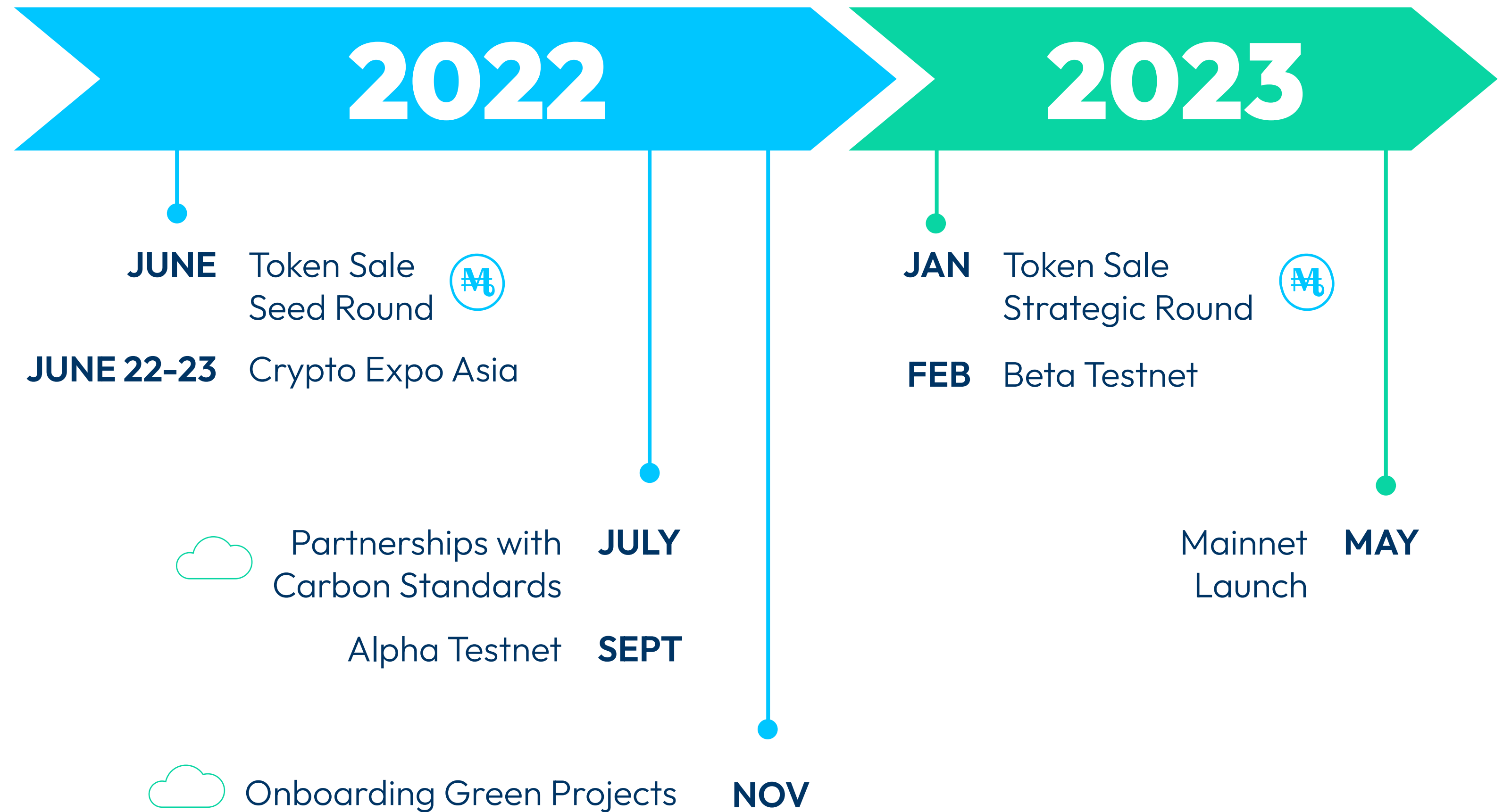
07 | Fund Usage

\$5M will provide us with a 2.5 year runway
with profitability by Year 2



Team	
FOUNDERS	21%
TECH	21%
MARKETING	14%
RENT	11%
PRODUCT	9%
SPECIALISTS	9%
BD/SALES	6%
Miscellaneous	
MARKETING BUDGET	4%
DISCRETIONARY	4%
SERVER & DATA	2%

08 | Roadmap



09 | Traction

■ Advisors



SR Kim



James Lee

■ MarinaNet Phase I

- 167 ships in line to use MarinaNet’s Energy Efficiency Calculator
- MOUs with 10 Shipping Companies ⁸
- Secured Carbon credit sales agreement

■ Partners

KSS LINE LTD.

PILLOS

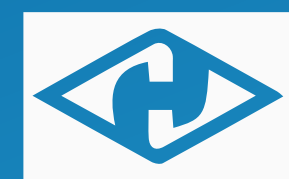
SENTEK



NATLEK



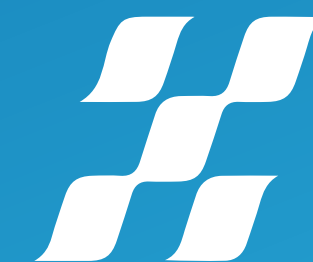
JAYA SAMUDRA
KARUNIA GROUP



HEUNG-A



SINGFAR
INTERNATIONAL



FORTUNE
MARINE CO., LTD

10 | Team

Maritime



Dan Ha
Executive



Rachel Shin
Commercial



Haley Lee
Sustainability



Strategy



Sean Lew
Strategy



Jon J
Operations



Web3 Marketing



Alex Ferre
Marketing



AKAY
Community



Dawon Kim
Vision



Product



Gabriel Koh
Tech



Elijah Ng
Research





MarinaChain

Web3 for Maritime & Ocean Decarbonisation



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