THREEFOLD

OUR PURPOSE

Be the most valuable infrastructure network

Valuable means

groundbreaking proven technology
help build the internet of the future
real practical use cases for sovereign AI
global participation
restore equal access to internet

WE BUILD ON A SUCCESSFUL TRACK RECORD

Our team has built some of the world's most advanced Internet and cloud technologies that were later acquired by some of the biggest names in the space for a cumulated **+USD 600 million and +44% IRR** for our investors.

2005

DataCenter TECHNOLOGIES

Data reduction and capacity optimization software for disk-based backup.

ACQUIRED BY:

VERITAS

LATER SOLD TO:

Symantec

Market Cap: USD 17 Billion

THE CARLYLE GROUP

Market Cap: USD 8 Billion

2005

Dedigate

Managed dedicated hosting services for complex Internet infrastrutures.

ACQUIRED BY:

verizon terremark

LATER SOLD TO:

EQUINIX

Market Cap: USD 34 Billion

2008

HOSTBASKET

Belgium's largest hosting company.

ACQUIRED BY:

telenet

Market Cap: USD 8 Billion

2009

Q-layer

Automation of cloud computing deployment, full data center virtualization.

ACQUIRED BY:

Sun microsystems

LATER SOLD TO:

ORACLE

Market Cap: USD 205 Billion

2015

AMPLIDATA

Object storage software for public and private cloud data centers.

ACQUIRED BY:

HGST

SUBSIDIARY OF:

Western Digital

Market Cap: USD 25 Billion

OUR TEAM HAS SET NUMEROUS WORLD RECORDS

World Records for Web Hosting (1997-2002)

Our team started the internet hosting and datacenter business in Europe. We hosted some of the largest websites in the world including UEFA, Nasa, World Cup.

The FIRST Backup Data Duplication system in the world (2005)

The advances we made in this field brought up to 100x benefit compared to the status quo running in datacenters at the time

One of the FIRST Cloud Systems (2008)

We were one of the pioneers of cloud computing in general. Terms like Virtual Private Datacenter were invented by us.

The FIRST multi-site consistent database (2010)

This was a major technological achievement, we invented a method to store data in a database over multiple sites in such a way data could never be lost, corrupted or order of updates changed.

The FIRST unbreakable and distributed storage system (2012)

We delivered a system to store zetabytes of information in such a way not even a quantum computer can hack it, and the data can never be corrupted. This system was 10x more energy efficient compared to any alternative.

Probably the FIRST proof of block stake blockchain (2017)

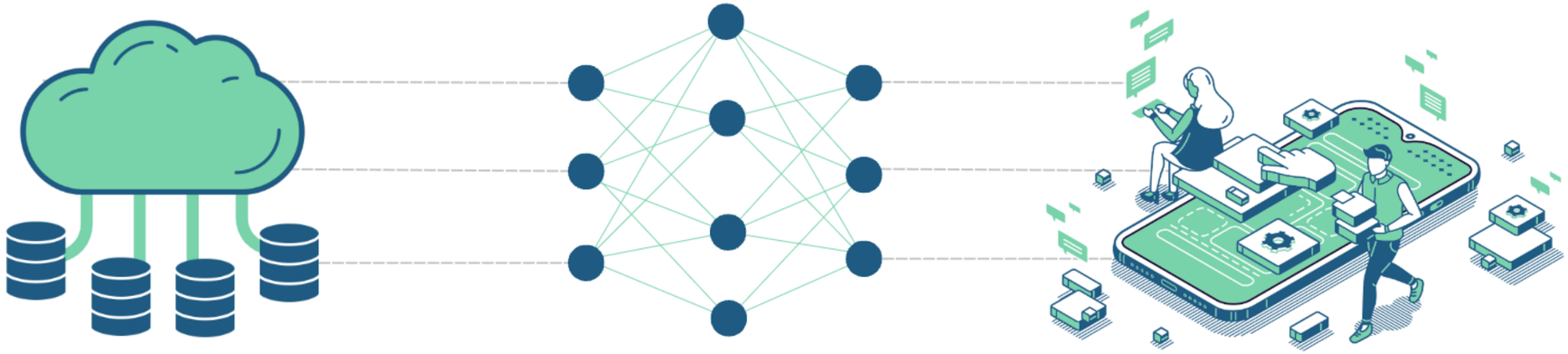
This blockchain was sustainable and scalable and allowed people to transact their stake as well as their digital currency in same transaction, which still to date is novel.

THE PROBLEM

AUTONOMOUS CLOUD ENGINE

We are not dreaming of a better Internet.
We are building it.

THE THREE LAYERS OF THE INTERNET



Compute & Storage

Network Connectivity

Applications
(server, blockchain, web, AI, ...)

WE NEED A NEW INTERNET ENGINE

which has the capability to fix the Cloud and Internet in relation to Security, Energy Usage, Inequality, Complexity, Latency, Scalability, Reliability ...

LIMITATIONS TO CURRENT CLOUD MODEL

BECAUSE OF CENTRALIZATION

EASILY HACKED

Centralized data centers allow hackers to easily jeopardize data due to a **single point of attack. Global cybersecurity damage crossed USD 6 trillion in 2022.**

NOT SCALABLE ENOUGH

The current infrastructure has limits to how fast and how far it can expand, it's also not self-managing (autonomous) requires human oversight, **Leaving +3 billion people unconnected**.

BURDEN TO PLANET

Current storage and compute systems are too power hungry. They now **consume a large part of the world's energy.** They are a huge burden on the planet.

SUSCEPTIBLE IN CONFLICT

Centralized data centers are susceptible to attacks during conflict. **An entire countries ICT systems can be jeopardized if their data centers are damaged or compromised.**

NOT RELIABLE ENOUGH

Most current IT systems are **too complex and centrally managed** (by people) which leads to unsafe and suboptimal security and reliability.

LACK OF SOVEREIGNTY

Where a country's data is stored and compute is done is critical to its **sovereignty**. Many nations are now looking for local cloud and AI capacity to realize independence and help with **national security**.

THE CLOUD WORLD DOES NOT
UTILIZE COMPUTER HARDWARE WELL.

Hardware advancements surged, while experiences and features stagnated, unable to match the pace.

AMIGA 500

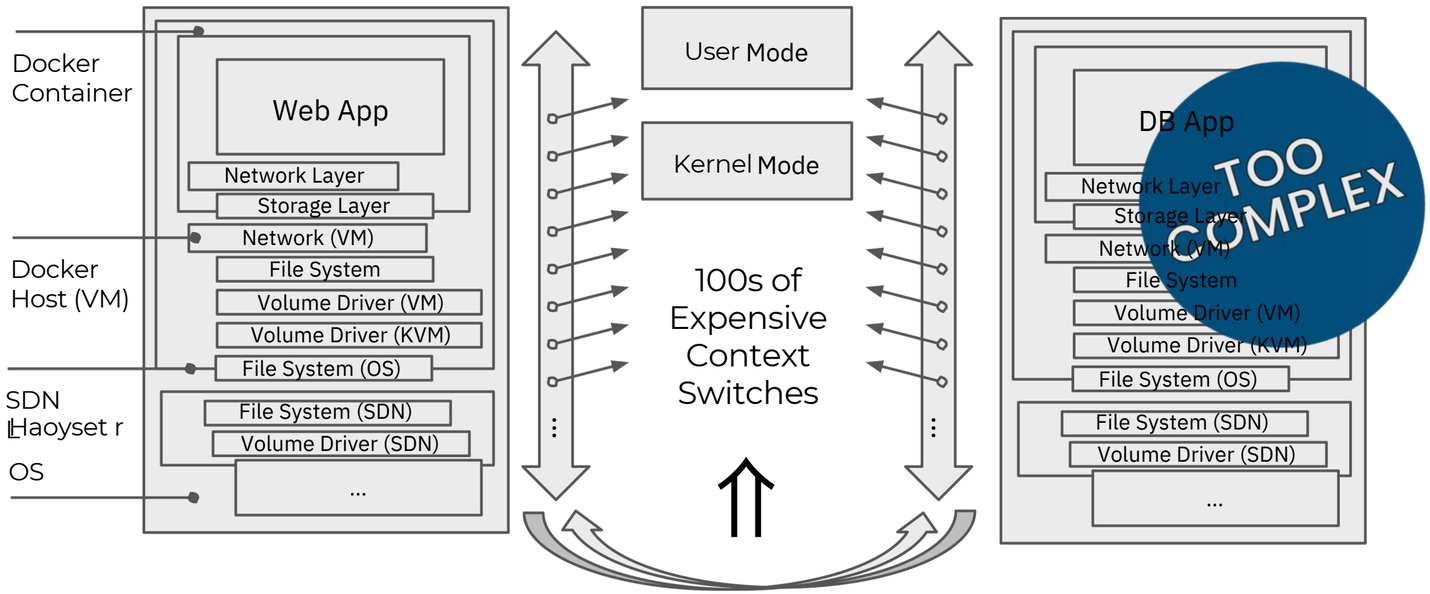
MACBOOK PRO

	Amiga 500 **1987**	**2024**	**improvement**
memory capacity	0.5	16,384 MB	32,768
harddisk capacity	5	262,144 MB	52,429
cpu	7	44,237 MHZ	6,320
perceived performance	1	5	5
graphics (horizontal pixels)	640	2560	4

THREEFOLD

ABSTRACTION LAYERS
COMPOUND COMPLEXITY.

too many abstraction layers results in bad efficiency, performance loss, increased management costs, and scalability challenges.



THREEFOLD

THIS IS DUE TO A NUMBER OF REASONS.

Abstraction

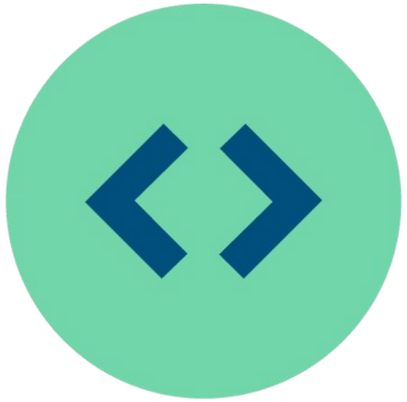
IT companies prefer to integrate rather then to create novel solutions.
Abstractions are needed to keep it all functioning but leads to complexity and inefficiency.

Mismatched Education

focus on commercial technologies rather than groundbreaking innovations, often driven by vendors.

Pain Killer Approach

Startups often prioritize quick solutions for immediate pain points instead of long-term innovation.



Keep on creating layers

Layering allows incremental development, compatibility, and minimizes disruptions, but makes true change impossible

THE SOLUTION

AUTONOMOUS CLOUD ENGINE

We are not dreaming of a better Internet.
We are building it.

A TRILLION-DOLLAR CLOUD & CYBER SECURITY MARKET

Antidote for CyberPandemic

Trillions of USD are lost each year because of the CyberPandemic. Our sollution offers a pro-active different approach to this problem.

AI & Edge Workdloads

This Trillion USD market needs a different engine which is more scalable, secure & reliable.

Sovereignity

Countries are looking for solutions which are sovereign and allow them to restore the huge imbalance created over the years.

3 INVENTIONS Make It Possible

A new Bare Metal Operating System

supports all required Web2 and Web3 workloads and allows millions of nodes to operate in full autonomous mode providing lower cost, better energy efficiency, more reliability and security

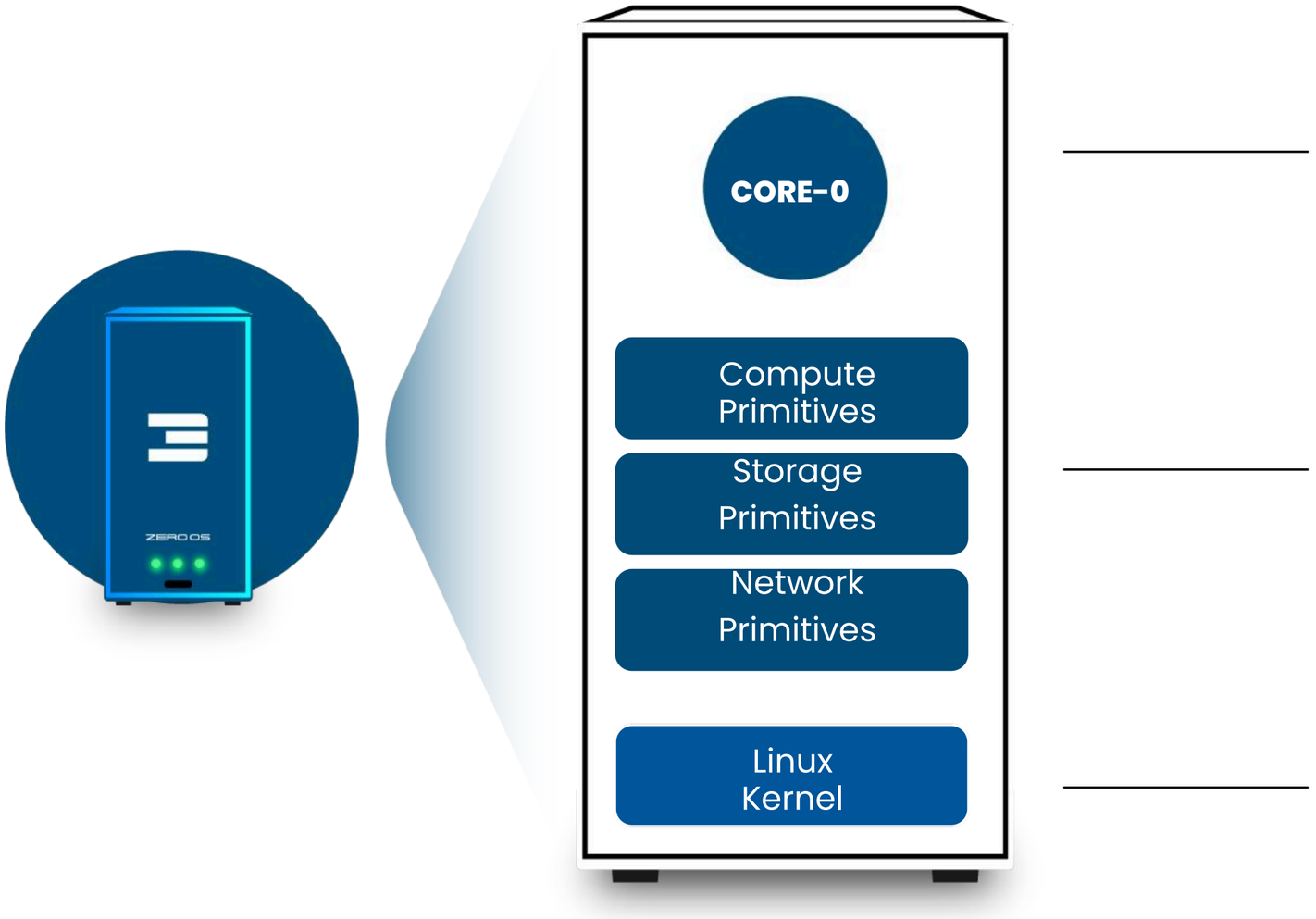
A Quantum Safe Storage System

capable of storing data indestructible, efficient, and ultra-scalable. Previous versions of this system are widely used to store Zetabytes of information by large organizations.

A Quantum Safe Network System

Mycelium can look for the shortest path, has a built-in naming & CDN (Content Delivery) system, can survive disaster and network cuts much more efficiently as is possible today.

ZERO OS A LIGHTWEIGHT REDESIGNED STATELESS, SECURE OPERATING SYSTEM.



CORE-0

First process launched on the Zero-OS. This process kicks off all activities on the node and allows the full OS to be booted over the network maintaining full integrity and hacking surfaces.

Hardware Support

Support for INTEL, AMD or ARM based CPUs. Support any amount of GPU/CPU/Memory

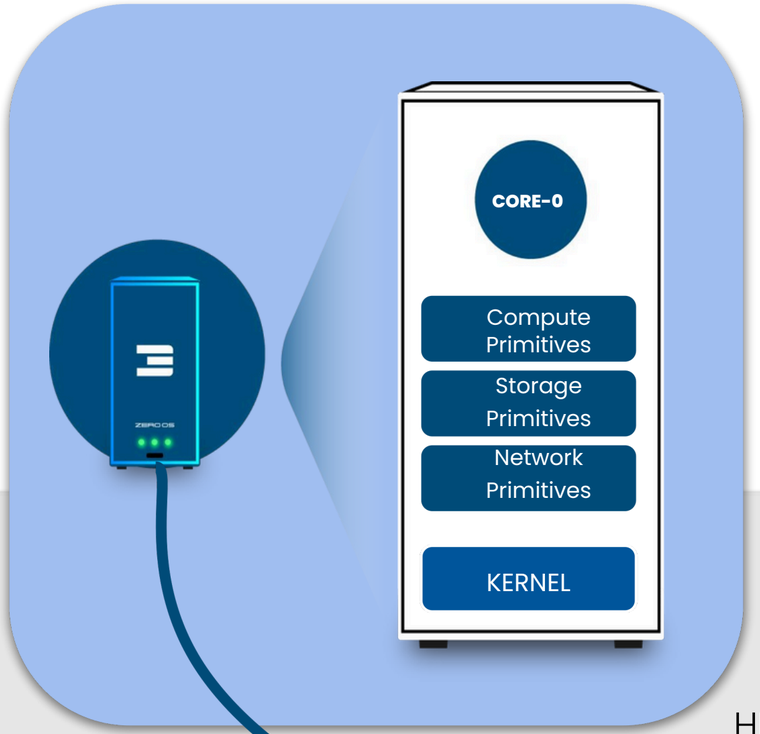
Kernel

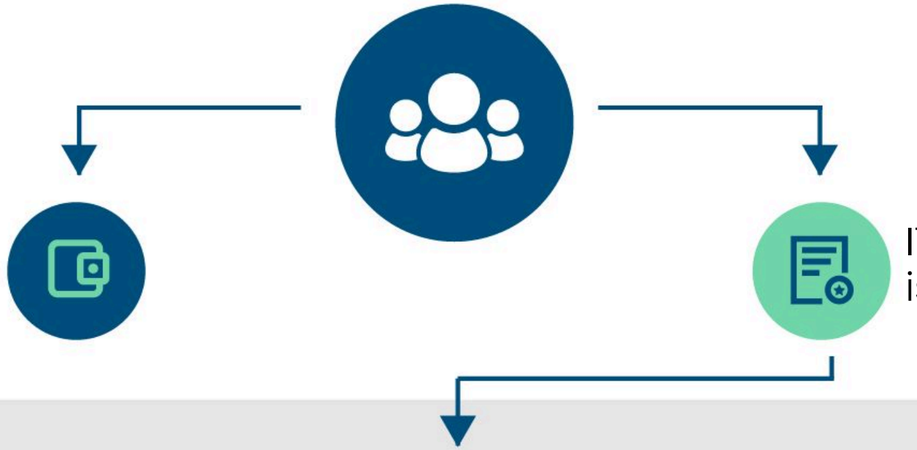
Zero-OS uses the well known Linux kernel because it has device drivers for almost any hardware that exists.

THREEFOLD

CONSENSUS DEPLOYED AND OWNED

IT workloads can be deployed in a secure, verified, multi-signed, and authenticated sovereign environment.





IT Contract is Signed

HERO

HERO

HERO

HERO

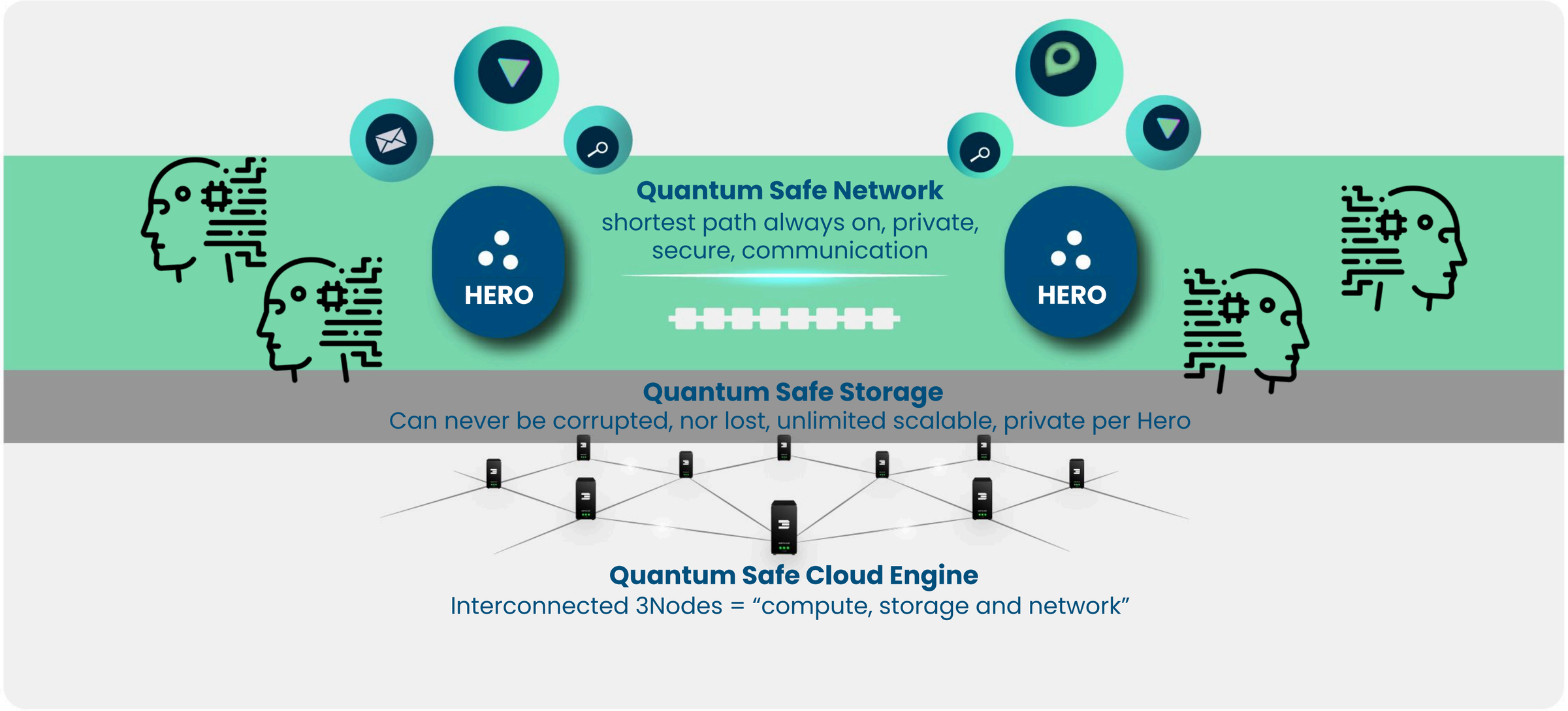
HERO's are your autonomous virtual system administrators.

None of the signers have access to the deployed solution or data stored.

THREEFOLD

SELF HEALING COMPUTE, STORAGE & NETWORK

Augmented Collective Intelligence : Planet Scalable, Green, Quantum Safe, Secure.



BASE LAYER FOR ANY EDGE & AI WORKLOAD

AI

decentralised Infrastructure for AI Workloads

WEB 2.0 & 3.0

build and create distributed apps.

BLOCKCHAIN

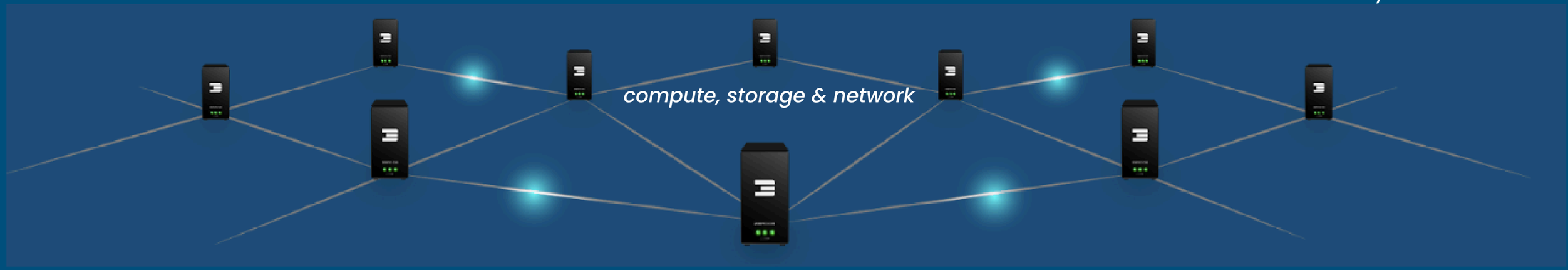
true decentralised infrastructure

METAVERSE

faster gateway to the metaverse.

IOT

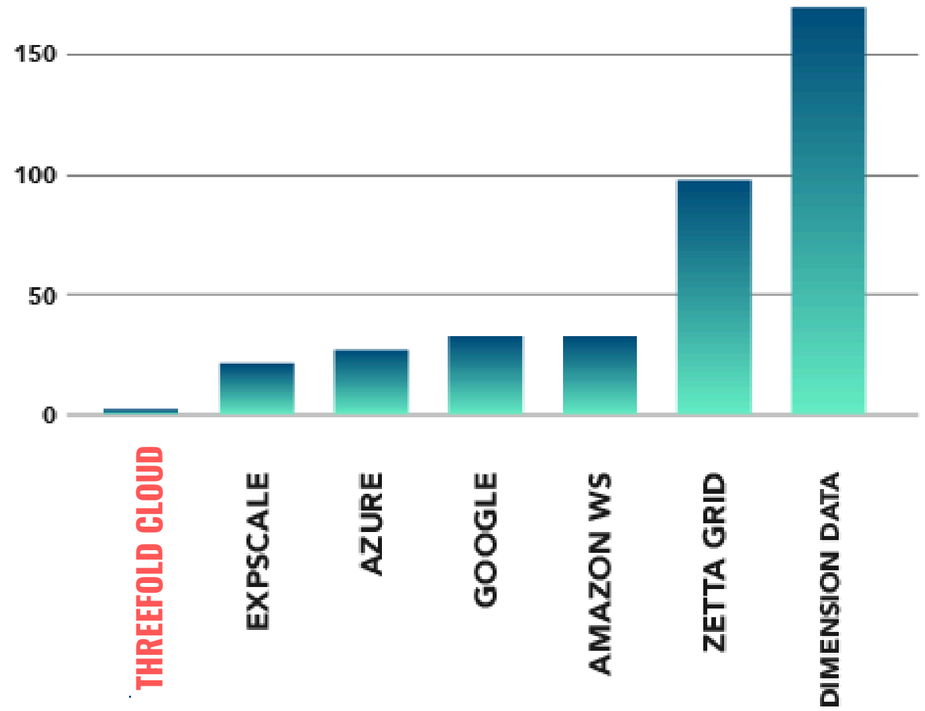
operate millions of nodes with more security, scale and affordability.



Interconnected 3Nodes providing AI & Edge Cloud Capacity

ABSOLUTE COST ADVANTAGE FOR OUR ECOSYTEM

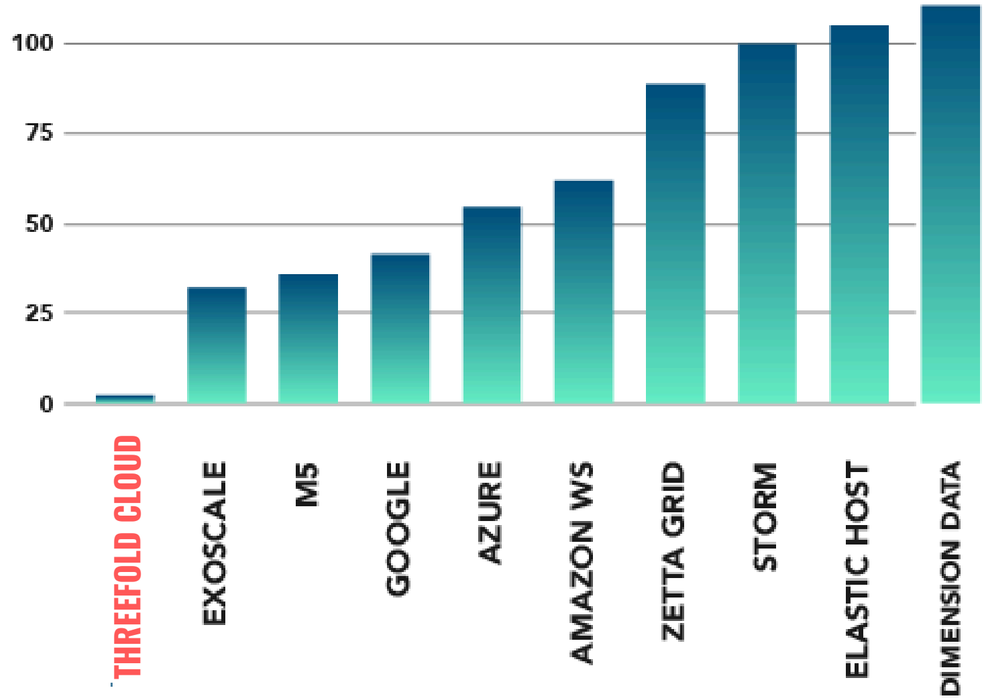
STORAGE



Pricing is calculated for the following configuration:
Storage: **1,000GB** , Transfer: **100 GB**

Our Cost = < USD 2 / month
Market Price USD 12-160

COMPUTE



Pricing is calculated for the following configuration:
Compute: **2 vCPU** Memory: **4GB** Storage: **200GB**

Our Cost = < USD 2 / month
Market Price USD 10-100

THE PATH TO SOVEREIGN AUTONOMOUS CLOUD

	ThreeFold	Protocols	Centralized Data Centers
Number of Transactions per Second	**unlimited**	limited	unlimited < 200 ms (varies
Response Times	**< 50 ms**	+ 100-2000 ms	by location)
Decentralized / Neutral	**yes**	often not	no
Blockchain Secure	**yes**	yes	no
Potential for Self-Healing	**yes**	no	no
Digital Currencies Ecosystem	**yes**	yes	no
Privacy / Sovereignty	**high**	low	medium
Featureset	**comprehensive**	limited use cases	wide but complex
Cost Efficiency	**yes**	better than cloud	expensive
Empowers Decentralized Web	**yes**	yes	no
Energy Efficient & Green	**upto 10x better**	diminishes with scale	no
Reliable (can withstand cable cuts, wars, ...)	**YES**	NO	no
Experience	**30 year experience for world record projects**	blockchain as swiss army knive does not work.	high

ITS HAPPENING

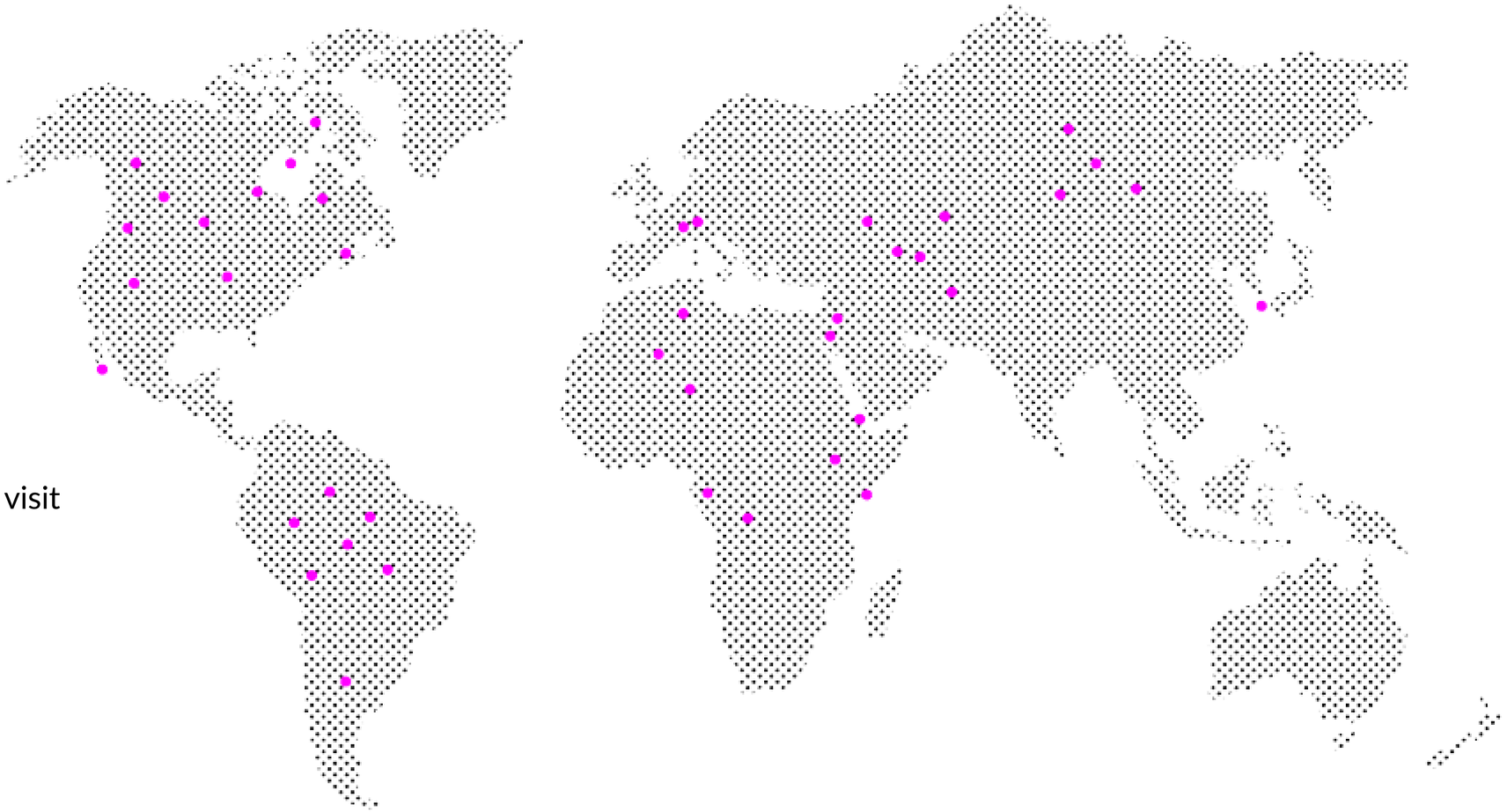
AUTONOMOUS CLOUD ENGINE

We are not dreaming of a better Internet.
We are building it.

DEPLOPYMENT:
THREEFOLD GRID

+50 COUNTRIES	20PB STORAGE
+2k FARMERS	60K CPU CORES

For more information please visit
https://stats.grid.tf



ADOPTION

“BE THE INTERNET”

Community is constantly adding **capacity** to the decentralized Grid.

60.000 CPU cores & 25.000.000 GB of storage **live today.**

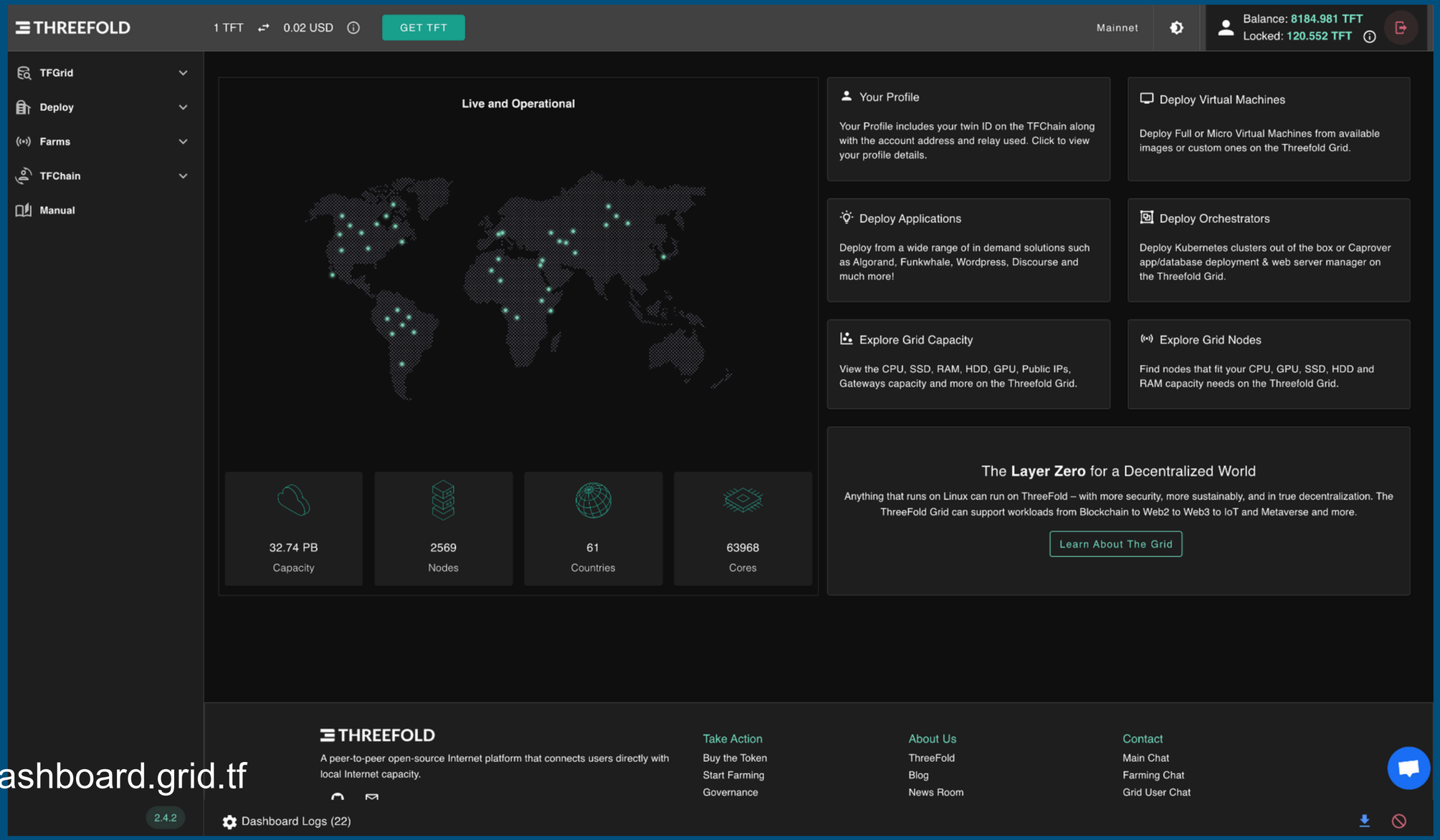
50m USD has **been invested** by our community and investors.

Offices, homes and data centers serve as basis for secure Edge & AI Cloud Capacity

Countries: are planning to deploy our internet solution nation wide.

https://dashboard.grid.tf/#/tf-grid/node-statistics/

THREEFOLD GRID DASHBOARD

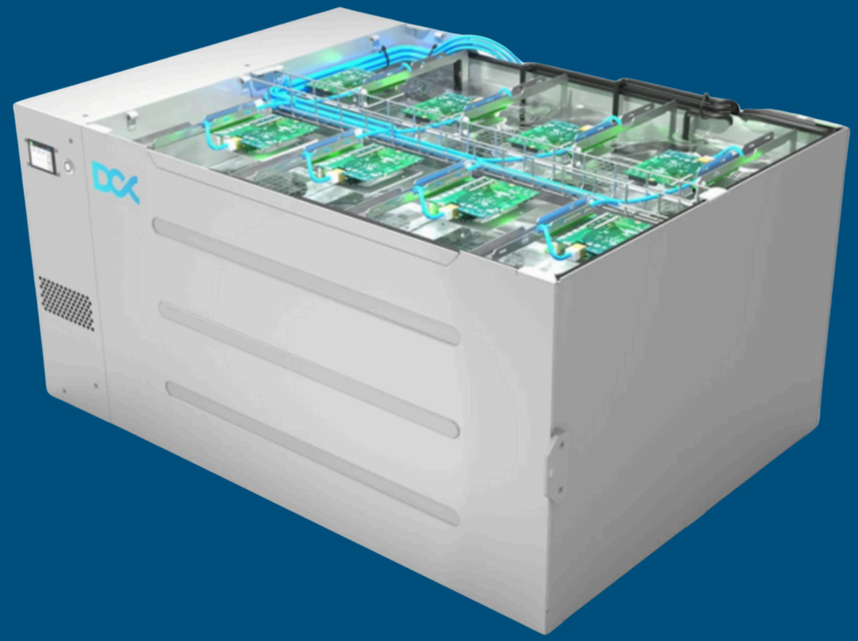


https://dashboard.grid.tf

USE CASE 2:

TIER-S DATA CENTERS (SUPER HUBS)

Our technology allows us to build data center solutions with significantly better CAPEX & OPEX



BENEFITS

- SECURITY
- SCALE
- SUSTAINABLE
- AUTONOMOUS

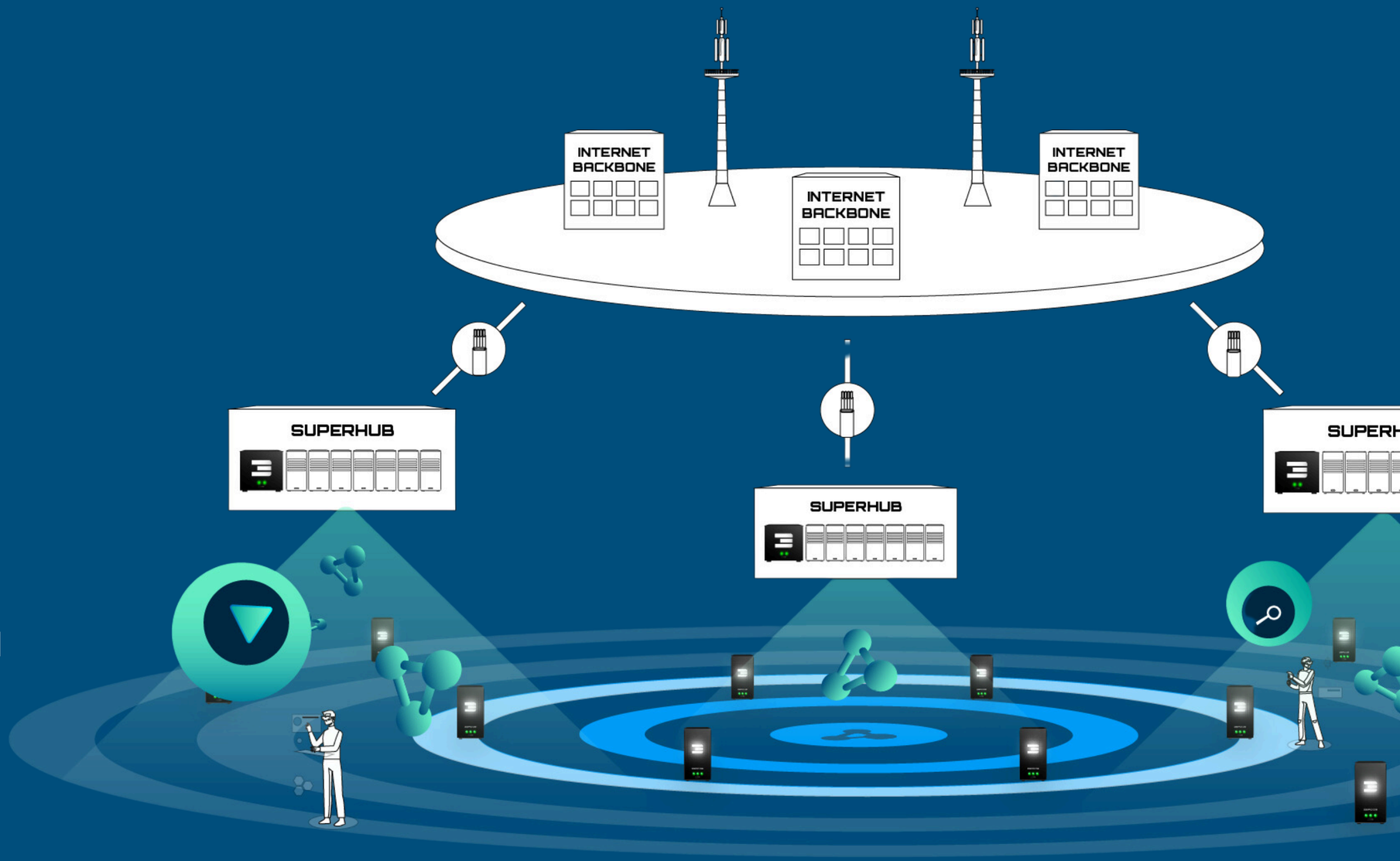
USABLE FOR ANY SCALE

Our infrastructure can scale to billions of users while saving up-to 70% on cloud and telco opex & up-to 90% on energy

Telco tower, 4G+/5G Telecom infrastructure

Supernodes placed in strategic locations with high connectivity and bandwidth.

Smaller **edge nodes** connected at the edge to expand a distributed grid of compute, storage and network capacity.

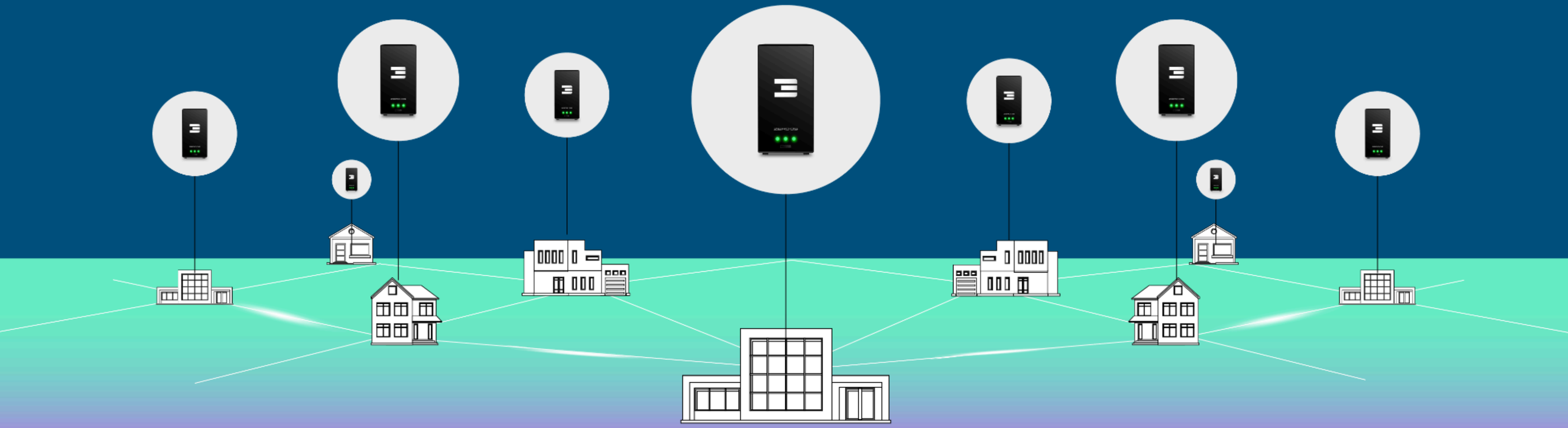


Ideal growth partners include OEM & Telecommunication (Dacenter, 5G, Fiber, Satellite, ...

USE CASE 3: TRANSFORM YOUR COMMUNITY INTO A DECENTRALIZED DATA CENTER

Each homeowner becomes a
generator of Internet Capacity.

NEIGHBORHOOD CLOUD



USE CASE 4:

Deploy Sovereign Cloud in Countries

Expand cloud infra through OEM and Channel partners, e.g. a Government and/or Telco.

BENEFITS

- ECONOMIC GROWTH
- SOVEREIGNITY
- SUSTAINABLE
- NATIONAL SECURITY

THE CITIZEN

Business Entertainment Sports

PRIME

Sovereign internet: A game changer to Tanzania startups ecosystem growth

Saturday, January 20, 2024

By Jacob Mosenda
Education writer/journalist with The Citizen
Mwananchi Communications Limitted

FUNDRAISE

AUTONOMOUS CLOUD ENGINE

We are not dreaming of a better Internet.
We are building it.

OURWORLD & THREEFOLD TEAM

Our team of founders has decades of experience in the IT industry and has been involved some high-profile exits.

KRISTOF DE SPIEGELEER
CEO TFTech & OurWorld Holding

Serial entrepreneur with 30 years of experience in Internet infrastructure and cloud technology. Passionate about tech for good. +600m $ exits

OWEN KEMP
CO-FOUNDER, Strategy & Investor Relations

An experienced executive in the IT space, having led several multi-billion dollar businesses for HP in all world-wide markets.

XAVIER GREGORY LAYRE
Strategic Officer

Experience Digital Transformation | Strategy | Restructuring | Asset Management | Startups Growth & Turnarounds | Venture Builder

AHMED HADAD
Business Devevelopment Africa & ME

Experienced professional Africa and Middle East with Telco/Gov

ADNAN FATAYERJI
CEO ThreeFold Dubai

20 year Dubai based tech entrepreneur with multiple exits.

MICHEL COUCKE
Board & Chairman Remuneration Committee

CEO Lancor, a global executive search firm specializes in board-level search mandates including CEO, CFO, C-suite executives, etc.

WEYNAND KUIJPERS
Product Management

Rocket scientist , new technology, Corporate Biz Dev

VP Corporate Strategy and Alliances NTT, Verio, UEFA, ...

SACHA OBEEGADOO
Business Development & Community

Start-up launcher that has lead teams of up-to 75 people towards 3 digit growth numbers.

FLORIAN FOURNIER
CO-FOUNDER, CMO & BizDev

Ex Apple marketing director, multi million campaign articulation with expertise on branding and outreach.

JAN DE LANDTSHEER
CO-FOUNDER

40+ years of experience in high tech, networking, cloud, ...
+7 Startups with Kristof

CHRISTOPHER CAMPONOVO
CLO

International lawyer and institution builder; PPP and public policy specialist. Consigliere. Experience: white house.

ALEXANDRE HANNELAS
Finance

Finance lead with experience in Investment Management and Administration fund.

THREEFOLD

Phase 1

CREATION OF CORE TECH

+10 years of development

Build decentralized, autonomous, edge internet technology.

50m USD invested by community and TF Tech Investors.

Phase 2

TRACTION & EXPANSION

Signed with Government of ZNZ for Digital FreeZone & Connected Charter City
+4 Projects with working tech active and ready to scale.
Open-Source Deployment:
+60 countries
+30.000 Virtual CPUs
+30.000.000 GB of storage

50m USD invested by Investors & Community

Phase 3

EXPAND THREEFOLD

Convert biz dev opportunities in the pipeline: Telco, OEM, Channel Deals

Fundraise Equity & Tokens

SAFE 1 COMPLETED IN JULY 24
SAFE 2 STARTS SEPT 24

Potential Exit for TF9 in 1.5 years

Launch Token on DePIN.

Phase 4

AUGMENTED COLLECTIVE INTELLIGENCE ACHIEVED

+1 Million Nodes
+100 Million people

INVESTMENT OPPORTUNITIES

TECH

Intellectual Property

SHARES IN TECH COMPANY

The tech engine behind everything, planned exit < 1.5 years.

Investors get return, OurWorld gets funding for next decade.

“SAFE” INVESTMENT INSTRUMENT OR DIRECT INVESTMENT

DePIN

Decentralized Physical INfrastructure

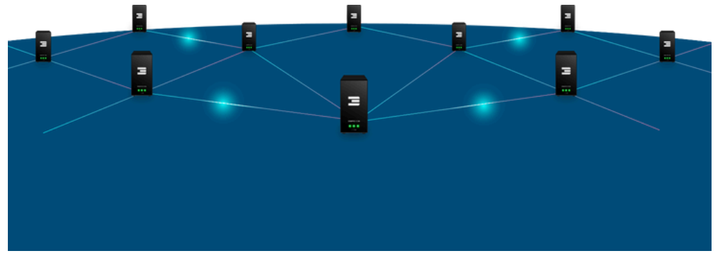
DIGITAL CURRENCY

Our open source decentralized effort expanding to millions of nodes. DePIN flywheel as basis for expansion capability. expanded by independent people and organizations. Token designed for maximum impact.

DEPIN PROJECT LAUNCH Q1 2025

STO

Security Token



PUBLIC REGULATED OFFERING (future)

Let's together invest and build our own Cloud & Internet. Together with Telecom Operators, Channel Partners, Governments, this allows us to deliver green scalable, automated and safe decentralized AI & edge clouds.

PROJECT FINANCING + FARMING POOLS 2025

THREEFOLD
REVENUE STREAMS

THREEFOLD DUBAI

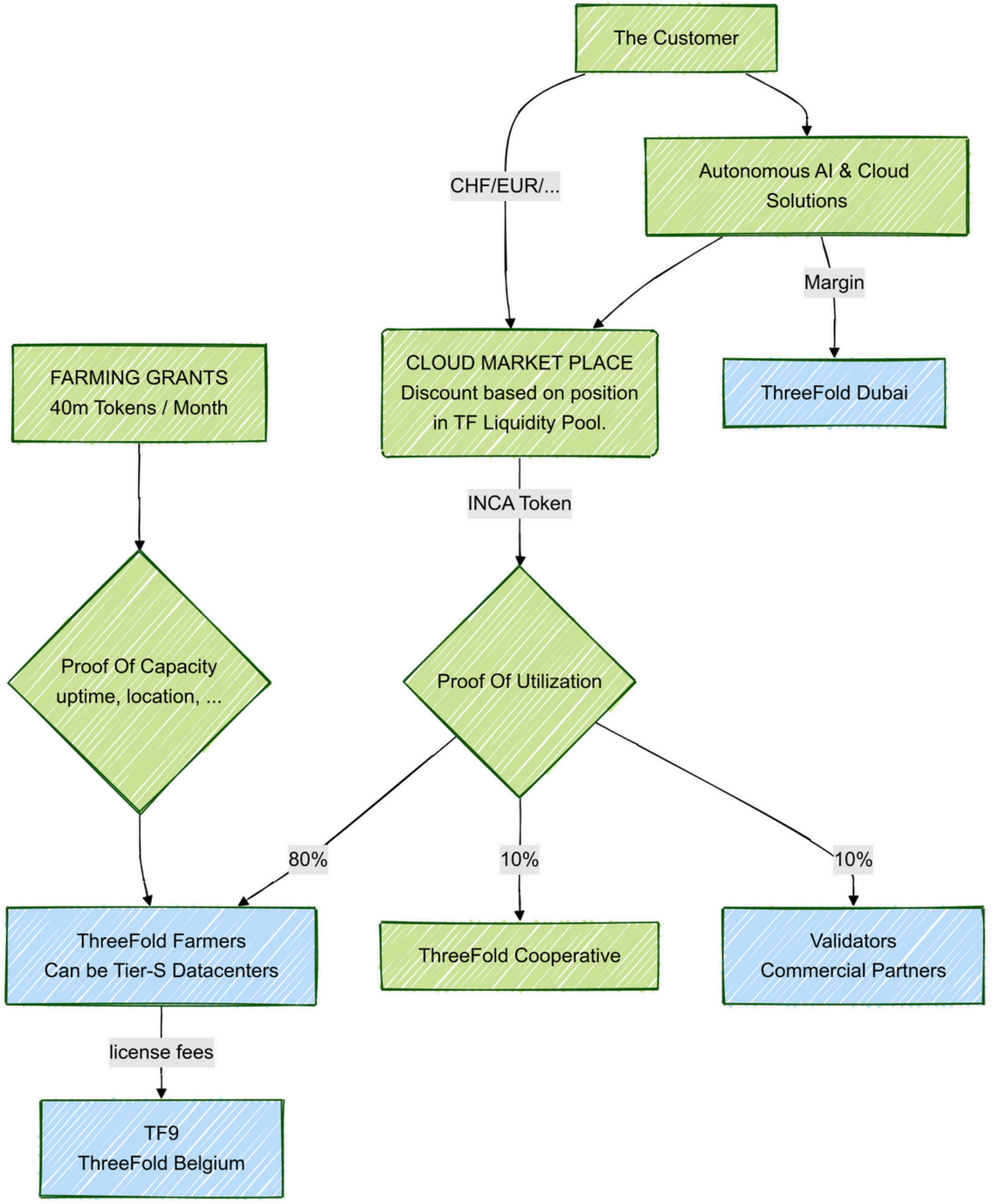
- Commerial company around TFGrid
- Promotes the expansion of Grid & works with Tokens
- All based on opensource software
- Income
  - Margin on Advanced Cloud Soutions
  - Token appreciation (treasury)
  - Token Grants for development of ecosystem and tech

THREEFOLD Belgium

- Owner of the Technology, Strategic Options
- Income
  - License Deals (+10m USD per Tier-S Datacenter)
  - OEM Deals

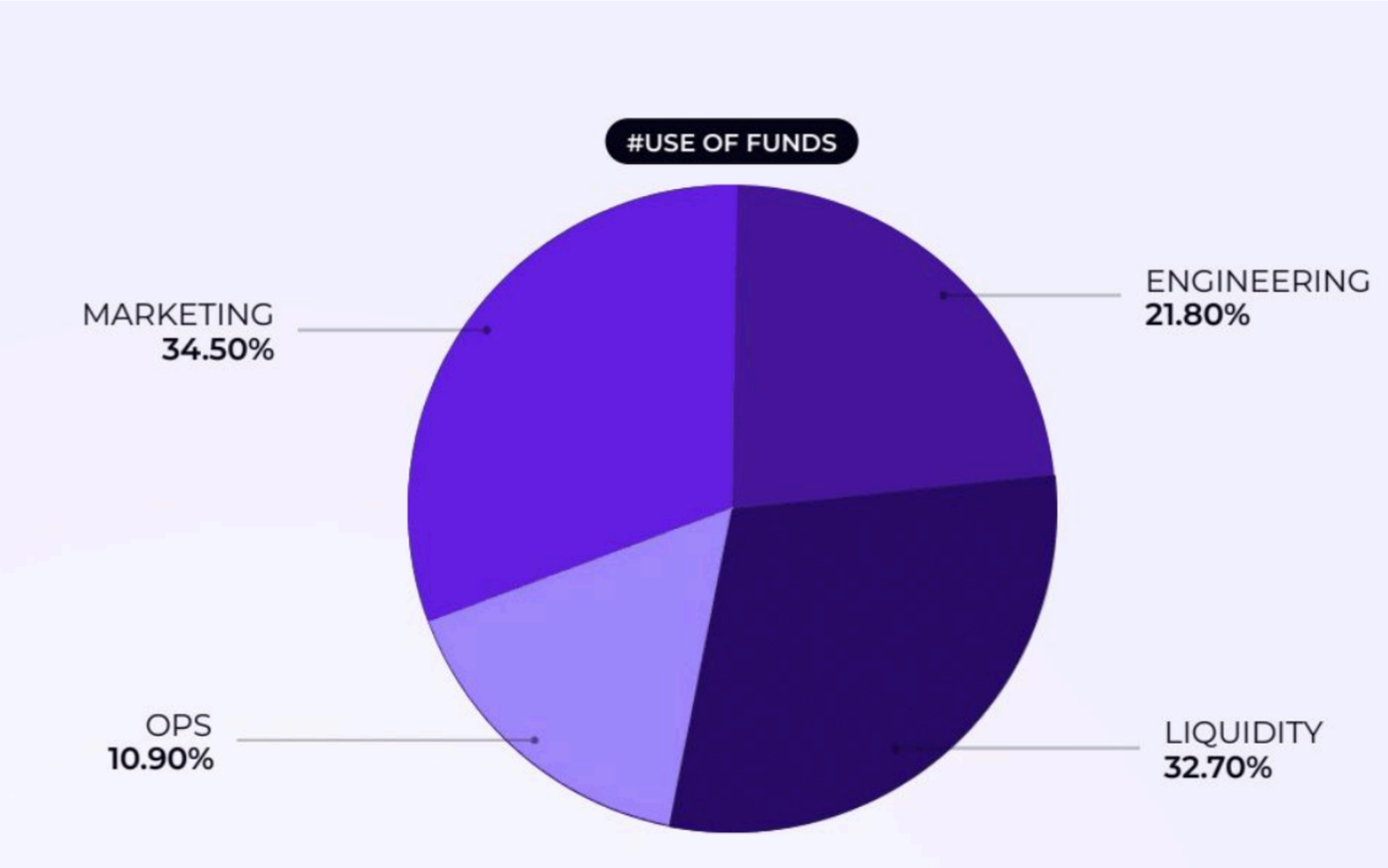
THREEFOLD Ecosystem e.g. Farmers

- Thanks to tech the margin is high for a farmer.
- Especially at start Token grants are substantial.



Strategic Funding Round for our web3 DePIN Launch

THE START OF BIGGER ROUND



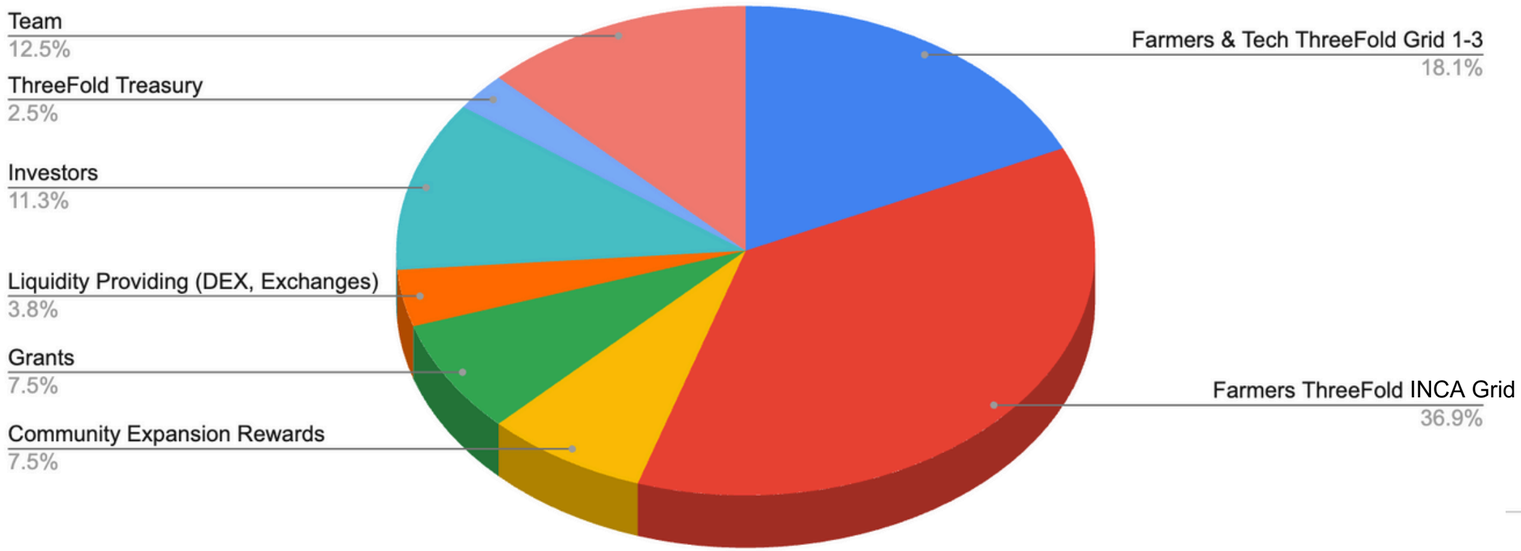
THE $INCA Token

- Main liquidity pool on Solana
- Token Supply: 4 bn tokens
- 74% reserved for tech / community

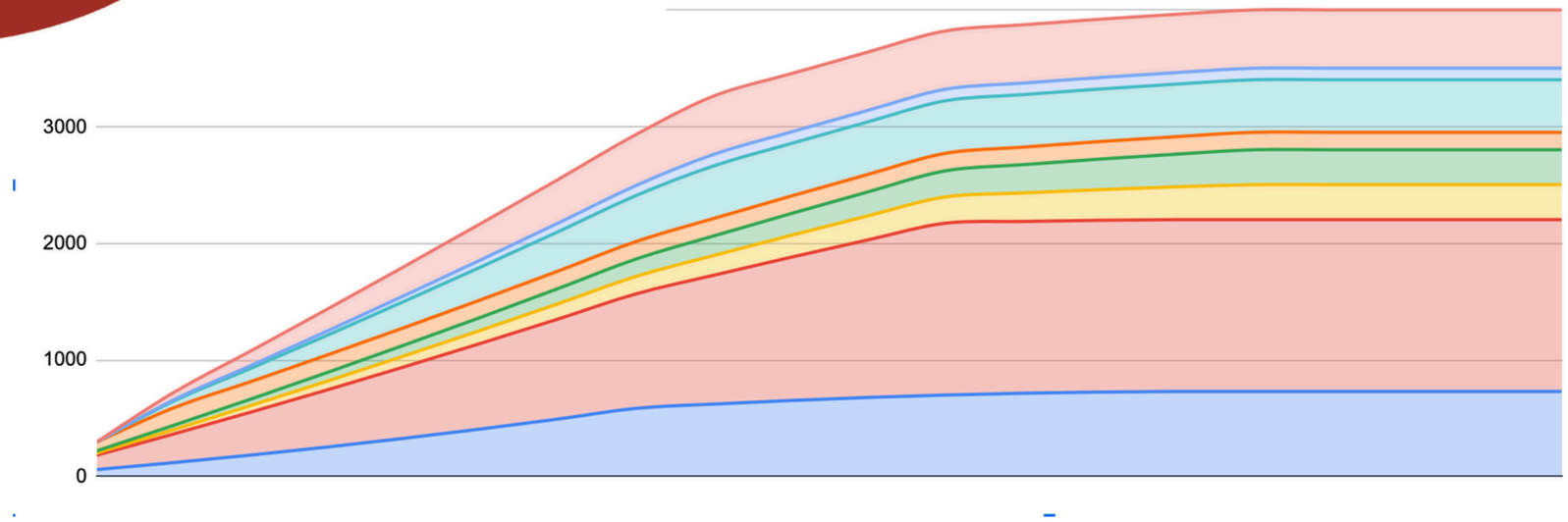
- $INCA protocol fee sharing (80%) to reward farmers
- $INCA providing discount on cloud market place

DePIN: TOKENOMICS TO REWARD COMMUNITY

ALLOCATION



74%

- **47.5% -> Farmers (miners)**
- **7.5% -> Tech**
- **3.8% -> Liquidity**
- **15% -> Grants + Rewards**

UNLOCK