HarborAI — Smart Fish-Sorting for Hawai‘i's Working Docks

Keeping Hawai‘i's seafood fresh, safe, and profitable

by Dean

Why This Matters

Economic powerhouse

Local fishing brings **hundreds of millions** into Hawai‘i's economy yearly

Industry challenges

Worker shortages, tight margins, strict safety regulations

Community benefits

Higher payouts to boat crews, **more local jobs** kept on-island

The Pain Points

Labor crunch

Hard to hire and keep skilled sorters

Costly mix-ups

Single mis-labeled fish triggers recalls or price downgrades

Bottlenecks

Line jams slow entire day's unload

Price pressure

Competitors abroad already automate—Hawai‘i must keep pace

Our Simple Solution

1

Scans each fish

Instant analysis when it hits the belt

2

Precise sorting

Drops into correct chilled bin by size, species, quality

3

Quality control

Flags unusual specimens for crew double-check

What You Gain

Twice the speed

More boats unloaded per shift

Fewer mistakes

Premium tuna stays premium—no needless discounts

Lower labor strain

Staff handle quality checks, not heavy lifting

Safer food

Sick or damaged fish caught before market

Real Numbers (One Dock Example)

1,200

Fish per hour

Doubled from 600 baseline

<1%

Mis-sort rate

Down from 4% error rate

50%

Labor reduction

Hours per shift cut in half

$1M

Added profit

Net annual gain per facility

Cost & Payback

Up-front investment

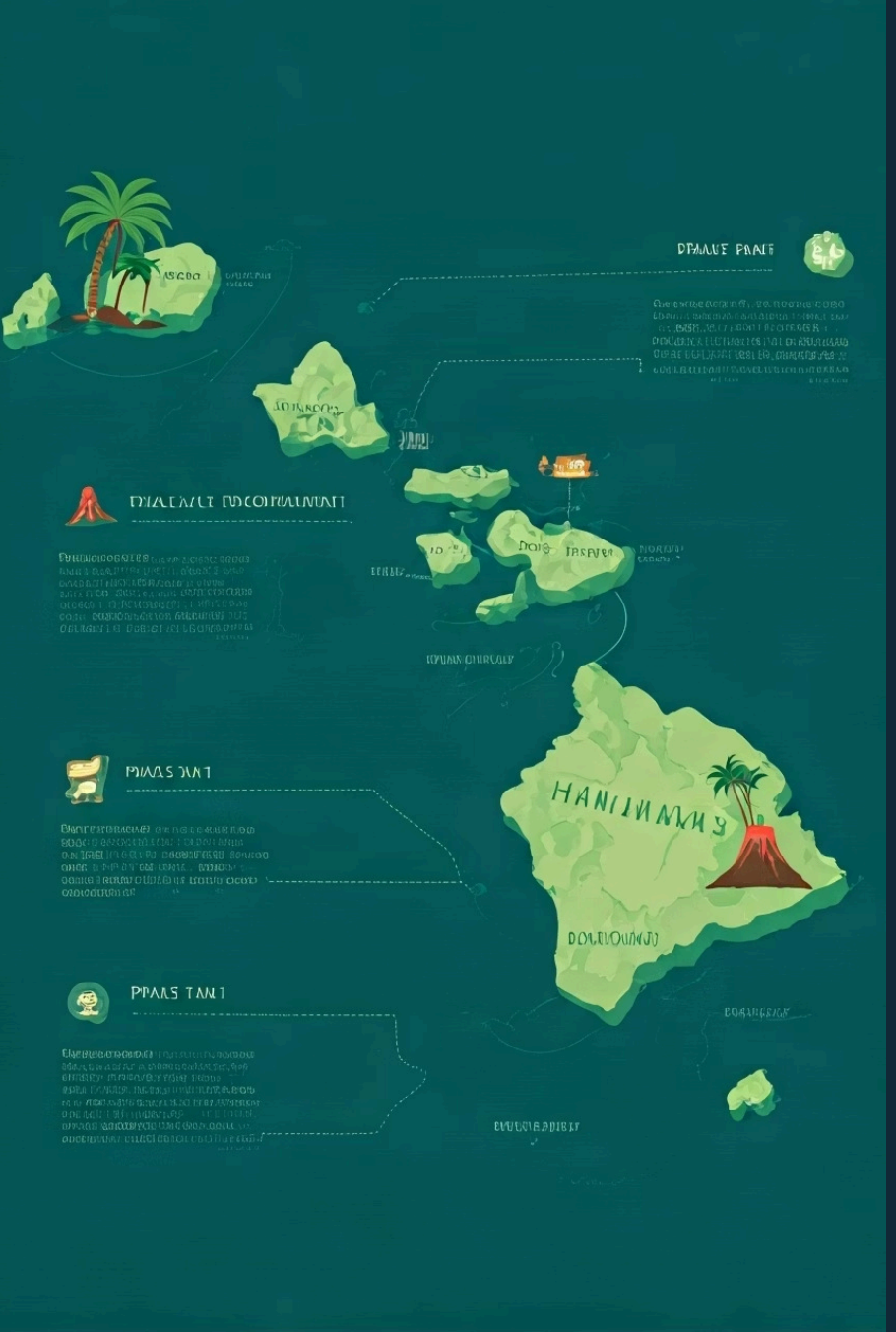
About **$480k** for robot, cameras, installation

Operating cost

Roughly **$45k yearly** for upkeep and software

Break-even

Under 7 months in typical Honolulu volumes



Easy Rollout

4-week pilot

Small line trial—prove the numbers

Full dock install

Complete before peak season

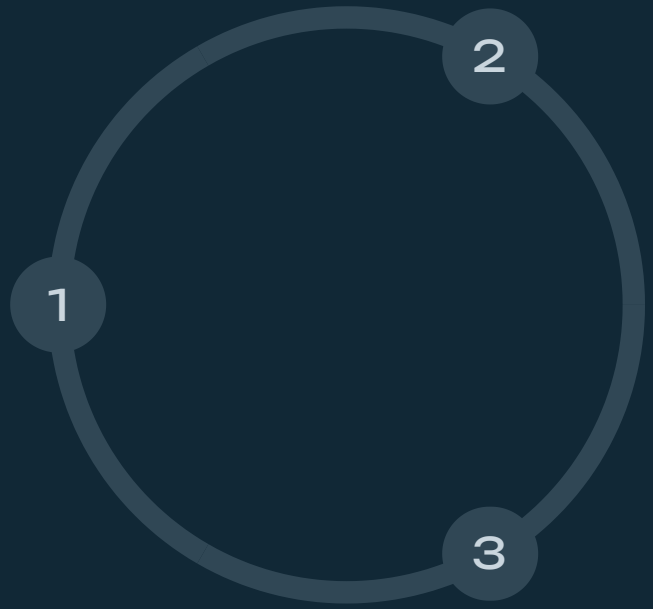
Island expansion

Hilo, Kona, Kauaʻi once results confirmed

Why HarborAI Stands Out

Local species focus

Tuned for Hawaiian fish—not just salmon or cod



Island-based support

24-hour local tech team—no mainland delays

Sustainability built-in

Less waste, better traceability for environmental goals

Community & ESG Wins

Public health protection

Early bad-fish detection safeguards consumers

Local job creation

Keeps **good-paying tech jobs** in the islands

Brand reputation

Supports Hawai‘i as **clean, responsible seafood hub**

Investment opportunity

Seeking **$2.5 million** for engineering and pilot launch

> Schedule a dockside demo—see HarborAI in action