

think2earn

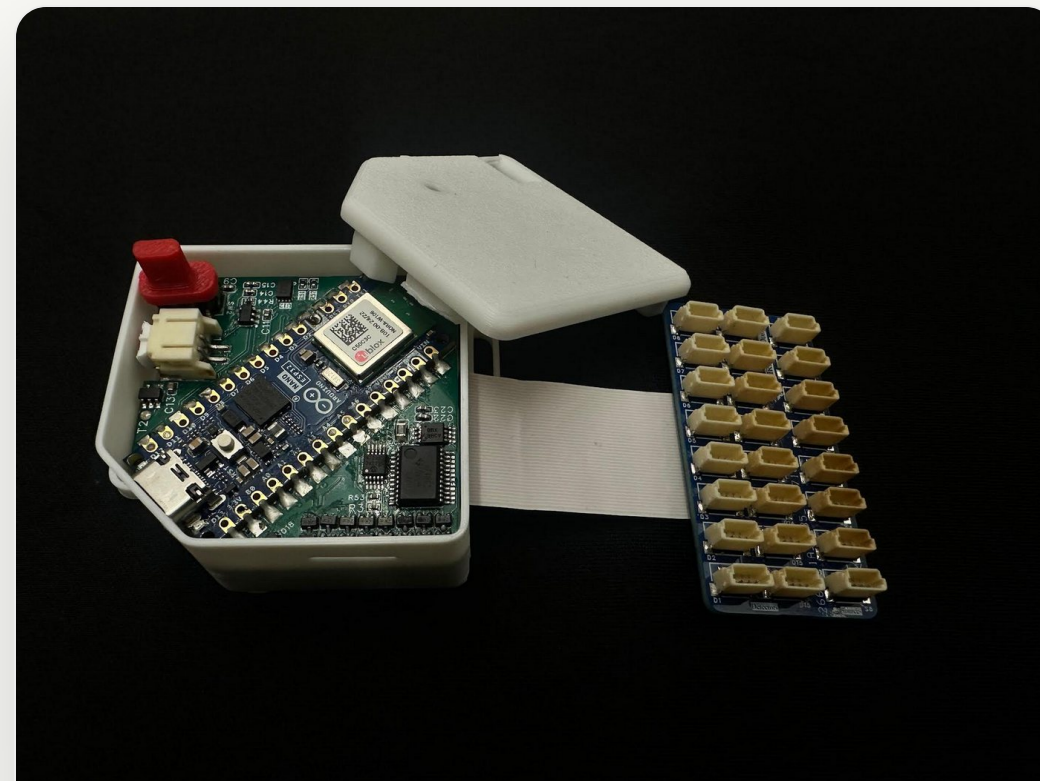
PRE-SEED — 2026

Open biosensors. Your data pays you.

Open hardware · user-owned biometric data · onchain
payouts.

\$150K raise \$3M SAFE Zug, Switzerland

think2earn



NIRDUINO V2 — OPEN FNIRS BIOSENSOR

● SHIPPED

AUGUST 2026 — PRESENTED BY CAROL CALIN

A \$90B sensor market runs on hardware you can't open and data you don't own. **Both just became fixable.**

\$450_{/yr}

what a user spends on wearables

closed firmware, vendor app only — Apple, Oura, Whoop, Abbott, Dexcom

0¢

what they pay you for your data

biometric data is aggregated, siloed, and sold — the wearer captures none of it

−90%

optical sensor cost since 2020

research-grade optics now fit a <\$500 consumer device — and onchain rails can pay contributors

WHY NOW

Cheap optics + 500M wearable users + zero open alternatives. The unlock isn't a new sensor — it's **who owns the data it produces.**

The only open biosensor that **pays its wearer.** Shipped.

SHIPPED**Hardware — v2 in production**

Light-based headband & armband. 4 circuit boards manufactured and tested.
Built with Vanderbilt's Bowden Lab.

LIVE**Software — upload, train, get paid**

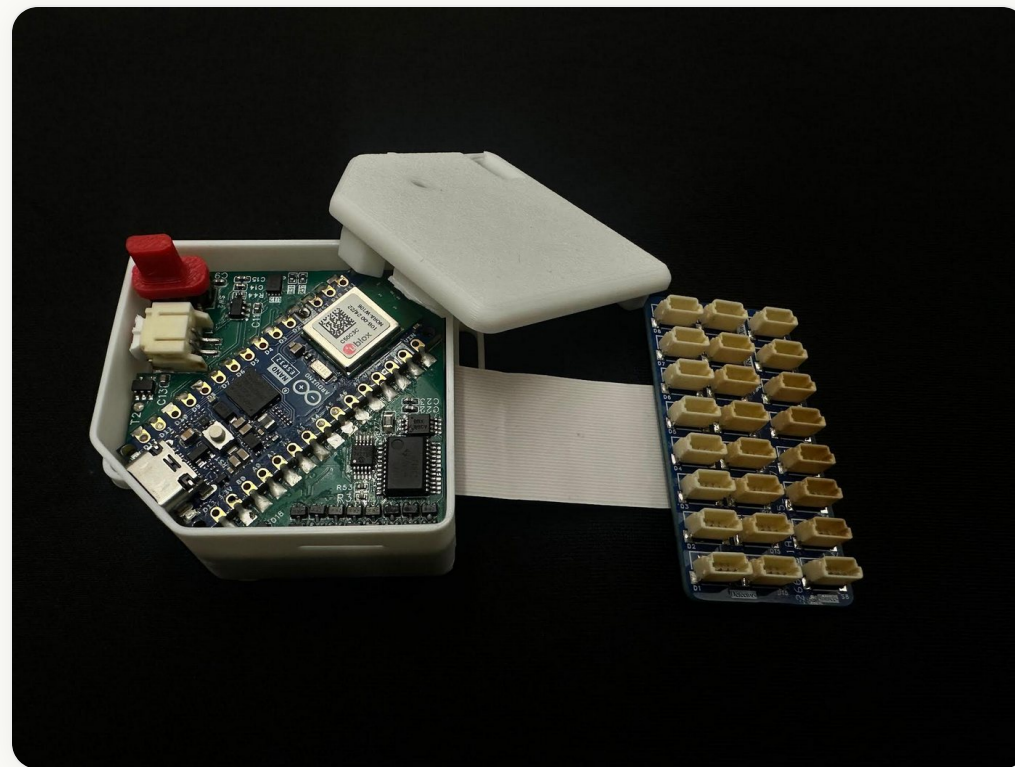
Web app for raw sensor ingestion, model training, and onchain reward claims.

PUBLISHED**Dataset — first of its kind**

Open paired light-glucose data with reproducible ML pipelines. First beachhead: glucose-trend prediction.

ALSO LIVE

Auth, payments & agent rails run in production at chat.think2earn.com — the data marketplace reuses them at zero marginal build cost.



V2 DEVICE — CONTROLLER, ENCLOSURE, SENSOR ARRAY

Data flows to researchers. Money flows back to wearers.

TODAY: your data → their cloud → their revenue. You get \$0.



Open

Schematics & firmware on GitHub. Anyone can build, improve, audit. <\$500/unit.

Yours

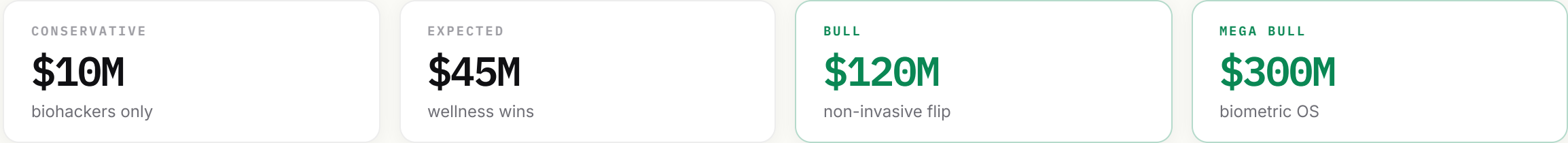
Data stays on-device unless shared. When you share, you earn — paid onchain.

Proven

Every payout cryptographically verifiable — zero-knowledge ML, onchain receipts.

Four buyer groups, one device. **Glucose is the wedge** — the rest is a firmware update.

REACHABLE REVENUE – YEAR 5, FOUR SCENARIOS



SAM PER USE CASE – SAME HARDWARE, DIFFERENT CUSTOMER



Platform TAM — 4 verticals on one device

sensor cost -90% since 2020 · 500M wearable users · 0 open alternatives · Fortune BI / GVR 2024

\$28.4B

Hardware at 63% margin funds the dataset. The dataset compounds into licensing revenue.

\$150

COST AT 200 UNITS

\$400

RETAIL PRICE

63%

GROSS MARGIN

0

SUBSCRIPTION DRAG

THE MOAT

Open hardware, private dataset. Incumbents can't copy without killing sensor revenue. Forks start at zero. We compound per unit shipped.

REVENUE 01

Device sales

D2C at \$400–600. One-time purchase, no subscription.

REVENUE 02

Dataset licensing

Universities & labs pay USDC for verified, paired biometric data.

REVENUE 03

Marketplace fees

Take rate on researcher ↔ contributor exchanges as the network opens.

FLYWHEEL

Device + data revenue → 30% of gross profit to onchain buyback → stronger token → bigger contributor rewards → **more devices, more data.**

Everyone else is closed, invasive, or **doesn't pay the user.**

	NON-INVASIVE	OPEN HARDWARE	USER EARNS	GLUCOSE	PRICE
think2earn	✓	✓	✓	researching, shipping	<\$500
Dexcom G7 / Abbott Libre 3	×	×	×	MARD 8.2%	\$2,400+/yr
Know Labs (KnowU)	✓	×	×	pre-FDA, delisted	not on market
OpenBCI	✓	✓	×	EEG/EMG, not glucose	\$300-1K kit
CUDIS ring	✓	×	✓	sleep / activity, not glucose	~\$349

SOURCES: DEXCOM G7 & ABBOTT LIBRE 3 PLUS SPECS (MARD 8.2%) · KNOW LABS NYSE DELISTING JAN 2025 · OPENBCI SHOP PRICING · CUDIS RING + \$CUDIS LAUNCH, JUN 2025

READ

Closed CGMs cost \$2,400+/yr. Open EEG kits don't earn. **We sit in the overlap nobody ships.**

≈\$71k of non-dilutive validation before raising a cent.

\$17.5k

NEAR Protocol Rewards

Diamond tier · staking that pays when data provably improves models

\$8k

Ocean Protocol Foundation

Research grant · NIRDuino build + paired light-glucose dataset

\$3k

EigenLayer AI Competition

Vibescore Top 5 — won with think2earn

Finalist

ETHGlobal Cannes 2025

ENS Most Creative 2nd · \$10k AWS credits

+ ZuVillage Georgia \$3k (Best Startup · Best Project) · Deep Funding \$2k (3rd of 12,125, Vitalik-sponsored) · Linea 2nd \$1k · ETHDam Waku ~\$1k · ZuThailand EZKL \$500

BUILD CREDITS — \$35K, FUNDING APP DEVELOPMENT

\$20k Hyperagent Founding 500 · \$10k AWS via ETHGlobal Cannes finalist · \$5k Thinking Machines (Tinker)

RESIDENCIES & STAGE

MegaZU (panel judged alongside Vitalik) · The Vault Berlin (EigenLayer AVS) · Zuitzerland ×2 (Logos + track) · ETHGlobal Buenos Aires (Curvegrid) · ZuThailand fellow

SHIPPED

NIRDuino open fNIRS hardware with **Vanderbilt's Bowden Lab** · first public **paired light-glucose dataset** · chat.think2earn.com live — the agent & payment rails the marketplace runs on.

Built by the person **wearing the device.**

CC**Carol Calin**

FOUNDER — HARDWARE + GTM

Dual MSc (Data / Forensic). Software, fundraising, and the one wearing the device.

AB**Albina**

PLATFORM ENGINEER

Web platform — data ingestion, ML pipelines, onchain claims.

A.J.

HIRING WITH RAISE

Amelia

DATA SCIENCE

Dataset modeling & classification pipelines.

**Tudor** ADVISOR

OpenAI Member of Technical Staff · on leave from Stanford postdoc · ex-CTRL-Labs (Meta).

COLLABORATOR

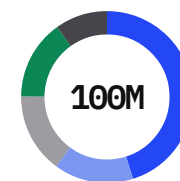
Bowden Lab at Vanderbilt University

+ **HIRING** **Embedded Engineer** — firmware, signal acquisition, manufacturing.

USDC pays the bills. Profit buys the token. Emissions can never outrun the buyback.

01 REVENUE	Hardware + data licensing, paid in USDC by default — or stake \$T2E instead (dual rails).
02 BUYBACK	30% of gross profit → public onchain contract, TWAP buys — no discretion, no front-running. Bought \$T2E → protocol-owned liquidity until a depth target, then 100% burn.
03 EMISSIONS	Pegged to the buyback: at most \$0.75 minted per \$1.00 repurchased — supply contracts by construction, no assumptions required.
04 ACCESS	Staked \$T2E = a fixed daily API allowance — dataset queries, model access, agent tools. Using the product means buying and holding it.
05 SINKS	Pay in \$T2E → 15% discount, tokens burned · quality bonds on data uploads — junk gets slashed.

SUPPLY — 100M FIXED



- 45% contributor rewards
- 15% investors (all rounds)
- 15% team & advisors
- 15% treasury & ecosystem
- 10% liquidity

Contributor tokens unemitted at year 8 are burned — the pool is a ceiling, not a schedule. No hidden overhang.

Investors & team: 2-yr cliff, 4-yr vest. Insiders 30% total. Staked \$T2E governs emission splits, bounties, treasury.

PHASE 01

● LIVE

PHASE 02

NEXT

PHASE 03

THEN

Payment & agent rails

chat.think2earn.com

Encrypted data sharing

same rails, private datasets

Fair payouts

contributors paid onchain

\$150K turns a shipped device into a validated dataset company.

\$3M SAFE · 5 MONTHS · 2 MILESTONES · UNLOCKS SEED

\$50K

PHASE 1 — M 1-2

Ship the platform

- 50 open-hardware units manufactured
- Data ingestion + ML training pipeline
- Payout rails: Base L2, x402, EIP-3009

\$100K

PHASE 2 — M 3-5

Validate first vertical

- 100-person glucose-trend trial (CGM + finger-prick ground truth)
- Leave-one-subject-out cross-validation
- Lock the model. Prove the loop.

Seed

OUTCOME — M 6+

Open dataset + working loop

- First-of-kind paired biometric dataset
- Validated glucose-trend model in production
- Clinical evidence pipeline for EU MDR

DE-RISKED

Kill criterion pre-named: if glucose-trend accuracy misses the bar, the same hardware pivots to cognitive load — **the dataset and platform survive the pivot**. Launches as wellness & research device (no FDA/MDR gate). \$35k in build credits already offsets infra.

WHAT YOU FUND

An **open biosensor platform**, a **first-of-kind paired dataset**, and the loop proof that unlocks every adjacent vertical. Swiss association (Zug) = clean token pathway.