POWERCHAIN

Redesign the Grid

Decentralized blockchain ecosystem for energy storage and utilization. Makes power purchasing simpler, stabilizes the Grid. Now anyone can trade the electricity through the blockchain, being a virtual power plant.

01 Buffering

Powerchain stimulates energy storage installation for using it to stabilize the power system. The energy storage used as electricity buffers shaves peaks and power grid fluctuations, and stabilize the frequency. Capacities of energy storage node are rented by project participants within created ecosystem.
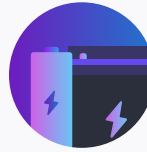
02 Utilization

Powerchain helps backup generators earn additional income sailing electricity to other ecosystem participants and using the opportunities for mining cryptocurrency. Reserve power plants will receive additional opportunities to sell electricity.
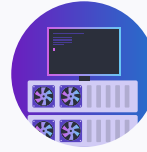
03 Clearing

Powerchain creates transparent and legitimate mechanisms of converting received reward from other ecosystem participants into fiat money. It creates the opportunity to conduct cross-border operations and eliminate geographical barriers for participants.

Ecosystem participants

Energy Storage

Provides a rental capacity for the electricity accumulation and storage. Provides buffering, storage and supply of electricity.
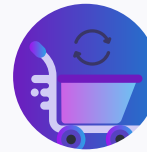
Miner

Electricity consumers that buy electricity from other nodes for the cryptocurrency production. Utilize excess electricity to the network.
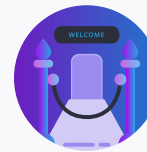
Generator

Electricity manufacturers of any capacity, from small solar power plants on the private house roofs, to large-scale generators.

Broker

Buys and sells electricity on the ecosystem, helps passive nodes interact with each other. Supplements the ecosystem functions and conducts cross-border transactions.

Attractor

Attracts new participants, helping them to connect equipment and activate nodes on the ecosystem. Represents the user's interests.

Dream Team

Alexey Zotov • Vladimir Bobrov • Kirill Mogilevsky • Nurbey Gulia • Alexander Lavrentiev • Mikhail Kupriyanov • Filatov Igor • Kasimov Denis • Khayretdinov Rustem

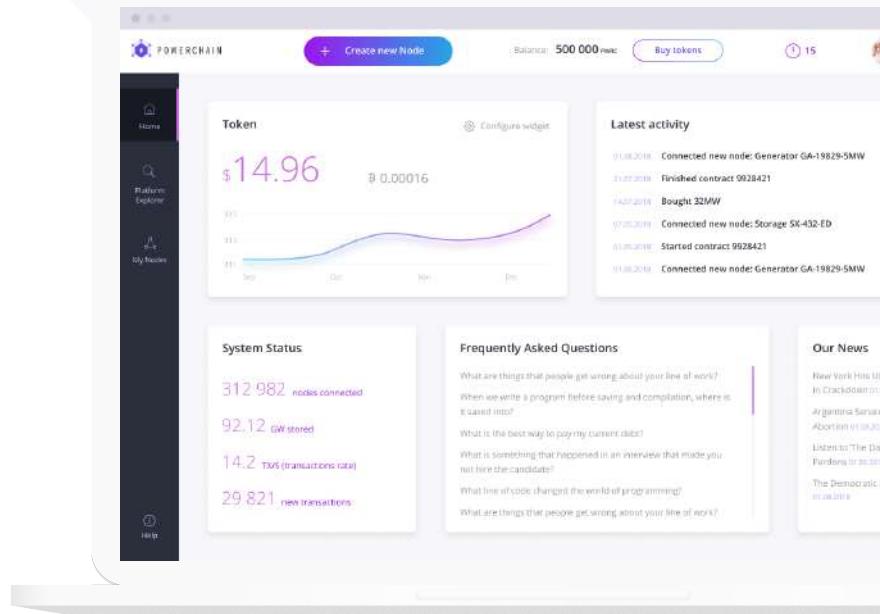Dmitry Manannikov • Dmitriy Solodukha • Boris Romanov • Prof. Klaus Thiessen • Matthias Seidel • Melvin Naidu • James Korth • Richard Nacht
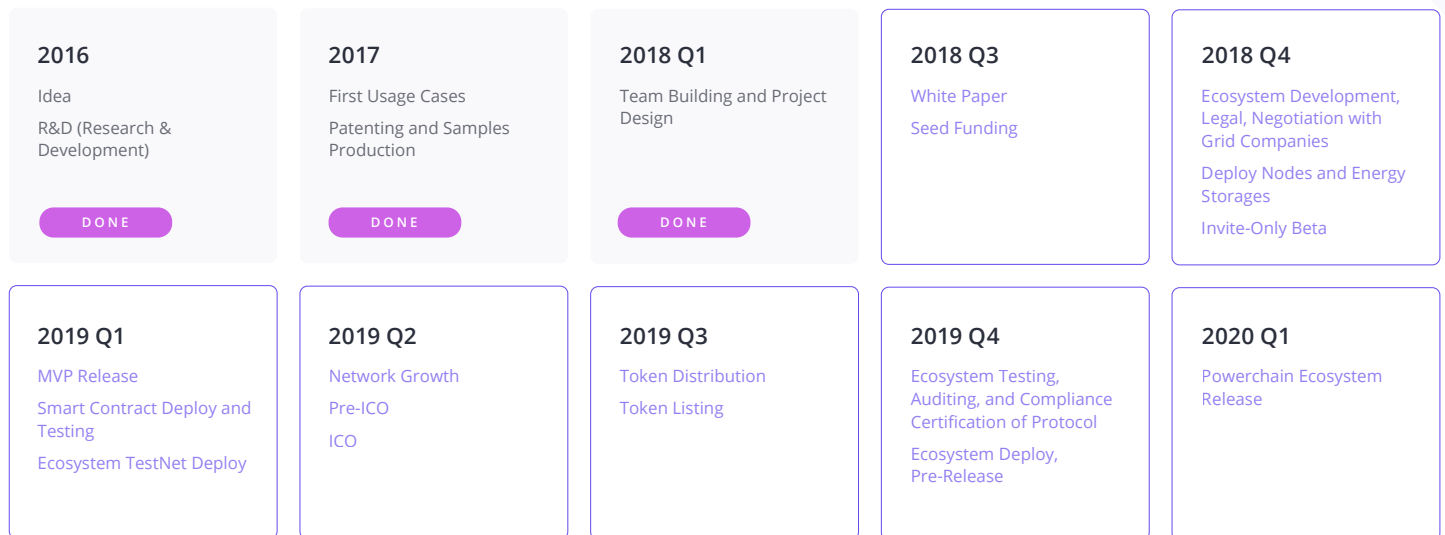
Dashboard

Powerchain creates a platform for connecting different network participants: energy storage, consumers, miners, brokers, etc. We create a single interface for the rapid creation and convenient management of various types of nodes, as well as for monitoring their work.

Roadmap

2016	2017	2018 Q1
Idea	First Usage Cases	Team Building and Project Design
R&D (Research & Development)	Patenting and Samples Production	
DONE	**DONE**	**DONE**

2018 Q3
White Paper
Seed Funding

2018 Q4
Ecosystem Development, Legal, Negotiation with Grid Companies
Deploy Nodes and Energy Storages
Invite-Only Beta

2019 Q1
MVP Release
Smart Contract Deploy and Testing
Ecosystem TestNet Deploy

2019 Q2
Network Growth
Pre-ICO
ICO

2019 Q3
Token Distribution
Token Listing

2019 Q4
Ecosystem Testing, Auditing, and Compliance Certification of Protocol
Ecosystem Deploy, Pre-Release

2020 Q1
Powerchain Ecosystem Release

POWEC Tocken

Max supply: **100 000 000 000 (mintable)**

Name: **POWEC**

Type: **ERC20 (Ethereum)**

Tokensale Rounds

Seed-funding NOW

Supply: 30 000 000 000

Token price: €0,0025

Goal: €20'000'000

Contact
to contribute

White List Q2'2019

Supply: 6 000 000 000 POWEC

Token price: €0,005

Goal: €30'000'000

ICO Q2'2019

Supply: 15 000 000 000 POWEC

Token price: €0,025

Softcap: €50'000'000

Hardcap: €150'000'000

Token Distribution

60%	10%	20%	5%	5%

- **60%** ICO;
- **10%** Reserve fund (payments to the first miners);
- **20%** The team (3 years vesting);
- **5%** Advisers (1 year vesting);
- **5%** Development and marketing, including airdrops and bounty campaigns.

Funds Distribution

20%	10%	10%	20%	30%	10%

- **20%** Marketing and partnerships;
- **10%** Legal expenses;
- **10%** Administrative expenses;
- **20%** Business development;
- **30%** Product development;
- **10%** Operating activities.