

Tide Together

A MOBILE SOLUTION FOR SUSTAINABLE, INCLUSIVE, AND ETHICAL
RENEWABLE ENERGY

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The Problem

- Whaleport's clean energy transition threatens traditional fishing grounds
- 15% of Whaleport's population depends on fishing (Impact Report, 2024)
- Cultural identity, economic security, and ecological balance at stake



The Solution – TideTogether

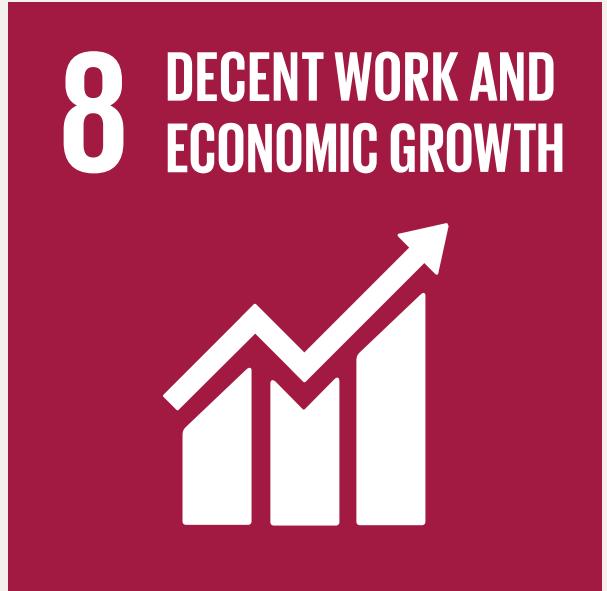
- Community-informed platform built for fishers, planners, students, and residents.
- Delivers real-time zoning, marine alerts, training, and co-op earnings tools.

INTERESTS

PAIN POINTS

PREFERENCES

Innovation that supports the SDGs

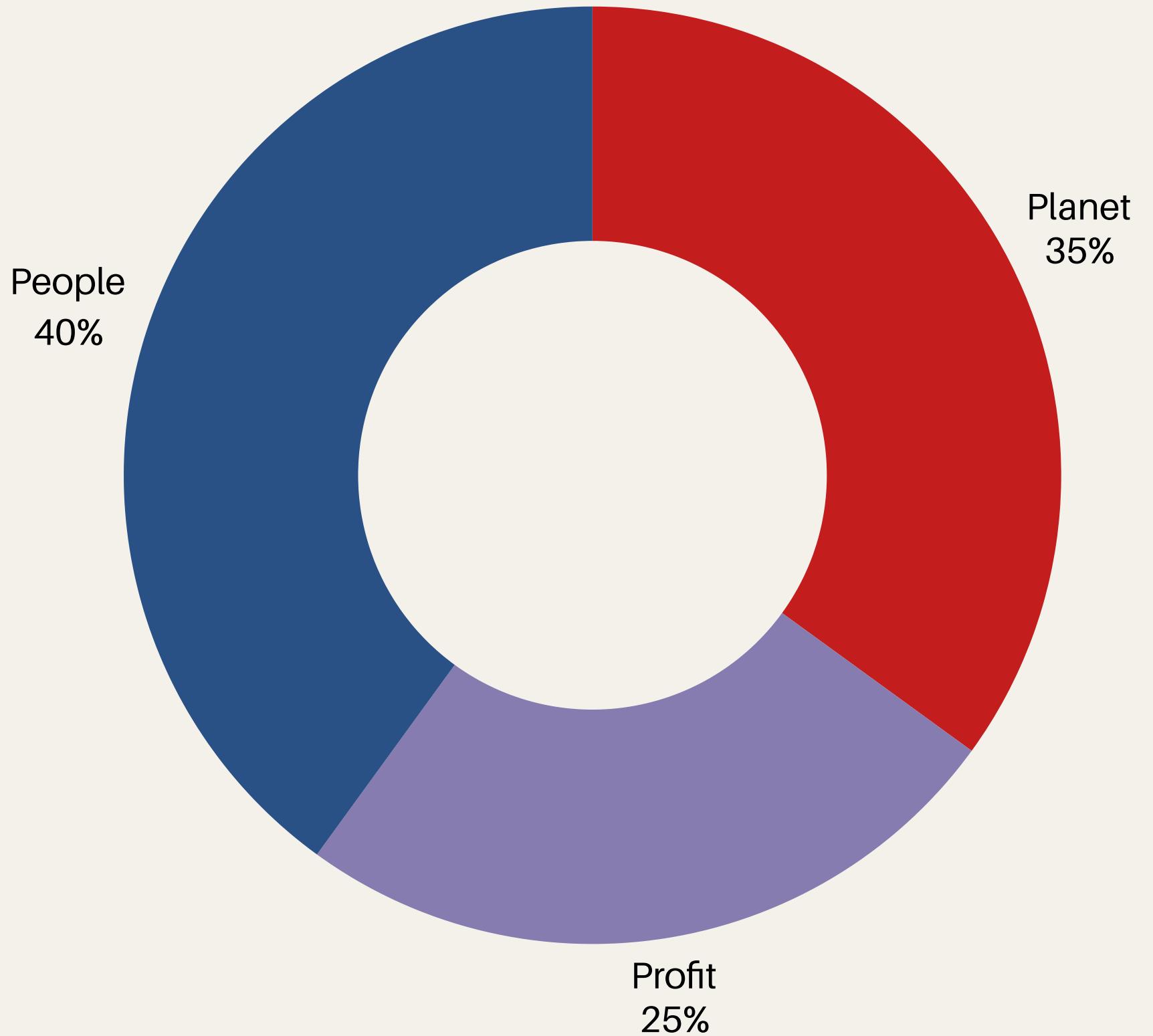


Strategic Framing

Triple Bottom Line (TBL)

- People: Skill-building, storytelling
- Planet: Habitat tracking, biodiversity
- Profit: Co-op dashboards

PESTLE callout as small taglines under each feature (e.g., E = zoning/environment)



Feature Overview

TideTogether Login

Join the energy transition.

Seamless onboarding for fishers, students, and planners—role-based entry ensures tools fit each user's needs. Builds digital trust and inclusion from the first screen.

TideTogether

Create an Account

Join Whaleport's clean energy future.

email@domain.com

Continue

or

 Continue with Google

 Continue with Apple

By clicking continue, you agree to our [Terms of Service](#) and [Privacy Policy](#).



Feature Overview

Fishers Forecast Feed

Real-time marine intelligence.

Peer-sourced sightings + NOAA data = safer navigation and smarter decisions.

First haddock? Tag it.

Turbine encroachment? Report it.



Helena in #FishersForecast

3 min ago



First haddock sighting of the season

21 likes 4 comments



Daniel in #TurbineWatch

2 hrs ago

Just came back from Zone C. New turbine crew is marking buoys closer than last week's boundary. That's the third time thi...

...

Feature Overview

EcoMap Interface

Smart zoning, safe fishing.

Dynamic map shows real-time turbine zones, migration alerts, and seabed protection periods. AI + GIS protect habitats and livelihoods (SDG 14).

The screenshot shows a mobile application interface for managing fishing zones. At the top, there's a search bar with the text "Whaleport Zones", a date range "Sep 12 – 15 • 1 room • 2 guests", and a pencil icon for editing. Below the search bar are two buttons: "Filter" and "Safe to Fish". The "Safe to Fish" button is highlighted with a green dot and a dropdown arrow, indicating it's selected, with the text "2 results" next to it. The main area features a map with a grid overlay, showing several location markers: three red dots, one black circle with a red dot, and two blue dots. Below the map is a large, scenic image of a coastal town with many small islands and boats in the water. At the bottom, there's a section for "Cape Whale – Scallop Grounds" with a star rating of 4.8, an average catch yield, a distance of 2.6 miles, and a "Select" button.

Whaleport Zones
Sep 12 – 15 • 1 room • 2 guests

Filter Safe to Fish 2 results

EcoMap Interface

Cape Whale – Scallop Grounds
★ 4.8 (Avg. Catch Yield) 2.6 miles

Risk: Low Select

Feature Overview

DockSwap

Trade gear, not waste.

Circular economy in action. Barter nets, engines, and gear to reduce cost and environmental impact.

Supports income resilience and community reuse.

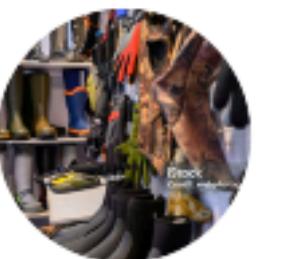
Favorites

History

Following



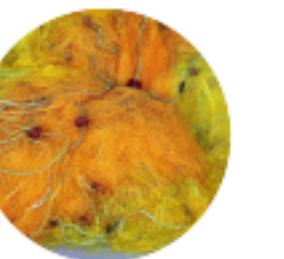
Trade by Type >



Wearables



Boat &
Motor
Parts
>

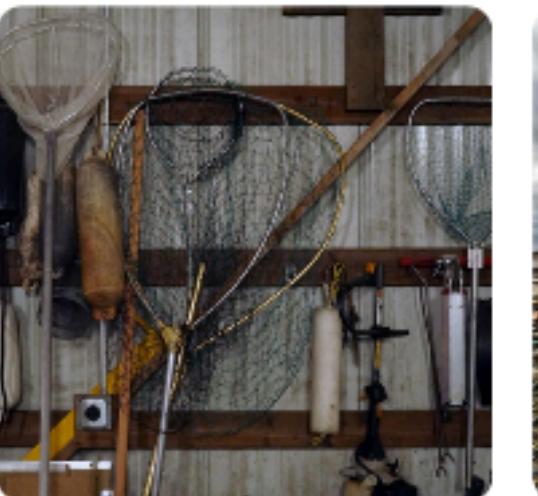


Netting &
Lines



Solar
Panels
Tech

Netting & Lines



Will's Nets

3-Set Fishing nets

\$12.00



Will's Nets

Crab Pot

\$10.00



Will's N

Fishin

\$10.00

Feature Overview

Community Pulse Feed

Civic media for coastal justice.

Post sightings, zoning issues, and co-op updates.

Topics like #TurbineWatch turn engagement into accountability.

Residents = watchdogs.

Community Pulse

Zoning

Stories

Co-op

Jobs



starryskies23 1d

Started following you

Follow



nebulanomad 1d

Liked your post



emberecho 2d

Liked your comment

Happy Fishiiing!!! 🎉



lunavoyager 3d

Saved your post



shadowlynx 4d

Commented on your post

i'm going in september. what about you?



nebulanomad 5d

Shared a post you might like



lunavoyager 5d

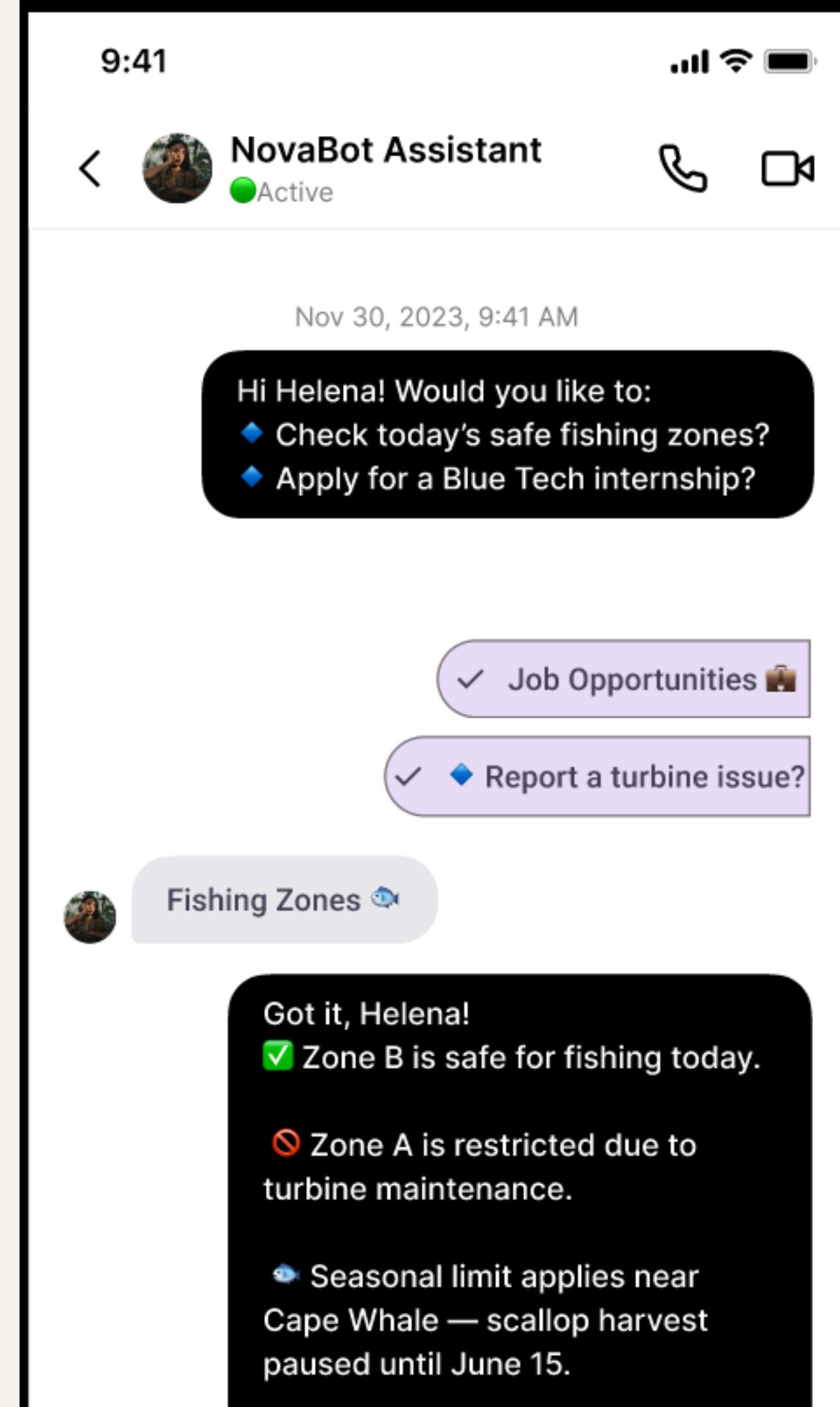
Liked your comment

Feature Overview

NovaBot Chat + Alerts

AI that listens.

NovaBot flags safe fishing zones, seasonal bans, and job leads. Merges local data with NOAA forecasts to support both work and wellness. (See Sinai, 2024)



Feature Overview

Barter Checkout Preview

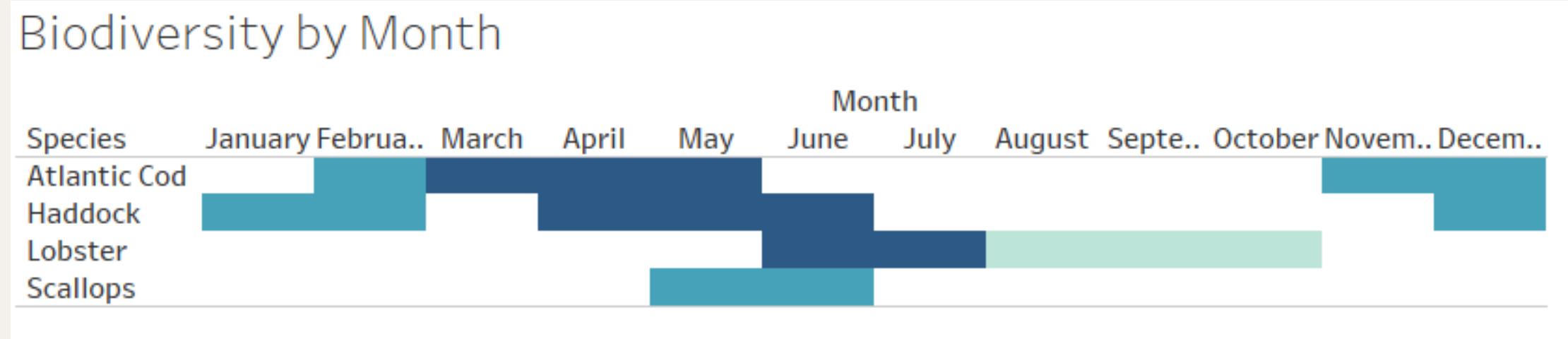
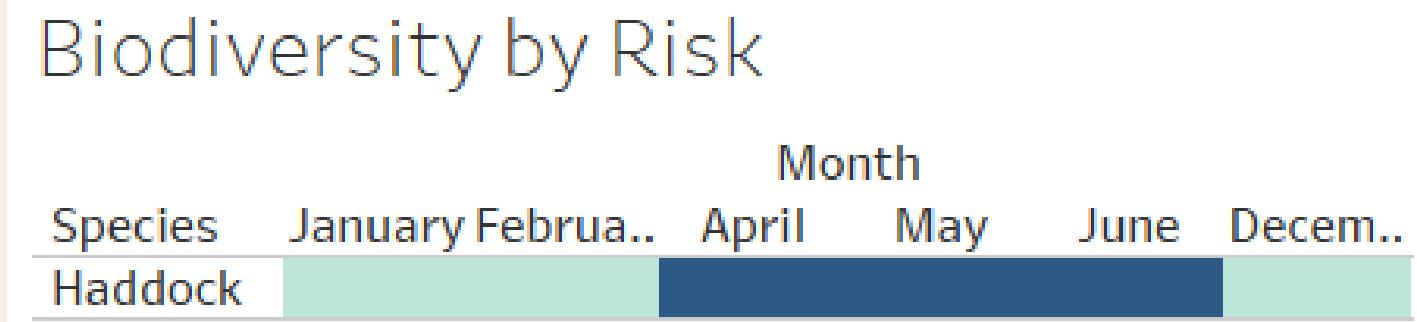
Local resilience made simple.

A working barter system for Whaleport's marine economy. Tech that uplifts—no credit card required. Just skills, stories, and sustainability.

Checkout		
SHIPPING	Add shipping address	>
DELIVERY	Free Standard 3-4 days	>
PAYMENT	Visa *1234	>
PROMOS	Apply promo code	>
ITEMS	DESCRIPTION	PRICE
	Will's Nets 3-Set Fishing Nets Silver handles Barter Accepted	\$10.99
	Will's Nets Crab Pot Used-Fair Barter Accepted	\$8.99
Subtotal (2)		\$19.98
Shipping total		Free
Taxes		\$2.00
Total		\$21.98

Biodiversity Risk & Timing

- Seasonal biodiversity risk demands blackout periods.
 - Cod zones must remain construction-free March–May.
 - Haddock activity spans wider
 - AI zoning adjusts accordingly.



What the Community Fears Most

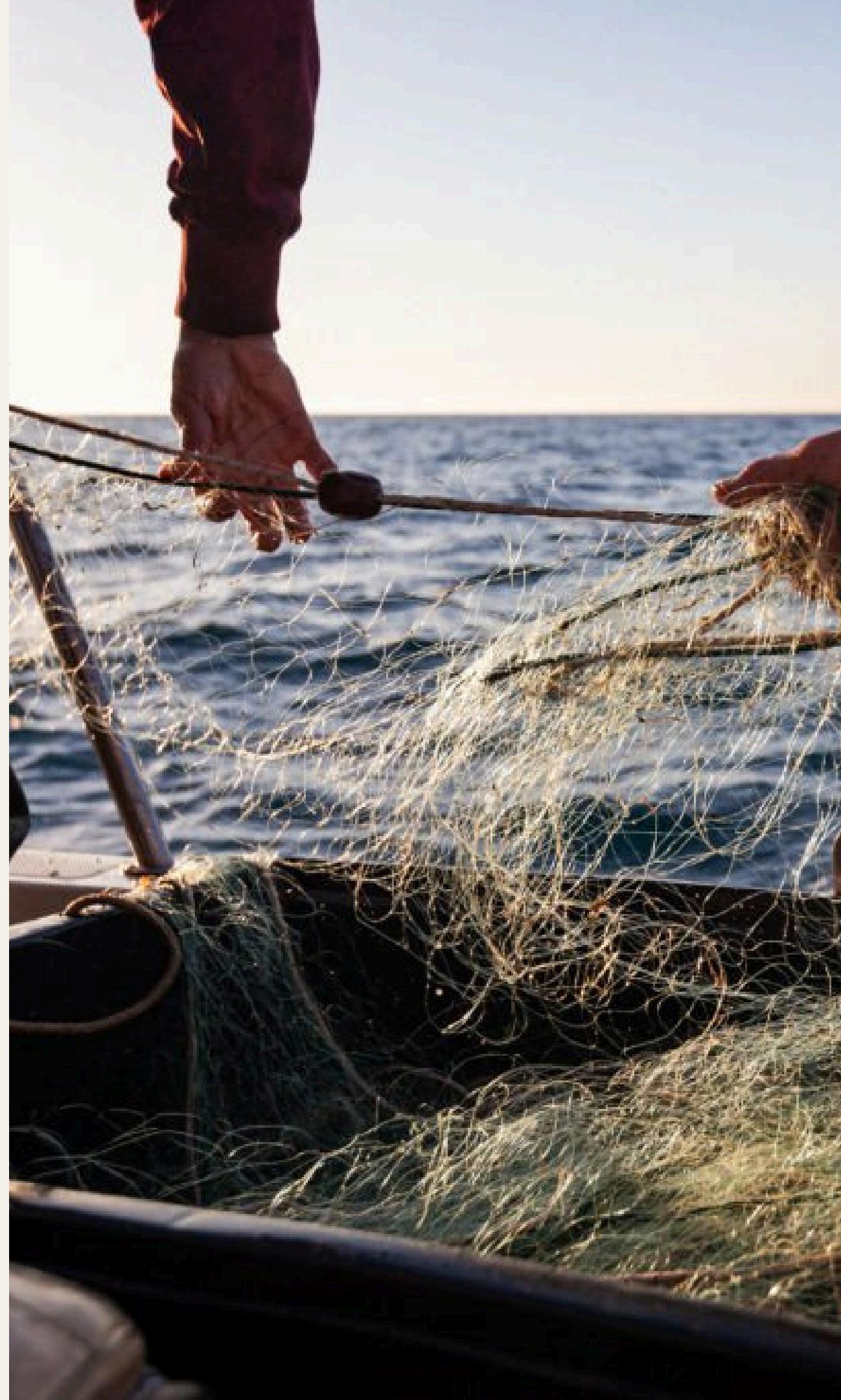
Justifies need for zoning transparency + co-design

- 80% - Cultural identity loss; Heritage matters. It's not just about jobs — it's about way of life.
- 75% - Fear of stock collapse; Ecosystems are fragile. AI zoning protects spawning grounds.
- 70% - Loss of access to fishing zones; Transparent maps + zoning alerts give power back to locals.
- 65% - Underwater noise disruption; TideTogether includes noise-sensitive timing & policy push alerts.



Value Beyond the App

- Incentive tracker connects users to available renewable energy grants and co-op bonuses
- Job retraining portal links to New Bedford NOWI + Blue Economy careers
- Revenue dashboards show shared co-op income in real-time
- Features built on actual wind, solar, and tidal potential data

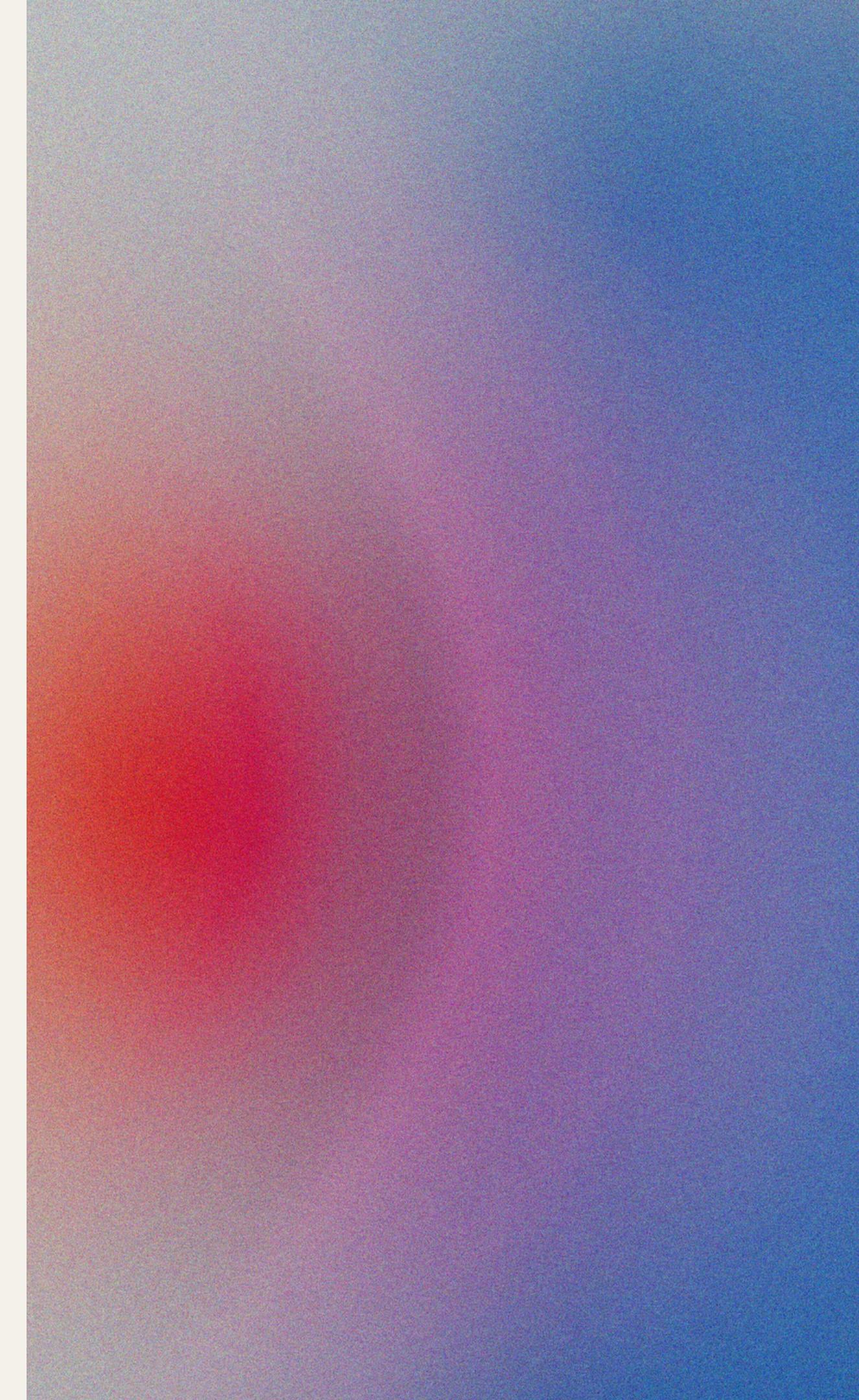


Ethics & Inclusion

Built for trust, not extraction

Core Values in UX design:

- 🔒 Consent-first data practices - no surveillance, just opt-ins
- ⟳ Offline + Narration Mode - access for low-bandwidth users
- 🌐 Multilingual Access - English, Spanish, Portuguese, Haitian Creole
- ♿ Accessibility Ready - Font scaling + screen reader compatibility



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