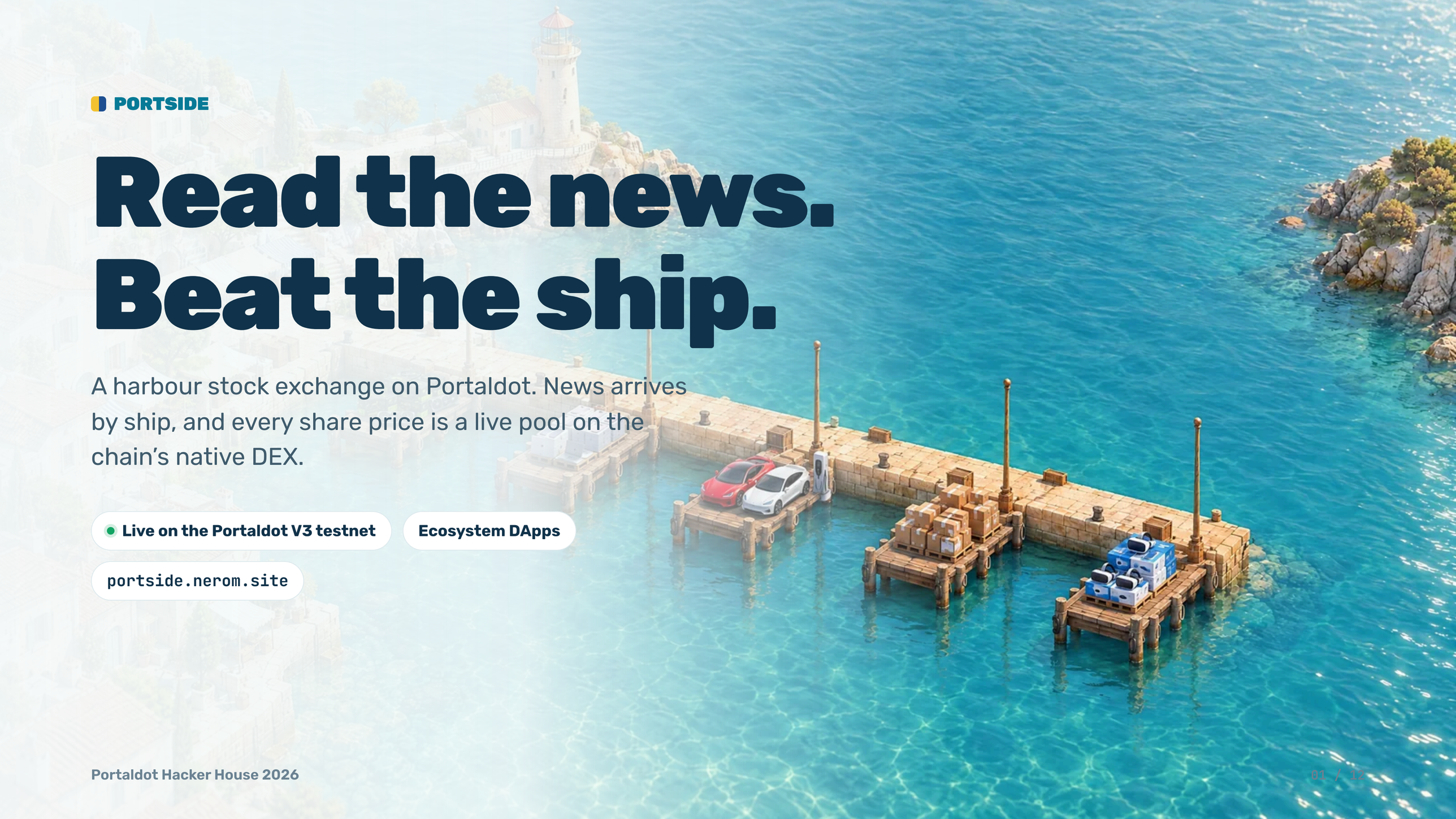
PORTSIDE

Read the news. Beat the ship.

A harbour stock exchange on Portaldot. News arrives by ship, and every share price is a live pool on the chain’s native DEX.

- Live on the Portaldot V3 testnet
- Ecosystem DApps

`portside.nerom.site`



The problem

On-chain trading feels like a spreadsheet. On-chain games fake the market.



DEX screens are for experts

Pools, slippage and fees, with nothing that tells a newcomer why a price should move or what to do about it.



Trading games don’t trade

Most keep made-up prices on a server. Nothing settles, so nothing teaches you how a real pool behaves.



News games need fair timing

If the operator knows the headline first, the game is rigged. Players have to be able to check who knew what, and when.

The idea

The first stock exchange grew up on a harbour.

In 1600s Amsterdam, a ship coming in, or not, moved the share price of the company that sent it. Portside plays that same game with five stocks people talk about today, each with its own pier.

- NVDA chips
- AAPL phones
- TSLA cars
- AMZN parcels
- META headsets



Game prices in DUCAT, not market data. Not affiliated with these companies.

How a round works

One headline. One ship. One decision.

0:00



News is drawn

The Harbour contract picks a stock, a kind of news and a size: “Earnings beat • NVDA ▲ 12%”.

0:00–0:45



Trade before it docks

Buy before good news, sell before bad. Every trade is a real swap signed in the browser.

0:45



The ship docks

One public house swap moves that pool by exactly the posted amount. Right call, right money.

2:30 · 4:00

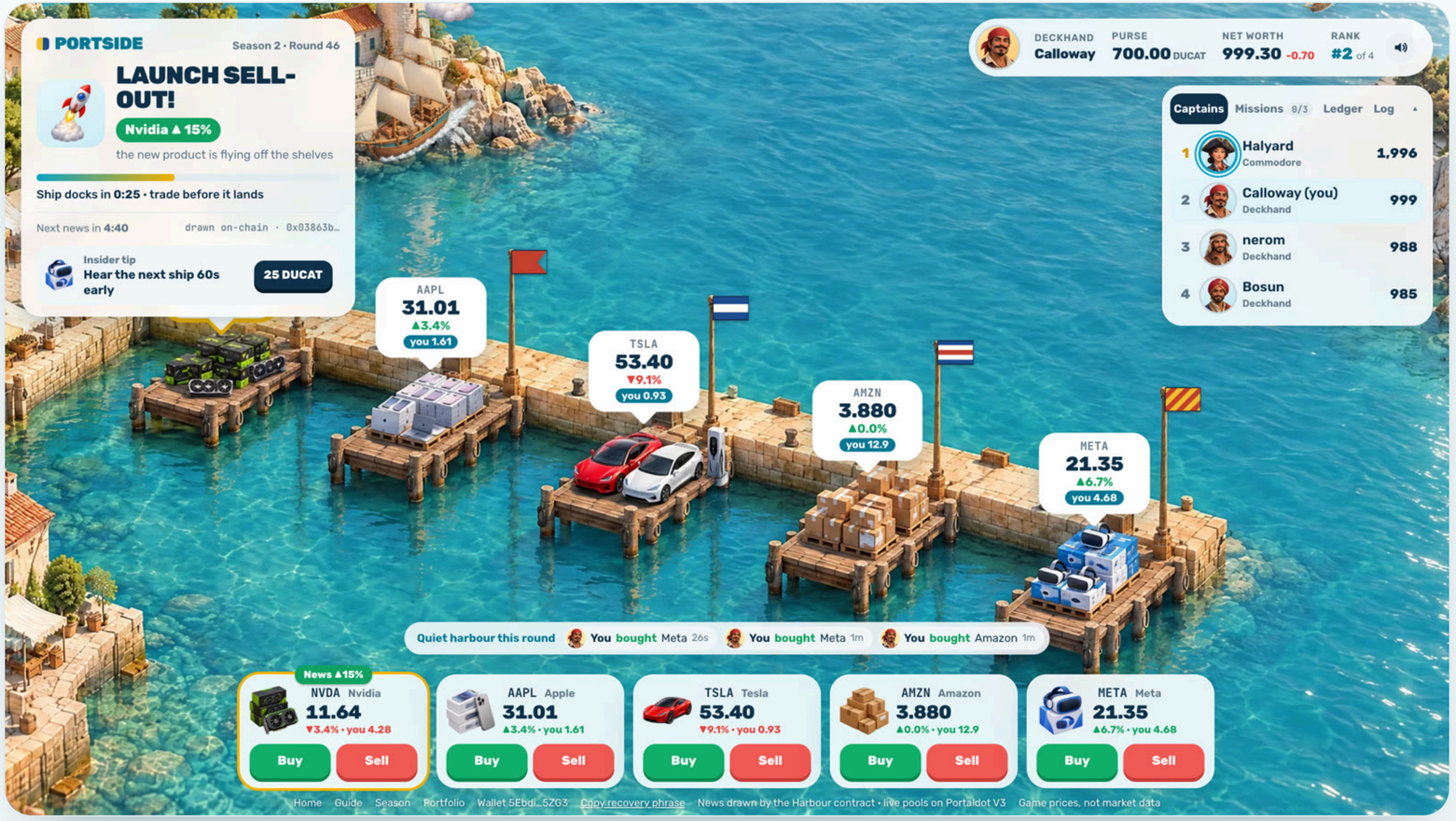


Tide, then rumours

Prices drift a quarter of the way back. A minute before the next round, rumour holders hear the next ship.

0:00 news · 0:45 dock · 2:30 tide · 4:00 rumour window · 5:00 next ship

A living harbour, not a price table



1. **The news card**
   This round's headline, the ship's countdown and a link to the on-chain draw.

2. **Five piers**
   Each stock's live pool price floats over its pier. The ship sails to the news stock and docks.

3. **The crowd**
   Other captains' trades pop up on the piers as they land on-chain.

4. **Buy and sell**
   A trade sheet shows the quote, the price impact and a chart marked with past news.

5. **No gas, no sign-up**
   A wallet in the browser, 1,000 DUCAT to start, and the harbour pays the network fees.

Six kinds of news. Three push a stock up, two push it down.



Earnings beat
Profits came in above forecast
▲ up



Supply storm
Shipments stuck behind a storm
▼ down



Launch sell-out
A new product flying off the shelves
▲ up



Rival fleet
Competitors flooded the port
▼ down



Whale buying
A big fund scooping up shares
▲ up

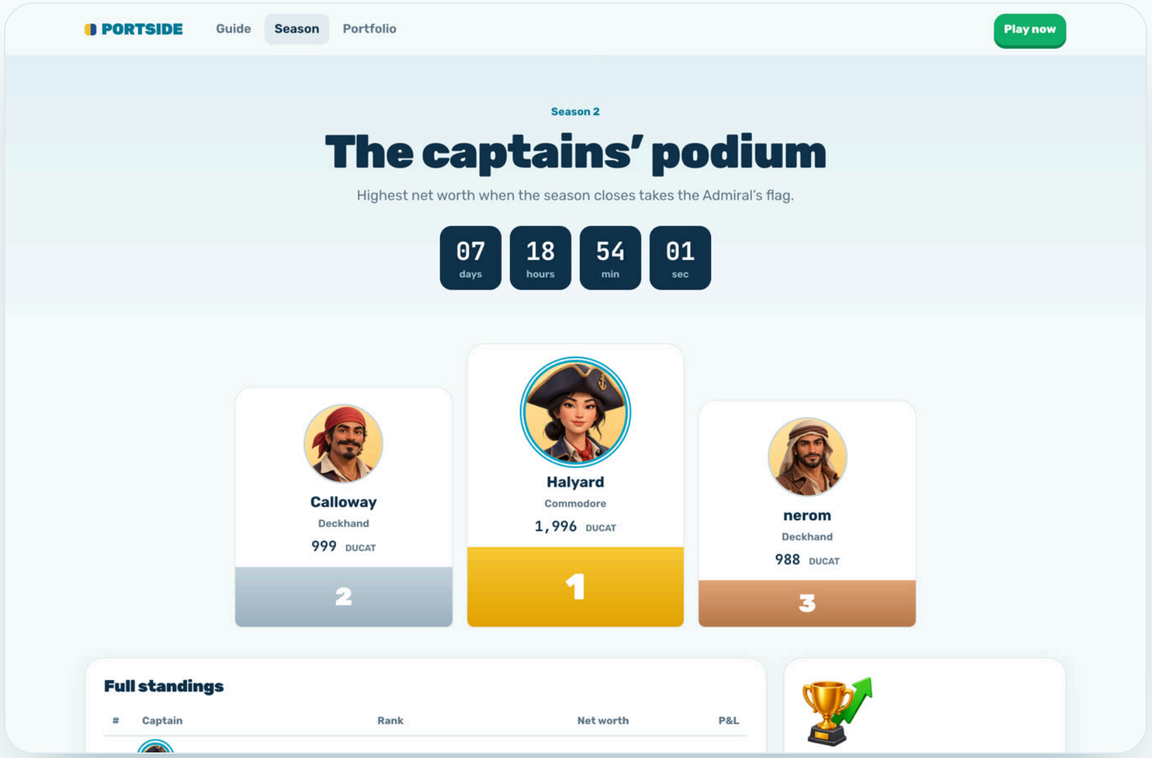


Calm seas
A quiet round on the exchange
no move

The size of each move, 5% to 29%, is on the card. The skill is in timing and sizing, and in selling into the move before the tide pulls it back.

Reasons to come back

A proper game site around the harbour



Daily missions

Three a day, the same for every captain, like “Sell before a fall”.

12 badges

From First trade to Admiral, plus streaks of right calls.

Rumours

25 DUCAT paid on-chain to hear the next ship a minute early. Two a day.

Season podium

Highest net worth takes the Admiral’s flag; daily champions are anchored.

Portfolio

Holdings, average cost, P&L and a net worth chart for every captain.

Share card

One tap turns a win into an image for X, with the harbour behind it.

Built on Portaldot

Native pallets for the market, a contract for the news

BROWSER

Portside web app
React + polkadot.js. Signs swaps with a burner sr25519 wallet kept in the browser.

Game site
Home, guide, season, portfolio and captain pages, missions and badges.

PORTALDOT V3 TESTNET

pallet-assets
DUCAT `8801000` and five share assets `8801001-5`, renamed on-chain to NVDA…META.

pallet-asset-conversion
Six pools: tPOT/DUCAT plus DUCAT against each stock. Every Buy is a real swap.

Harbour.sol on pallet-revive
Commit-reveal news draw, season and round state, and daily Merkle anchors.

KEEPER (HONO, RAILWAY)

Harbour clock
Reveals each round, makes the docking swap, runs the tide.

Indexer + API
Reads swaps and transfers from blocks, builds the board, sells rumour tickets.

Fee tank
Starter purse on sign-up and tPOT top-ups, so players never need gas.

Fair by design

Nobody knows the next ship. Not even us.



Commit, then reveal

The keeper commits to a secret seed a round ahead and must reveal that exact seed to the contract.



Block hash mixed in

The contract mixes the seed with the previous block hash, so the keeper can’t choose or predict a headline.



Docking is one public swap

When a ship lands, one house swap moves the pool by exactly the posted amount. Anyone can check its size.



Rumours don’t change the draw

A ticket only reveals the contract’s next draw a minute early. Standings are anchored daily as a Merkle root.

```
entropy = keccak256(seed, blockhash(block.number - 1), season, round) → stock, kind, size
```

Live and checkable

Deployed on the Portaldot V3 testnet

5 min
a round, drawn on-chain since Nov 1

6
pools on pallet-asset-conversion

0
gas or sign-up needed to play

1
contract for news, seasons and anchors

Harbour contract (pallet-revive)	`0x04570accAB9f6fa3637aE0bBbEDfB9D46440D297`
Contract deploy, block 277,716	`0xb755f84e9b4fda98b008aa5064b51e7d13649c31d5bc053458be56e6d06e1ad3`
Harbour.reveal: a round's news drawn	`0xb9b0a241874a5373d8fd8a09397dbf2c03b3eed72b5a68ab0d84091f1f40b1ff`
House swap when that ship docked	`0x57779da87fee8f91719bc97f2adfd049c11d58d248a29e3b2246b1bf0d40df8a`
A captain's swap signed in the browser	`0x4fe4cd7e4643380a4eeb95eef2dfa7428f008addf3742d1e9906c7981af3ca99`

What’s next

From testnet harbour to a busy port

NEXT

A livelier harbour

- House captains that trade on the news, so the piers are never empty
- More ships per round and rival news that collides
- Phone install as a PWA

THEN

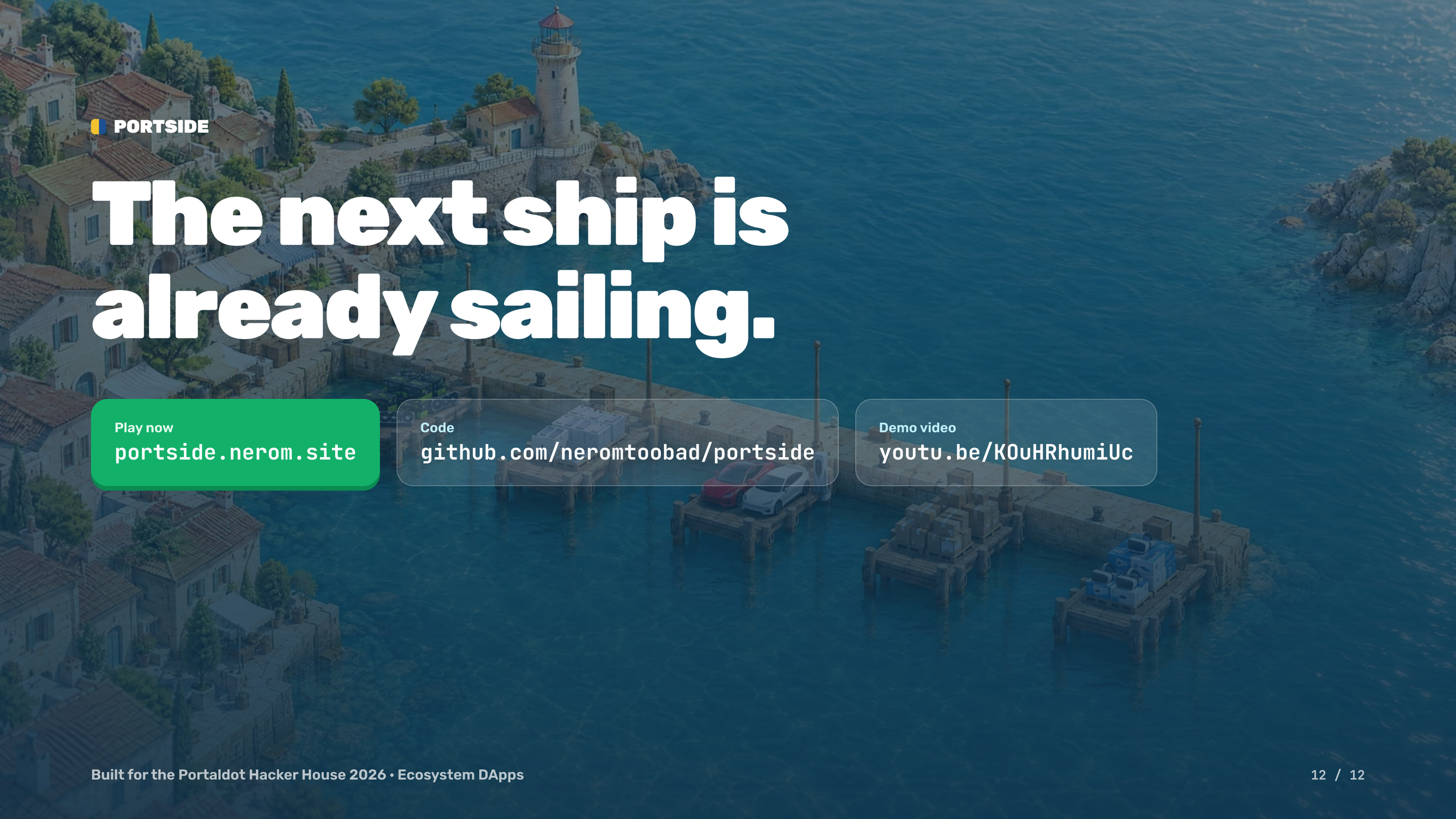
Real seasons

- Weekly seasons with prize pools held by the Harbour contract
- Guild teams and head-to-head races
- Community-proposed stocks and piers

MAINNET

A showcase for Portaldot

- A friendly front door to the native DEX for new users
- An open API for other apps to read the harbour’s news and pools
- Audit and mainnet launch



PORTSIDE

The next ship is already sailing.

Play now
portside.nerom.site

Code
github.com/neromtoobad/portside

Demo video
youtu.be/KOuHRhumiUc