

DePIN Will Onboard The Masses Into Web3

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DePIN Podcast

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Who has heard this statement before?

**“Onboarding The Next
Billion Users Into Web3”**

What We Will Look At Today:



THE UNIQUE VALUE OF
DePIN

WHY THE MODEL IS POISED TO
Onboard Billions Into Web3

3 REAL WORLD
Case Studies

What The Heck is DePIN Anyway?

Decentralized
Physical
Infrastructure
Networks



DePIN Sector Map

Decentralized Physical Infrastructure Networks (DePIN)

Physical Resource Networks

Wireless Networks

5G Networks



IoT Networks



WiFi Networks



Geospatial Networks

Positioning Networks



Imagery and Mapping Networks



Environmental Networks



Mobility Networks

Data Networks



Rideshare & Delivery



Energy Networks



Digital Resource Networks

Storage Networks

File Storage



Databases



Compute Networks

General Purpose



DePIN-Specific Transcoding



Machine Learning



Bandwidth Networks

CDN Networks



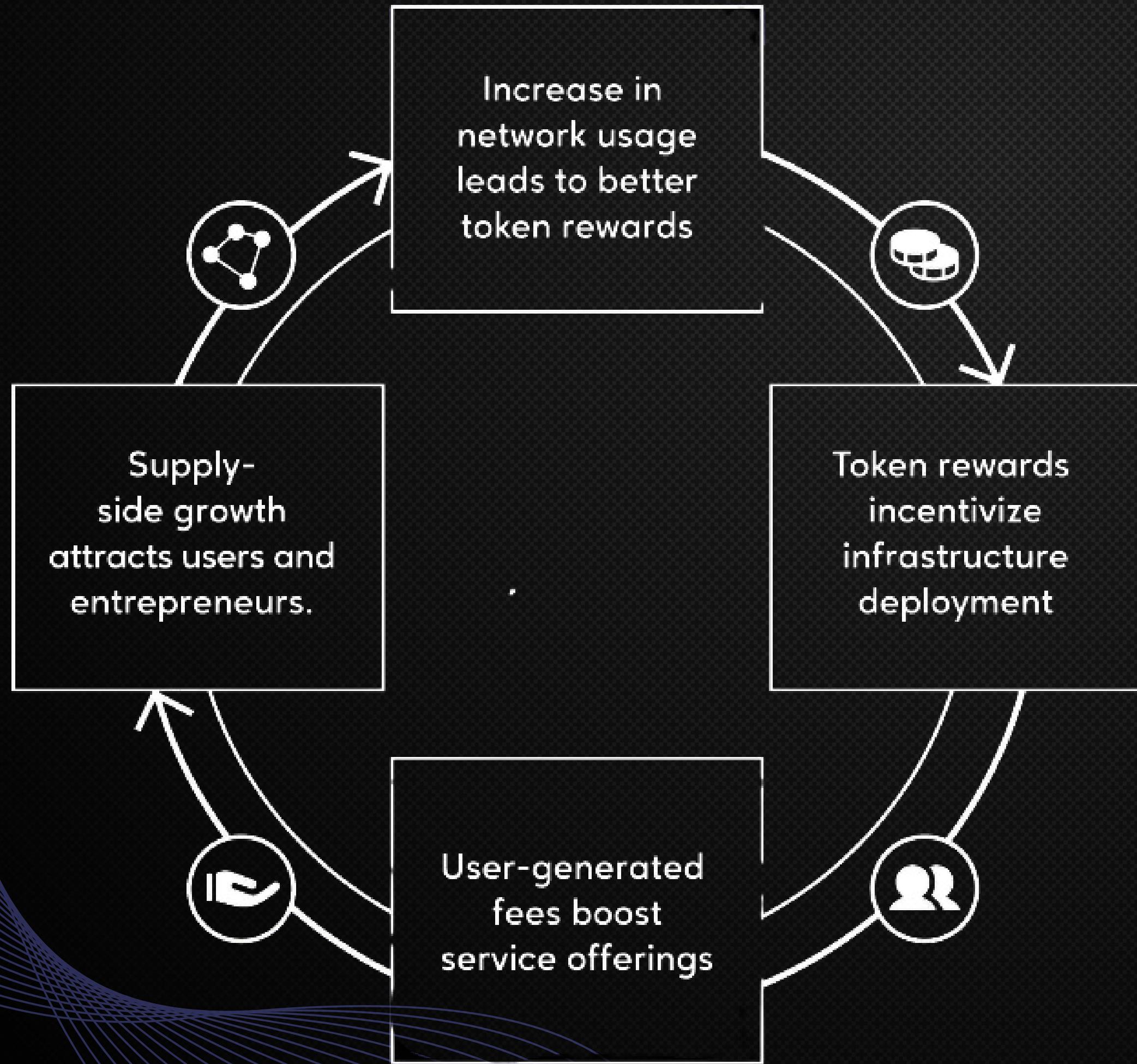
VPN Networks



Web Proxies



The DePIN FlyWheel



CURTESY OF
peaq

Said on the Unleashing DePIN Podcast

“Owning a token binds people together in a way that owning stock, or donating to a charity does not”

-David Vorick, Founder of SIA, the Decentralized Storage Network & Glow

DePINs Unique Value Props

Solves

The “Cold Start” Problem

Scale

Faster than ever

Deploy

Better infrastructure, faster while dramatically reducing Capex

Democratize

Value created from problems decentralized infra uniquely solves can be accessed by those who don't care about “Web3”

Said another way...

**DePIN powered networks creates competitive
advantages that become benefits to users
who don't care about web3**

Case Studies...



Mobile



silencio





Mobile



amir    @amirhaleem · Feb 18
steady as she goes @helium_mobile 🔥

...

Total Subscriber NFTs Total Helium Mobile Subscriber NFTs

50,000
Total Subscriber NFTs

• @helium-foundation

  Now 

26

52

333

73K

The Helium Mobile Model

1

Sell Hotspots

To deployers who get paid
in the network token for
deploying useful coverage

2

Phone Plans

Offer customers phone
plans as low as \$5 a month
that uses the hotspots
deployed

3

Mapping

Allow those customers to
participate in “Mapping”
and get paid in the network
token

4

Optimize

Create a better network by
incentivizing deployers to
provide coverage in dense
areas with boosted
rewards

A Better Mousetrap

← Post



Breaking911 @Breaking911

...

NATIONWIDE AT&T, VERIZON, T-MOBILE OUTAGE AFFECTING ALL
NATIONAL PHONE CARRIERS — 911 DOWN FOR MANY — BE AWARE

6:20 AM · Feb 22, 2024 · **2.3M** Views

629

3.8K

6.2K

567

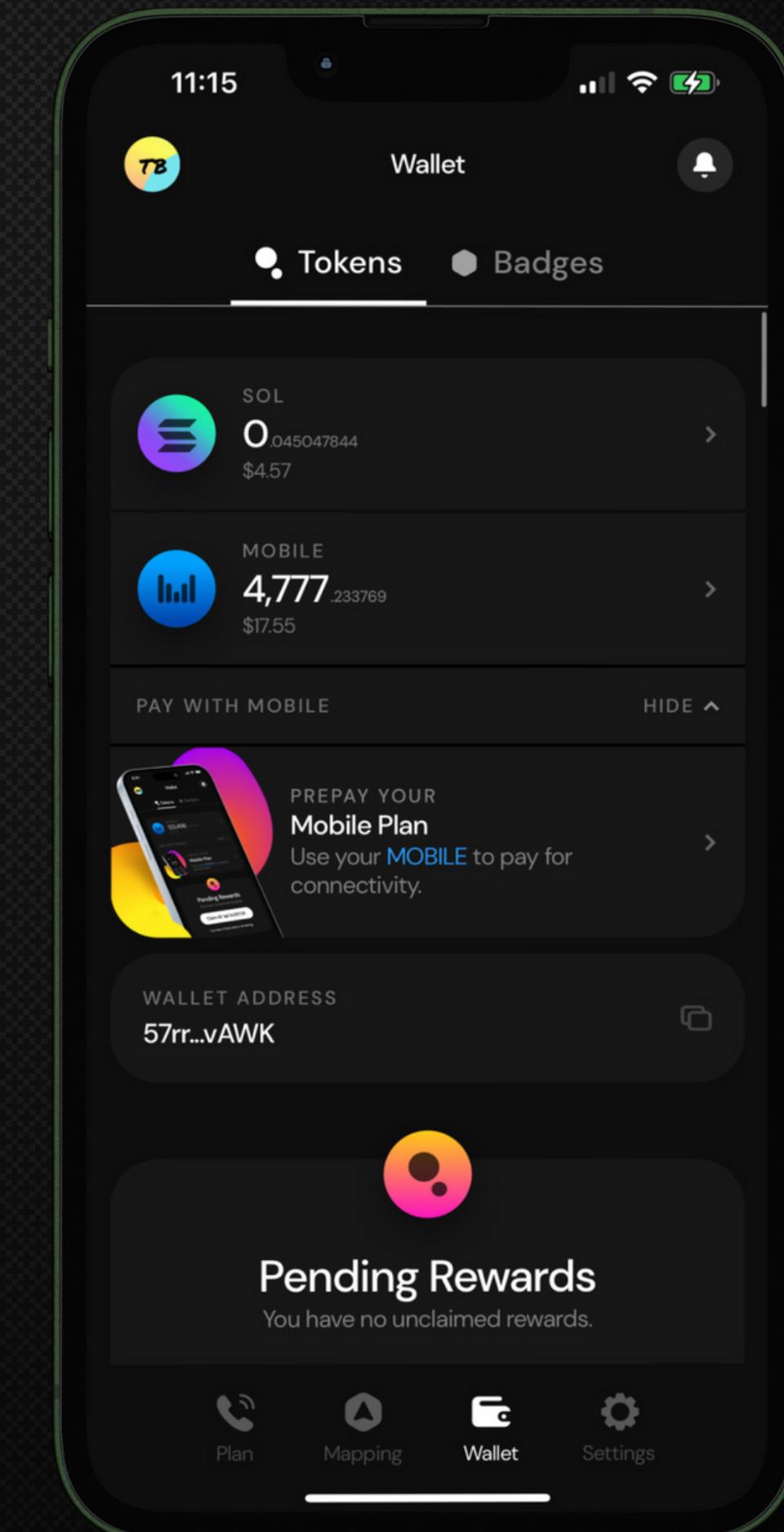


You Never Forget Your First...

**My fiance has never owned crypto, nor
has she cared about it**

**She signed up for Helium Mobile's
service because it was more
competitive than her \$70 T-Mobile bill**

**She now gets crypto every month that
she can use to further offset the cost of
her mobile plan**



Silencio

Noise Pollution Tracking - A \$100 Billion Dollar Problem

1

Download

Users download the Silencio app to leverage the microphone on their smartphone

2

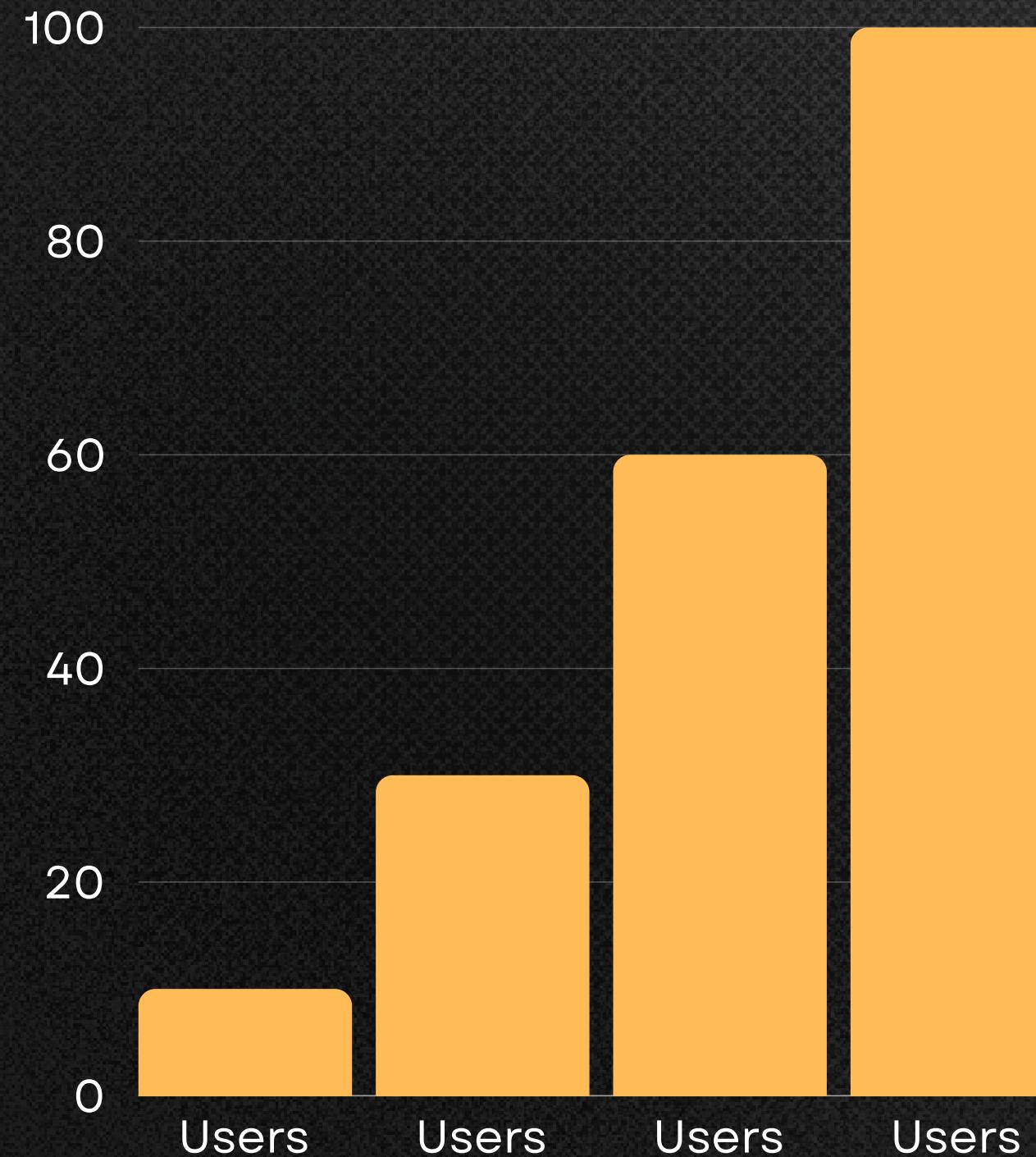
Mapping

Users are compensated with a token to “Map” noise pollution

3

Monetize

Silencio sells that data to companies like hotel booking sites, restaurant reservation apps etc.



Lightening Fast Growth



Scaled to 100k users in just over six months

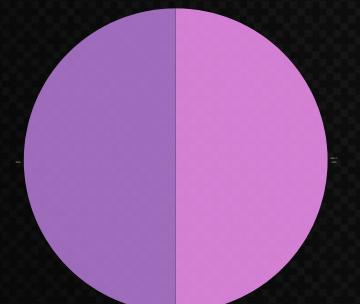


Collected more noise pollution data in 6 months than their Web2 competitor was able to collect in 15 years



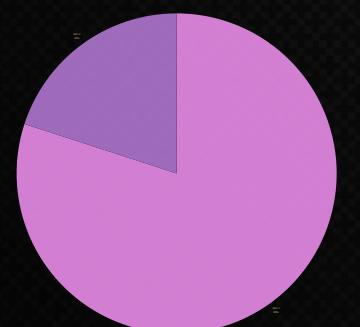
Flight Tracking

is a regulated, but mostly voluntary space



The Process

consists of enthusiasts deploying hardware to contribute to the network, in order to get access to aggregated data



Data Aggregators

then sell that data to companies like Boeing and Delta

Wingbits

Community Powered Flight Tracking Network

A Web2 Rug Pull...

The primary flight radar company was acquired by a PE fund

They made changes that caused many node operators to disconnect from the network

Enter DePIN....



**Wingbits entered the space
with a DePIN Model**



**In 3 months they provided
more coverage than the big
Web2 competitor was able to
do in the first 3 years**

Other podcast guests worth looking into

XNET

#foam

DIMO

Glow

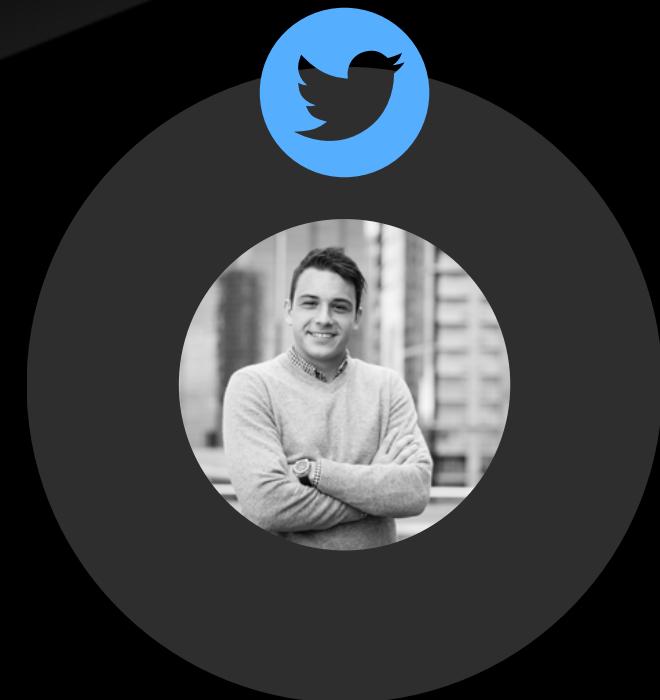
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Stay in touch



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@3numdao