



Turning renewable assets into global micro-shares for bankless CapEx financing.
Revenue based, powered by tokenization.



hipther



DePIN STATE





Agenda

01

penomo Intro

- Team & story
- Why & What
- Our Mission

02

penomo solution

- How it works
- Business model
- Tech stack

03

Example

- Protocol & App
- Capabilities
- Projects onboarding

04

Misc. & roadmap

- News coverage
- Click demo
- Market strategy



Founding team: Deep tech x MachineFi x legal

pioneering cutting edge Machine DeFi and blockchain technology to build people-centric energy networks.



Jasvir Dhillon

Co-founder & CEO



Sascha Kubisch

Co-founder & CTO



**In-house legal
counsel**

DLT legal experts





Advisors & Backers



Till Wendler
CEO, EoT Labs
Strategy & Tech



Leo Dorlöchter
CPO, EoT Labs
Tech



Michael Ganser
Former Cisco (DE) CEO,
VP Europe



Dr. Klaus Schaaf
Former Digitalization
Products/Services, VW



Max Thake
CMO, EoT Labs
Marketing & PR



Formed in 2023. Dutch entity. Berlin based, operating globally.



10yrs+ collective exp. in cutting-edge web3 and power infra.



Rooted in making the green energy switch, a win for **all**

Our Collaborators

powered by
pesq

EoT Labs

MINVIRO

krest

arkreen

Evyon™

Fraunhofer
HHI

& more..

Multi-chain support

Polkadot **ethereum**

polygon **CØSMOS**

SOLANA **BNB**

AVALANCHE **ARBITRUM**

flexible core

8

total Lols signed & PoC in preparation.

SIEMENS **Swobbee**

arkreen **Voltfang**

Evyon™ **GREENESS**

FISCAP **tozero**

Pre product launch

\$0.3m

secured for projects with

Fraunhofer
HHI

TU Clausthal

pesq

INTUITIVE.AI

TESVOLT

CLW GmbH
Clausthaler Laser- und Werkzeugtechnik

10+

endorsements from

zeply



ample



CONNECTED ENERGY

EXIGO
Energy Management



Traditional financing mechanisms **fail to scale** renewable capital.



BANKS



FINANCIERS



LENDERS



KICKSTARTERS



Can cost up to 15%!

high process fees, interest rates and entry barriers



Takes months, years

lengthy process to get capital.



Limited Investment options

illiquid assets, 'bankability' & geographic barriers



50% of renewable projects in developing economies risk shutting down!

Renewables need urgent scaling. Low-cost capital and consumer, private participation is critical!

- IEA, World Bank 2023





penomo

A platform to tokenize renewable assets into micro-shares for direct investments from local energy communities and investors globally.

Project developers & operators tokenize assets to access **up to 50% cheaper, and 12x faster global capital** and unlock new data-based revenues.

Private investors, institutions, as well as energy communities **invest directly** in assets to get **shared revenue and energy access**.



Tokenization of energy Real World Assets (RWA)

The biggest opportunity to redefine capital access for rapid scaling of renewable energy.

- ✓ Makes assets liquid and accessible for fractional ownership.
- ✓ Transactions are onchain, peer-to-peer, removing intermediaries.
- ✓ Tap into new financing horizons with blockchain's transparency.

"The future of energy infrastructure finance is tokenized" - Larry Fink, CEO at BlackRock



Key benefits for developers & operators of renewable assets



Say goodbye to frustrating, costly and lengthy financing

Get growth capital without costly Banks on revenue sharing terms that you set.



Maximized Revenue

Unlock asset liquidity. Turn asset data into revenue streams without revealing sensitive info.



Unlocked community powers

Turn user-community into investors & loyal stakeholders. Position the business as community-inclusive.



**Enable one-click access to renewable energy capital,
and energy utility for everybody.**

All participate, all benefit.



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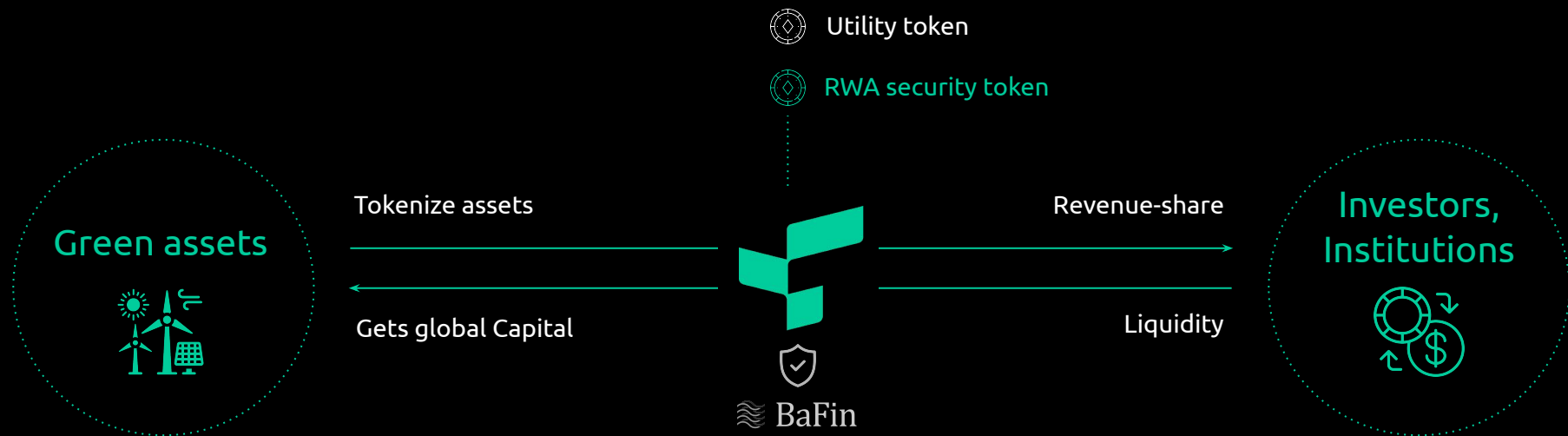
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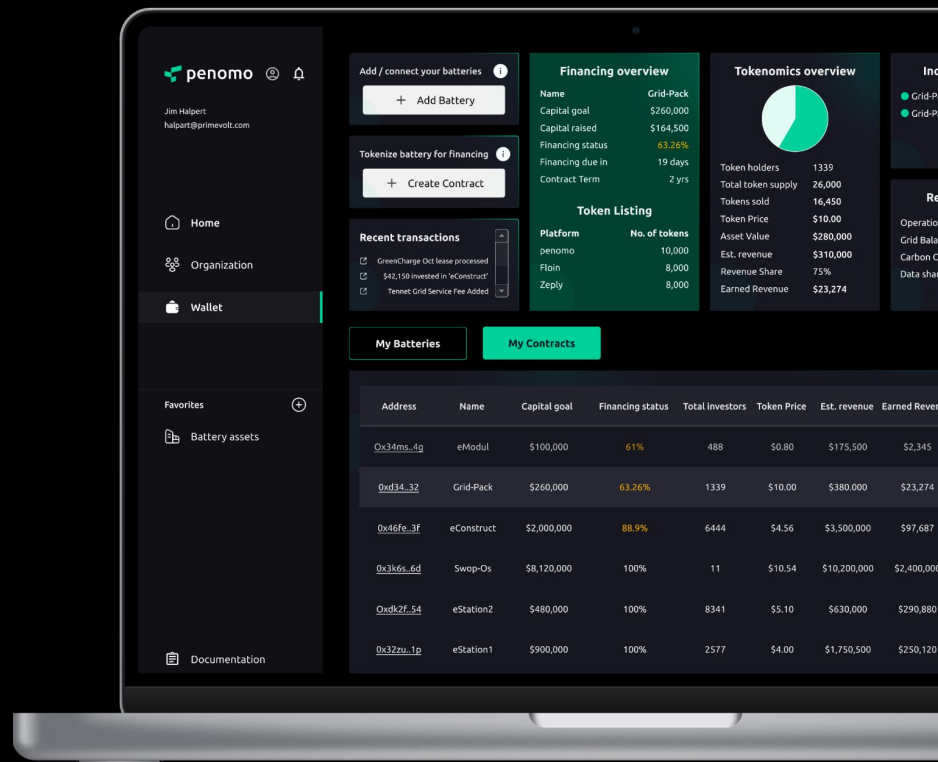




penomo

for project developers & operators

- 1 Sign up with standard KYB procedure and submit project
- 2 Create financing terms and tokenization contracts with ease
- 3 Fly through legally required due diligence with penomo
- 4 List project and get direct investor capital
- 5 Build your credit score and earn penomo token rewards

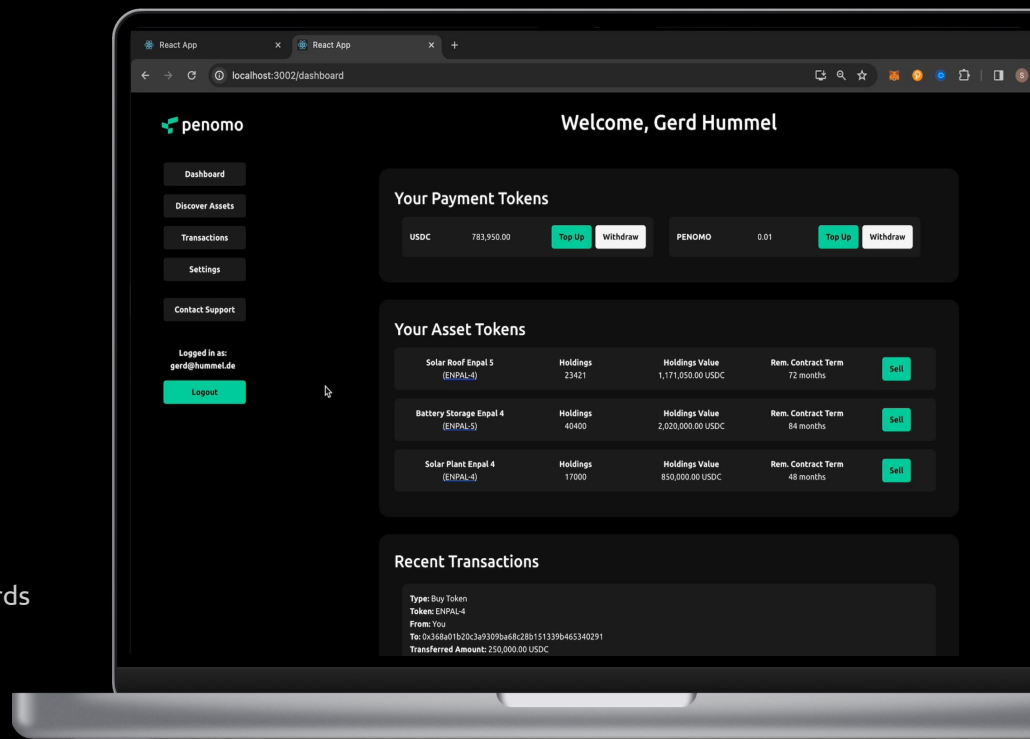




penomo

investors

- 1 Sign up with standard KYC procedure
- 2 Browse through individual projects or green pools
- 3 Invest and enjoy real asset-backed yields!
- 4 Trade your asset tokens
- 5 Build your investor points and earn penomo token rewards

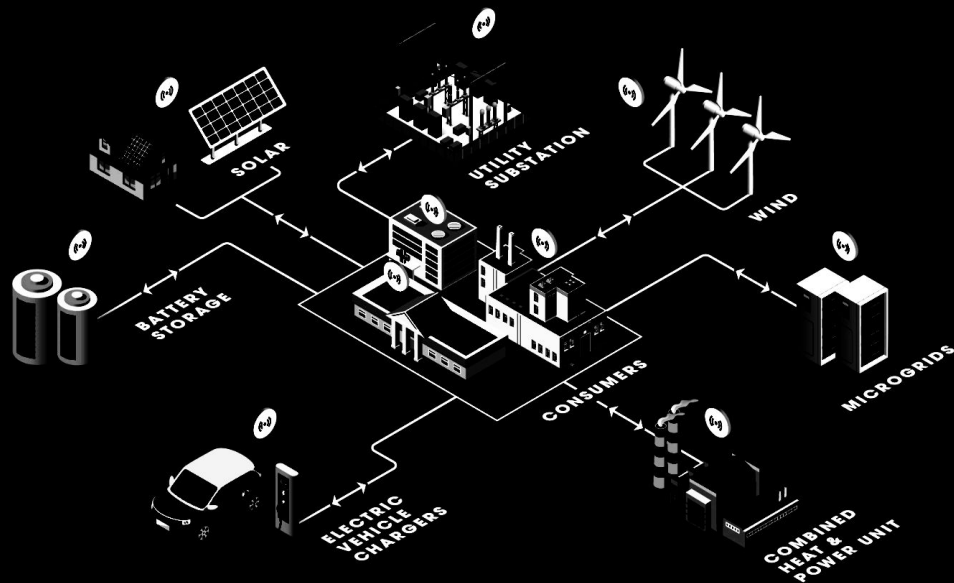




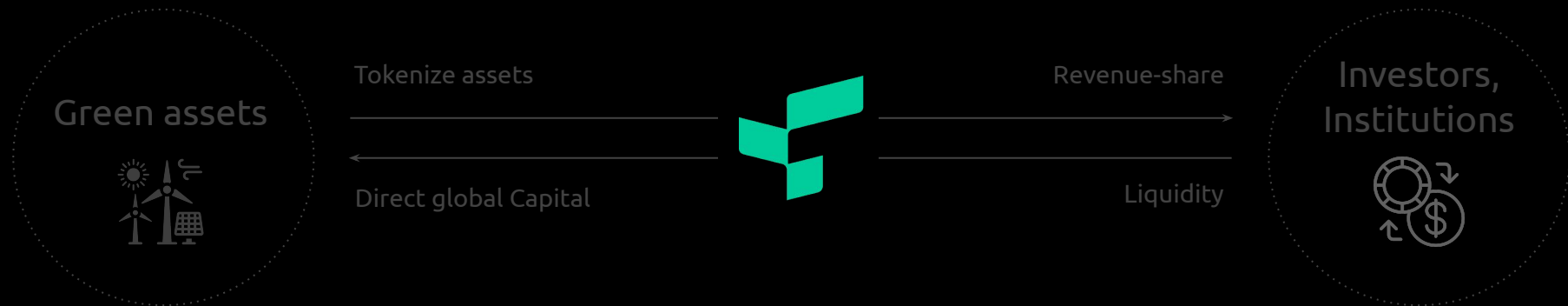
Tokenization alone isn't enough!

Hardware/Sw integrations we do:

- Technical evaluation & support
- REC certifiers
- Asset on-chain digital identities
- On-chain energy metering
- Grid integration
- much more...



penomo aims to maximize the asset's value & revenue capture in decentralized energy markets!



- A** 1-1.5% fee per investor capital tx
- B** 0.2-0.5% fee per revenue share tx
- C** Yearly management fee



We take care of full compliance with the most stringent regulations, for example the German regulatory authority - BaFin.



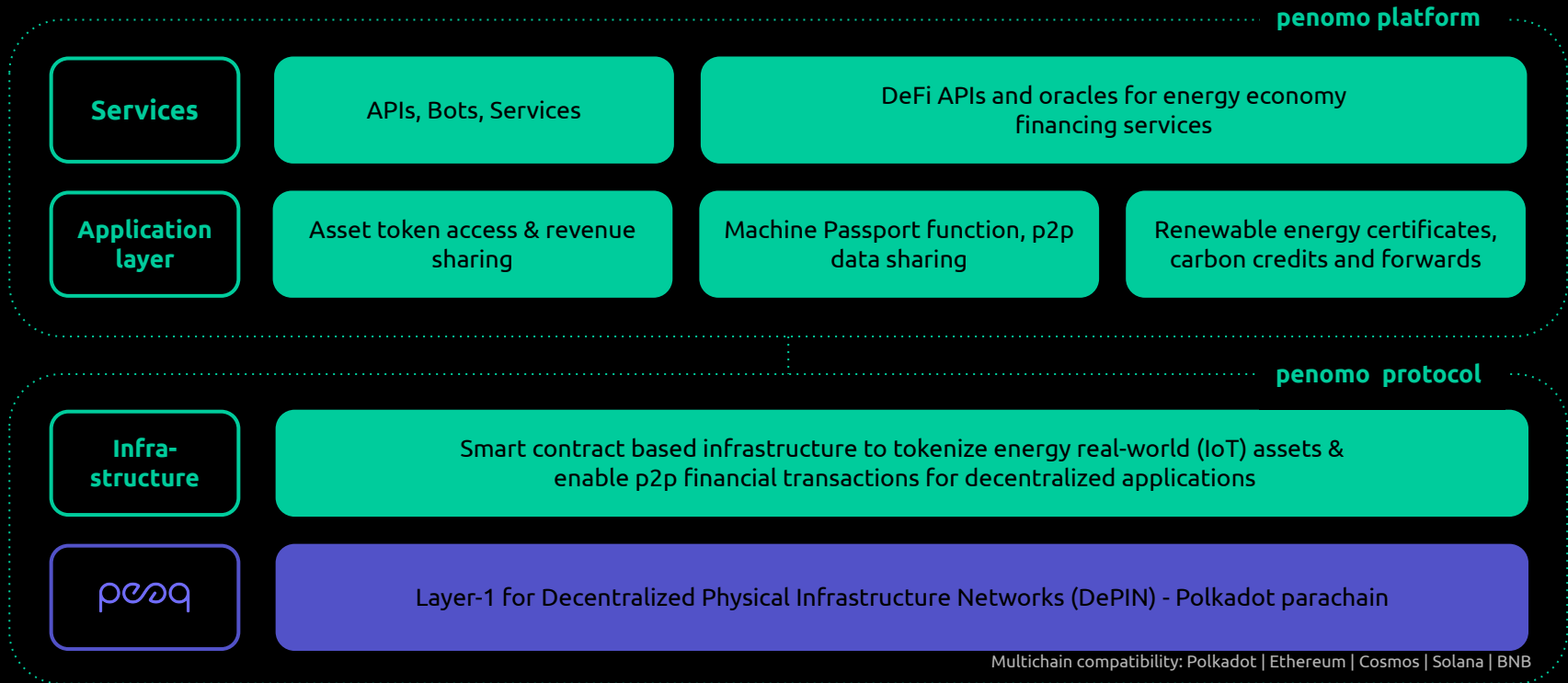
BaFin

Bundesanstalt für
Finanzdienstleistungsaufsicht

Legal framework in place as of Feb 14, 2023
EEA wide and beyond!



Scalable tech stack for all renewable energy assets.





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We are building a tokenization protocol and a user-friendly App

penomo protocol

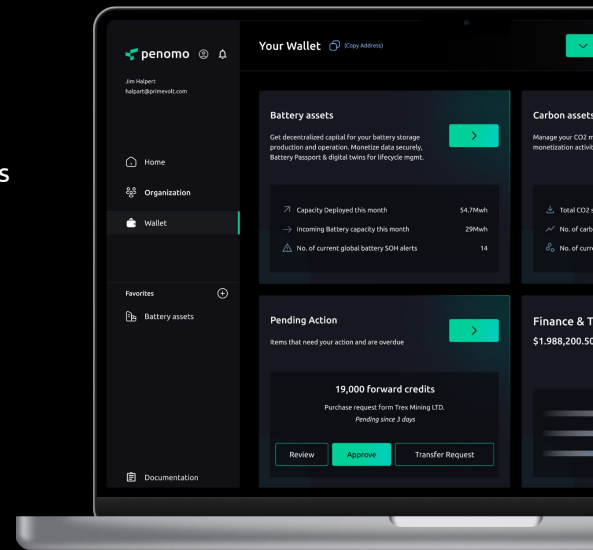
Blockchain based engine to tokenize energy assets & enable trustless, transparent economic transactions.

- Turn existing & upcoming assets into digital tokens
- Create IoT bridge between RWA and digital twins
- Carry out data and financial transactions securely with automated smart contracts and accurate access control

penomo App

The user-friendly interface for businesses to tokenize assets, access financing and new revenue streams.

- List assets, get capital
- Mine data-based revenues
- Manage assets & access DER integrations





Turn infrastructure into liquid assets & maximize revenue with our tech suite.

Wallet



Secure digital wallet to manage and finance your assets, capital and revenue.

Asset Twin



Unique Machine NFT representing ownership and history for correct end of life price exit.

Asset IoT Bridge



Integrate real-time asset data with the blockchain for smart asset management.

Data pipeline SaaS



Verified data -as-a-service tool for 3rd party monetization and insurance companies.

Legals SaaS



Energy tokenization specific LLM-powered Compliance Docs -as-a-service. Up to 80% cost advantage.

penomo platform



Web App for easy financing. List & manage assets. Get low cost capital and new revenue streams, hassle-free.

penomo API



Integrate all of penomo services with your existing systems seamlessly.

RBAC



Role Based Access Control module to give you full control on who has access to your data.

Data Marketplace



Secure web portal to monetize your asset's operational data to research institutions and market analysts.

Utility tokens



Tradable tokens that represent utility, e.g. to access asset data, services, CO2 offsets and more..



Current projects onboarding

SIEMENS

 **Swobbee**


MARCLEY

FISCAP

and 7 more...



Investor distribution partners



 **plume**

zeply

 **Neutral**

 **NYALA**

€20m+ liquidity access



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They talk about us - [click to read](#) 




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EV_o

pesq

 InvestingCube

 TheBlockchain
Examiner.com

 AlexaBlockchain

Podcasts

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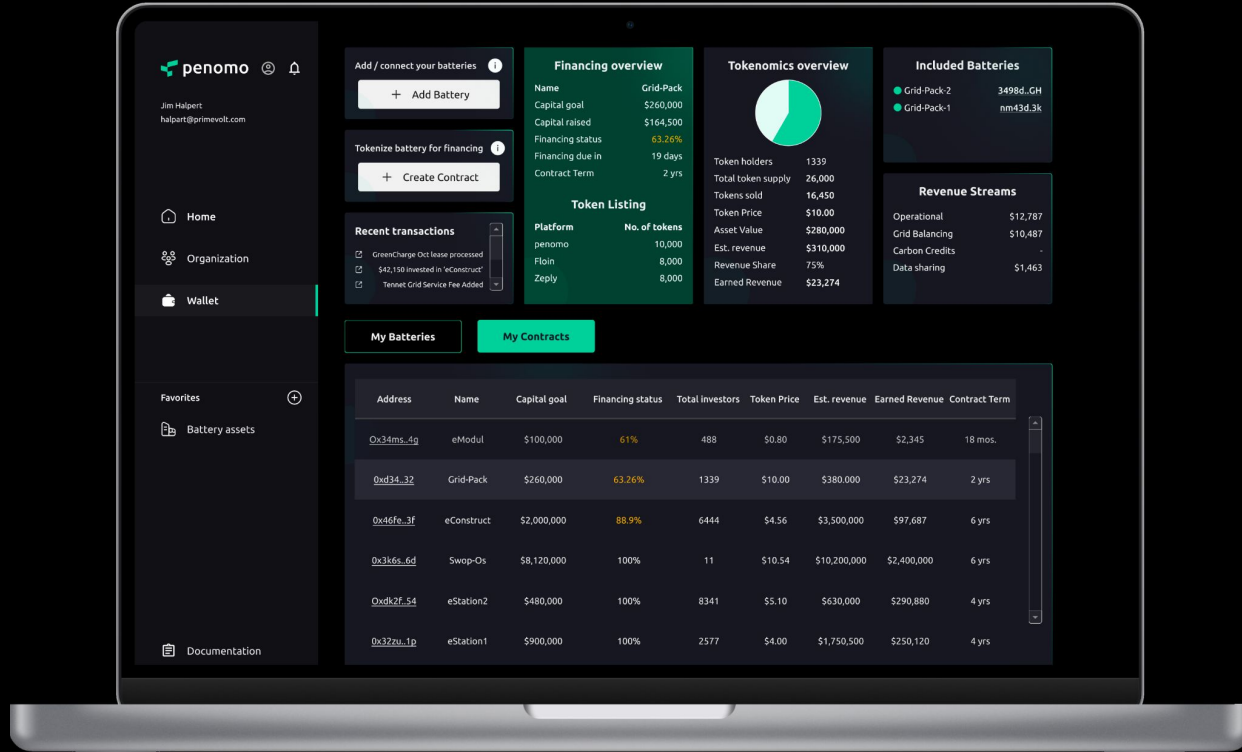


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Get Capital!





Let's connect.



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<https://t.me/jvddhillon>



<https://penomo.io/>



Schedule a call: [Calendly](#)



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