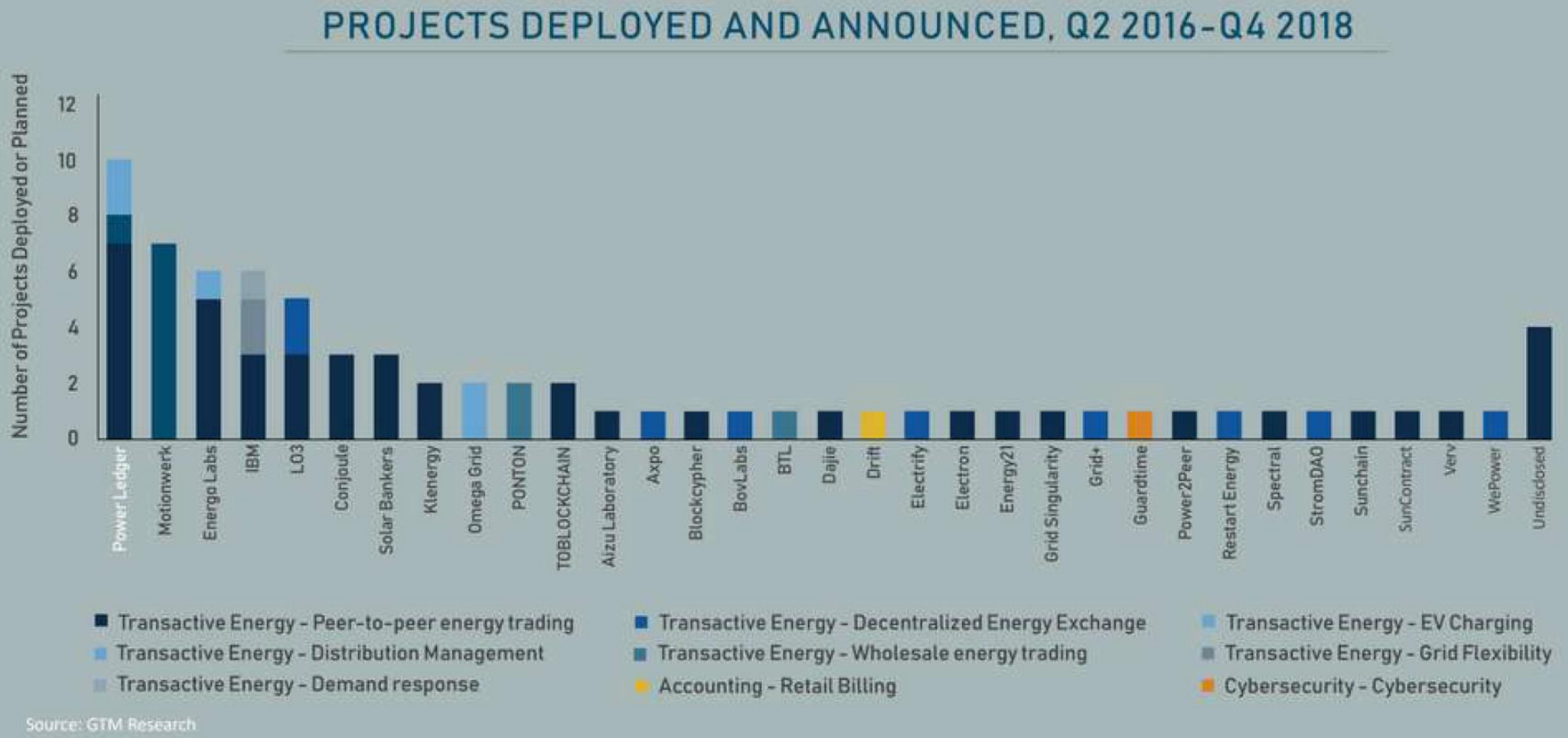

Power Ledger

Largest Number Deployed Projects



Source: GTM Research

WORLD ENERGY COUNCIL

IS BLOCKCHAIN IN ENERGY DRIVING AN EVOLUTION OR A REVOLUTION?

What are the applications of blockchain in the energy sector?

What are the associated impacts of different energy blockchains and do different applications enable evolution and/or disruption of the existing market?

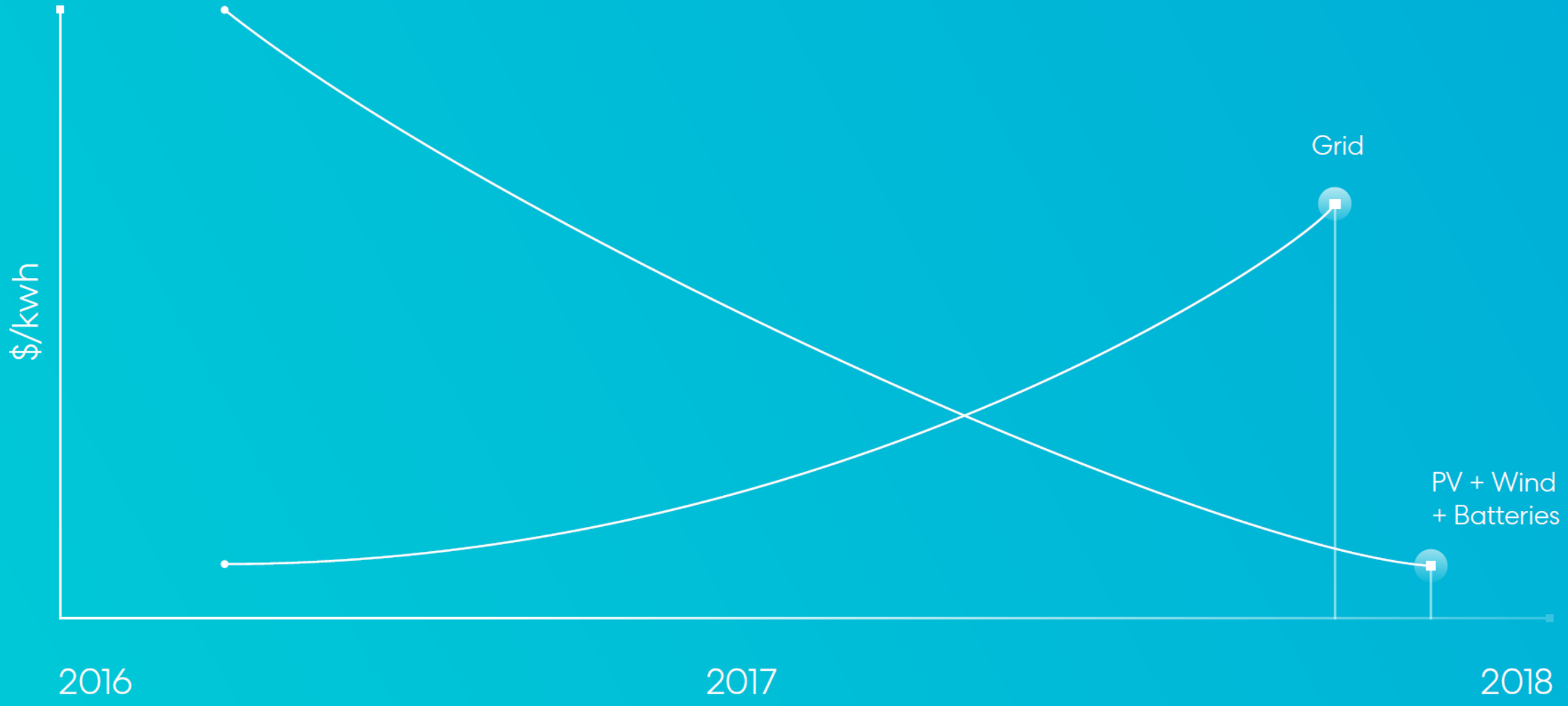
What is the outlook for energy blockchain in enabling a successful energy transition?

Power Ledger has reached full commercial implementation in Australia with their P2P blockchain trading platform application, but they also have other pilot projects in South-East Asia and North America.

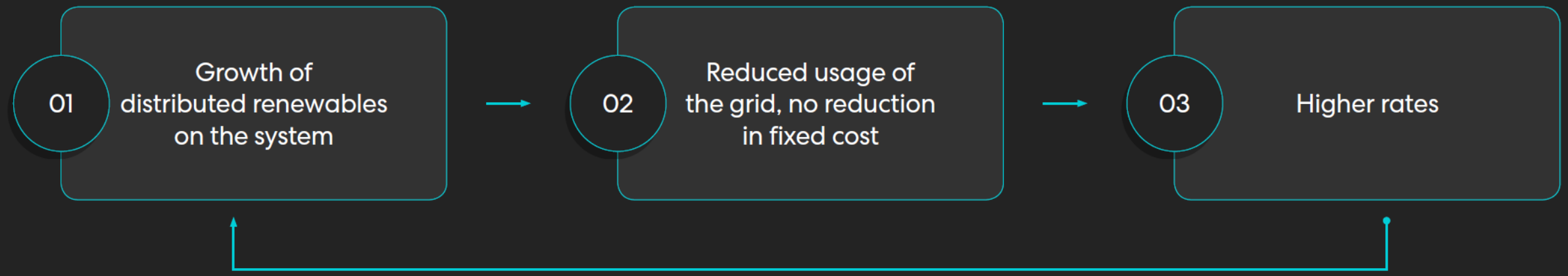
> We wanted to create a trading platform to allow consumers to realize the value of their investment in DERs by allowing them to monetize their excess energy in much the same way as Uber and Air B&B allow people to monetize their cars and spare rooms. Blockchain technology allows for real-time payments, in a secured and transparent manner and it provides a decentralized market mechanism to aggregate individual users under a Virtual Power Plant model to participate into the wholesale market.
>
> James Eggleston, CEO of Power Ledger

The direct involvement of retailers is a requisite for the Power Ledger P2P business model to be implemented in regulated energy markets; alternatively, embedded networks and microgrids can use the blockchain technology if they are sub-metered behind the regulated master meter.

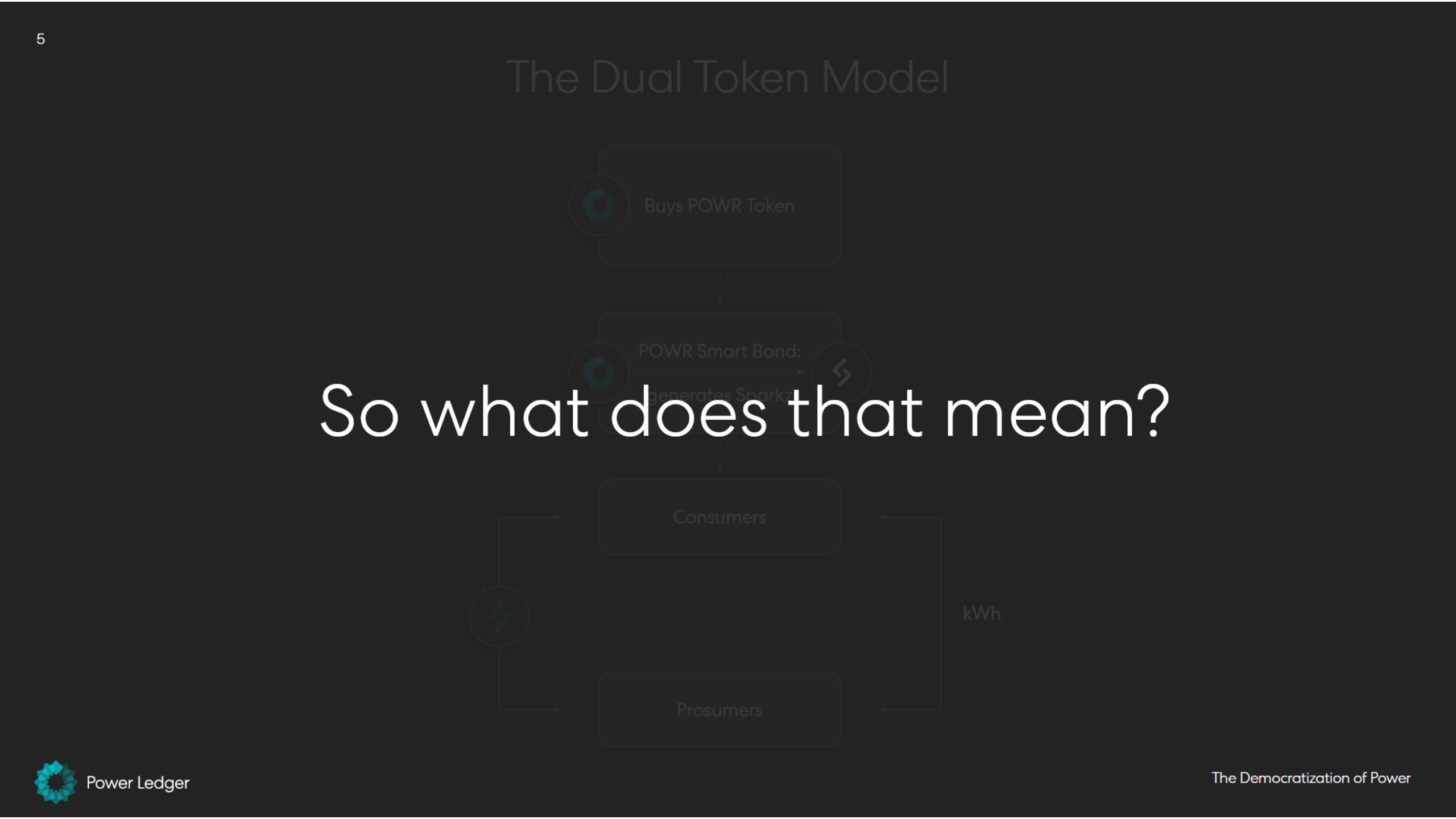
Falling price of solar, wind and battery power.
In the autumn of 2017 an interesting moment occurred.
The price of solar, wind and battery power dropped below 20 cents per kwh.



The Utility Death Spiral

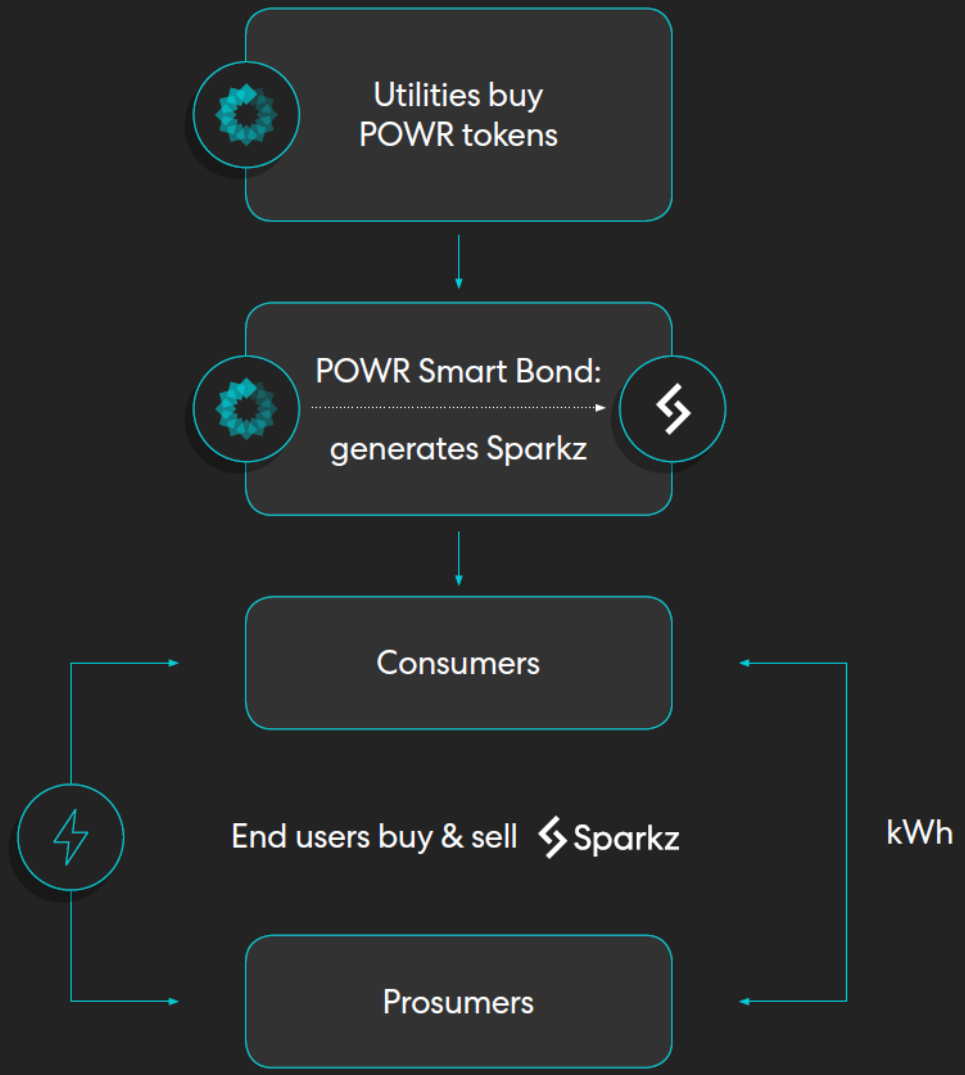


We put our heads together and decided to develop a market-making technology that would help bridge the gaps in the system.

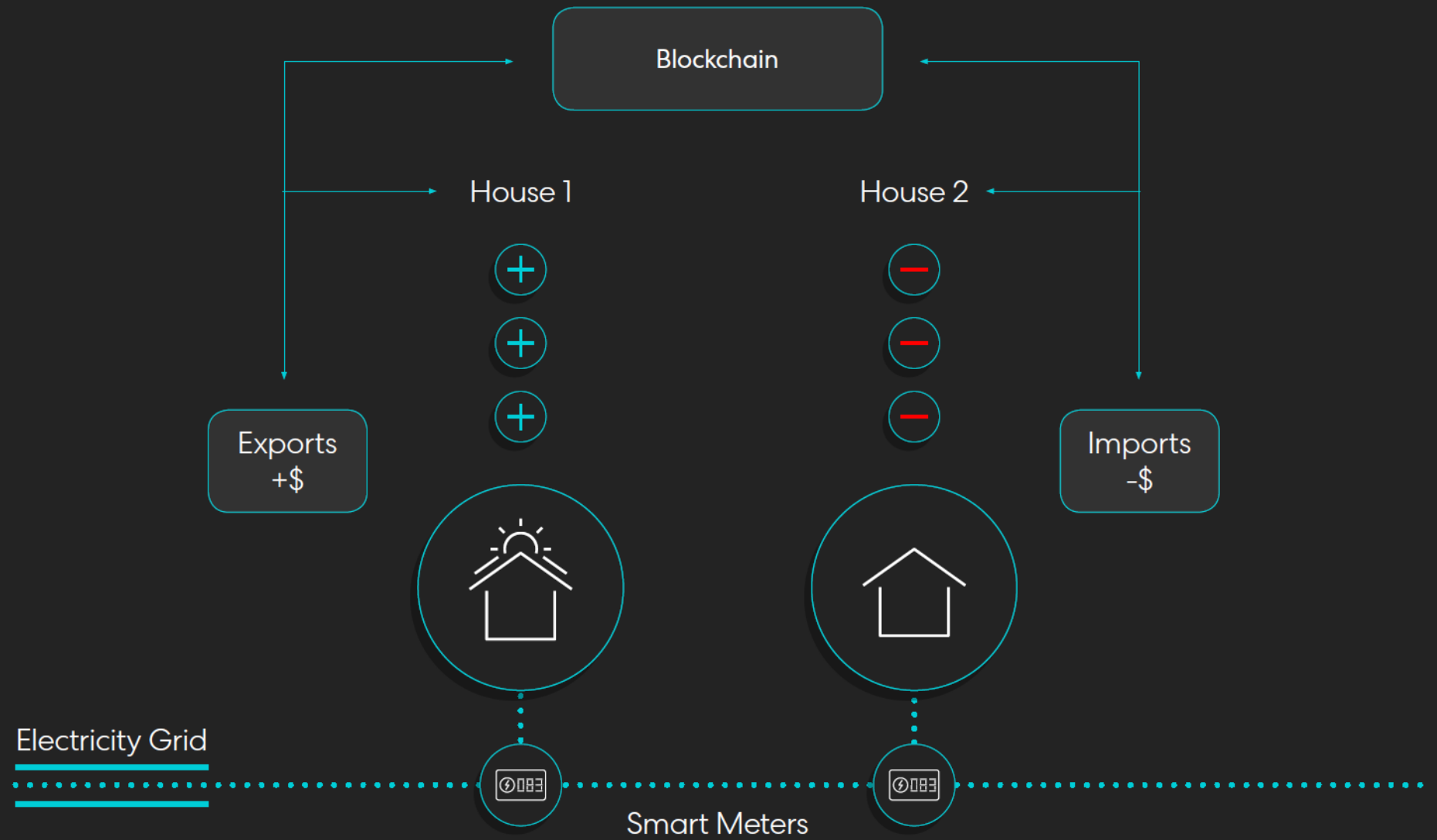


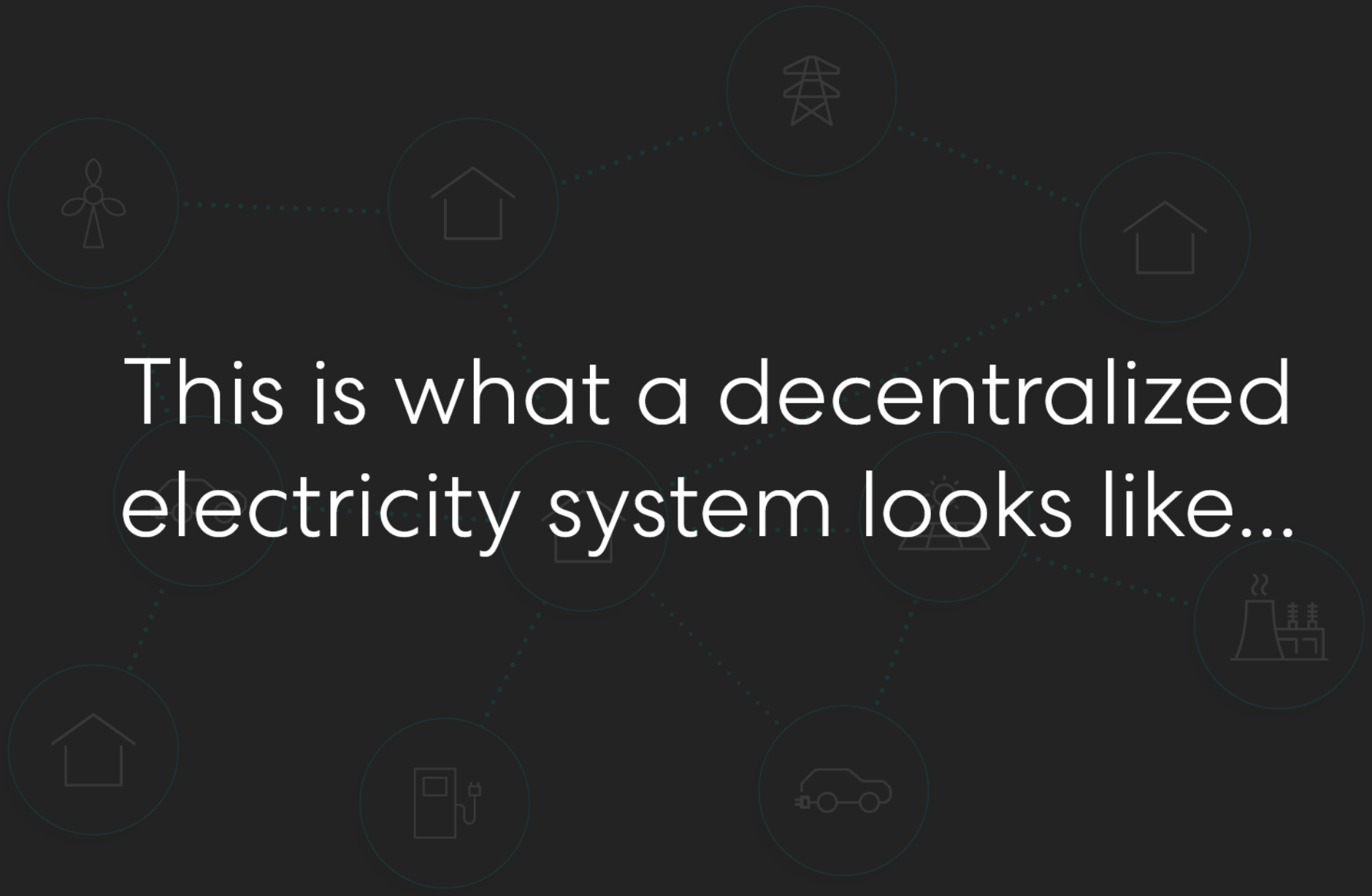
So what does that mean?

The Dual Token Model



The Blockchain

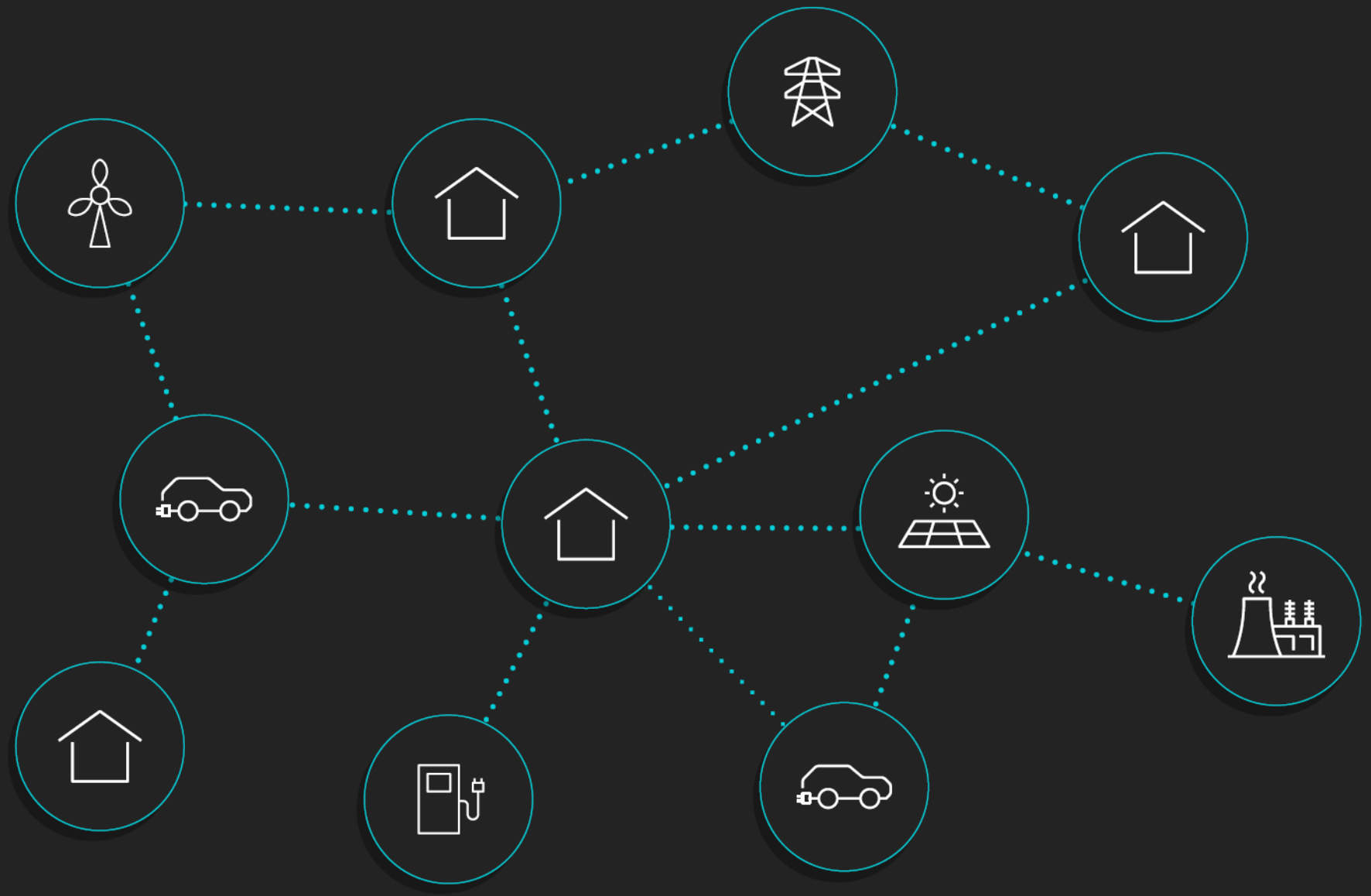




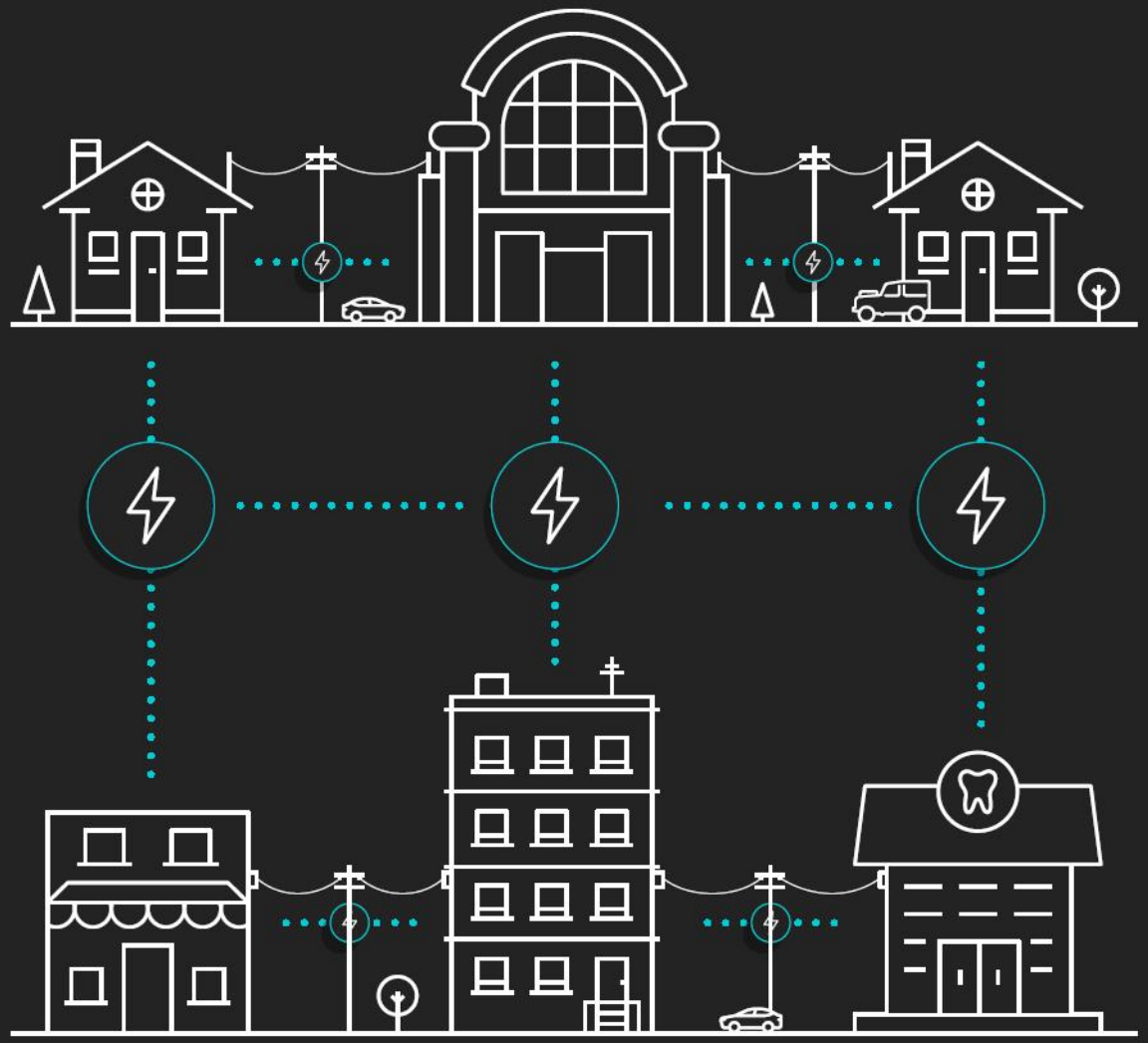
This is what a decentralized electricity system looks like...

This is what a decentralized electricity system looks like...

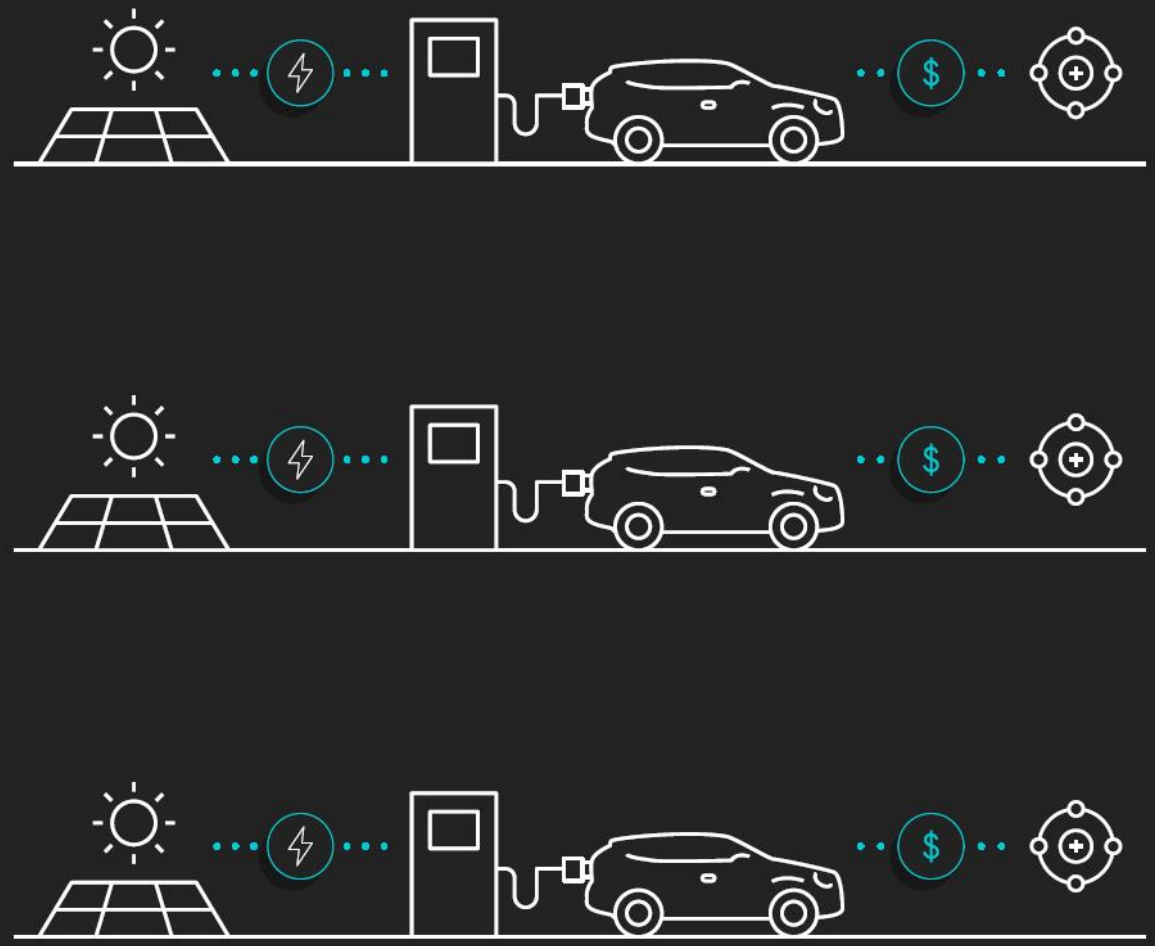
- Consumers empowered
- Clean
- Resilient
- Affordable
- Value creation for all players



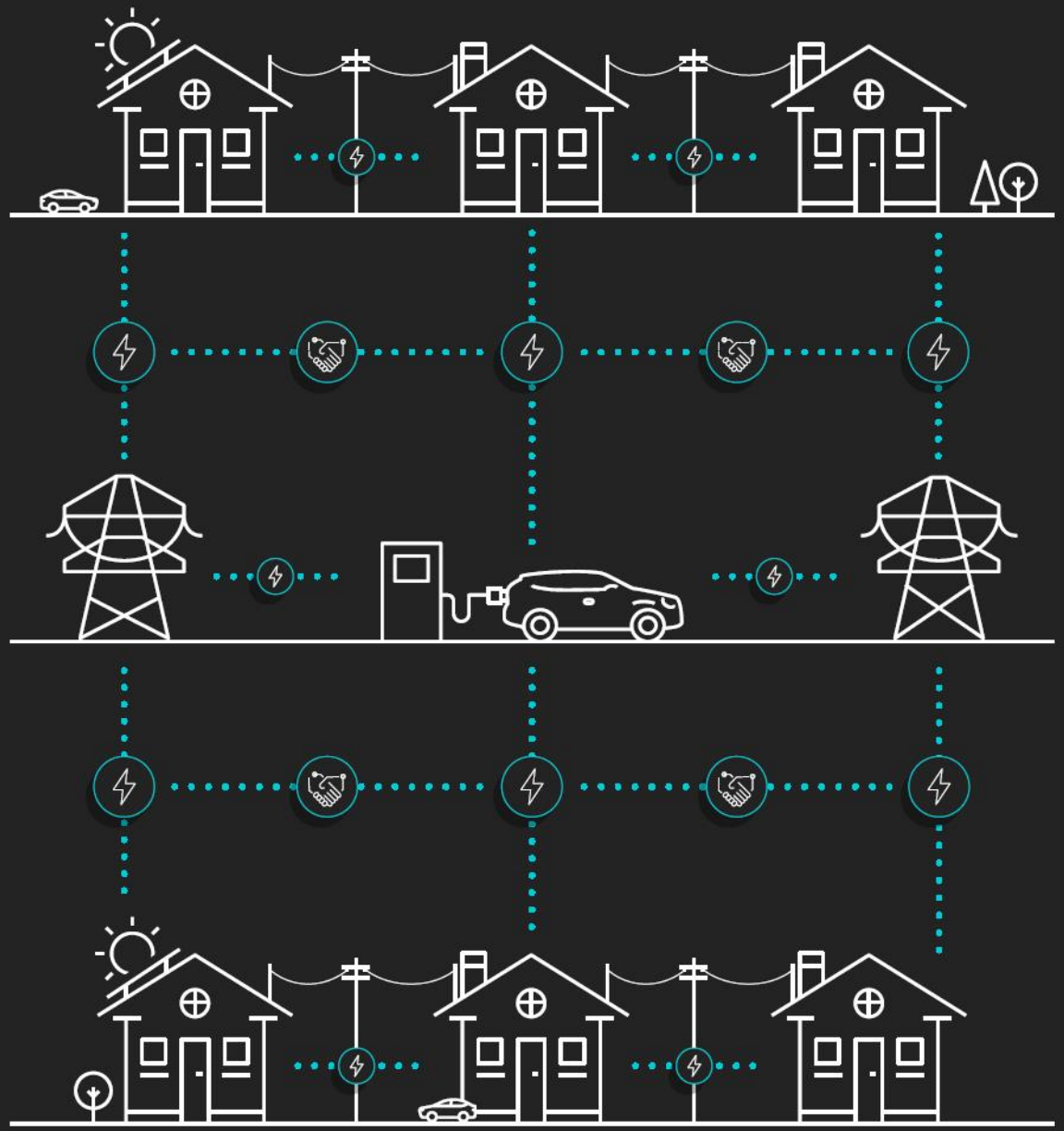
BCPG Thailand



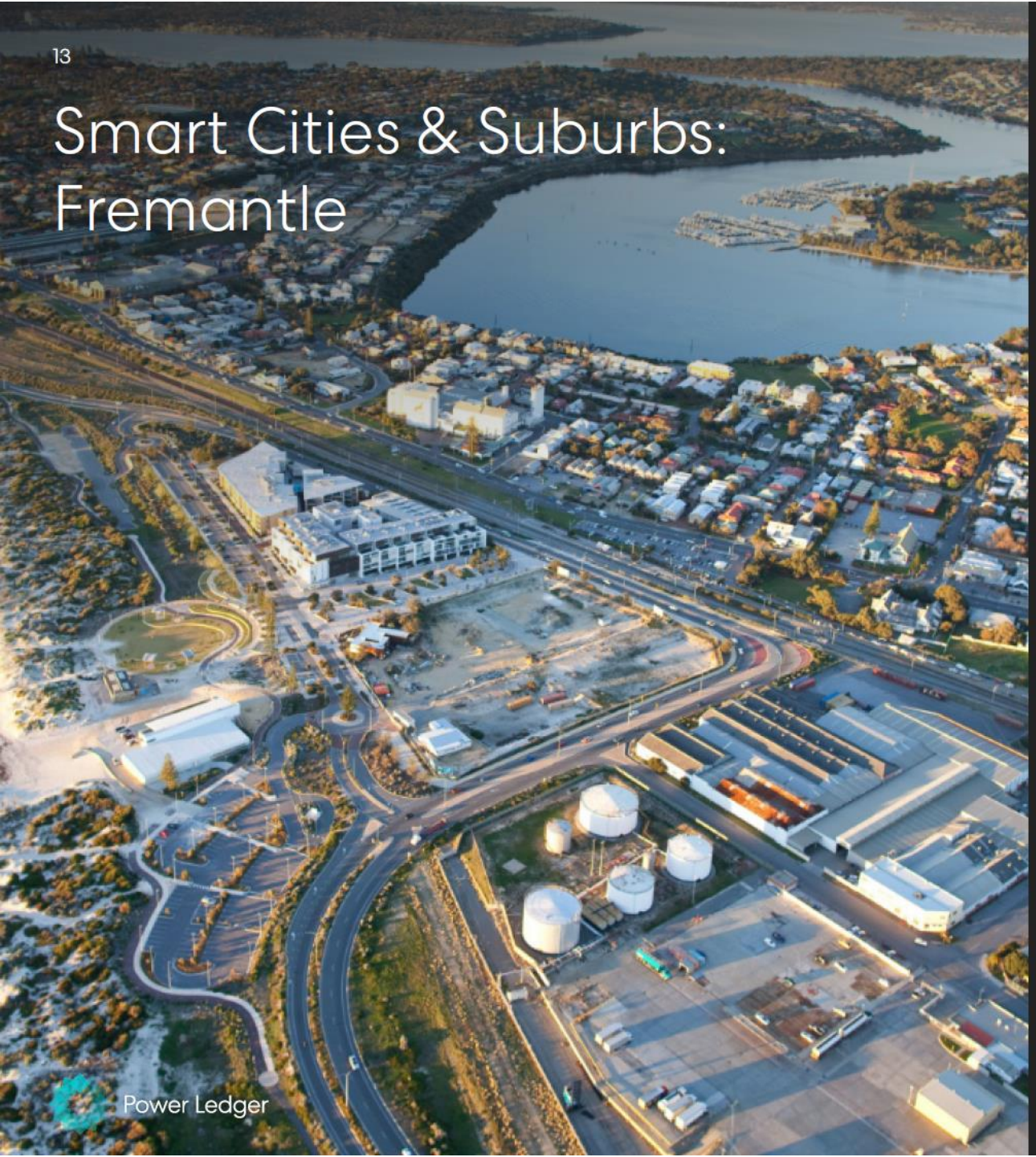
Silicon Valley Power

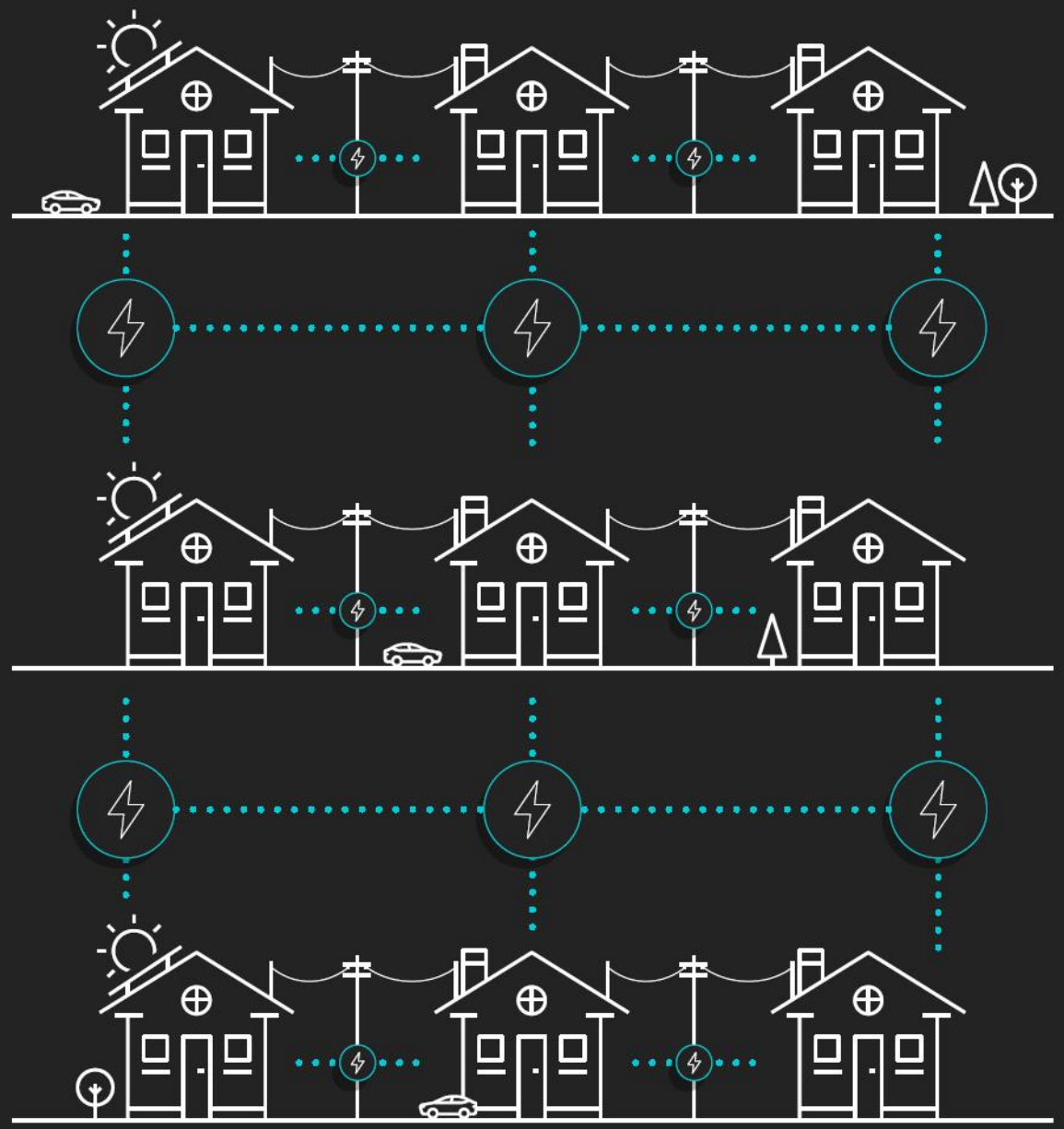


KEPCO Japan



Smart Cities & Suburbs: Fremantle



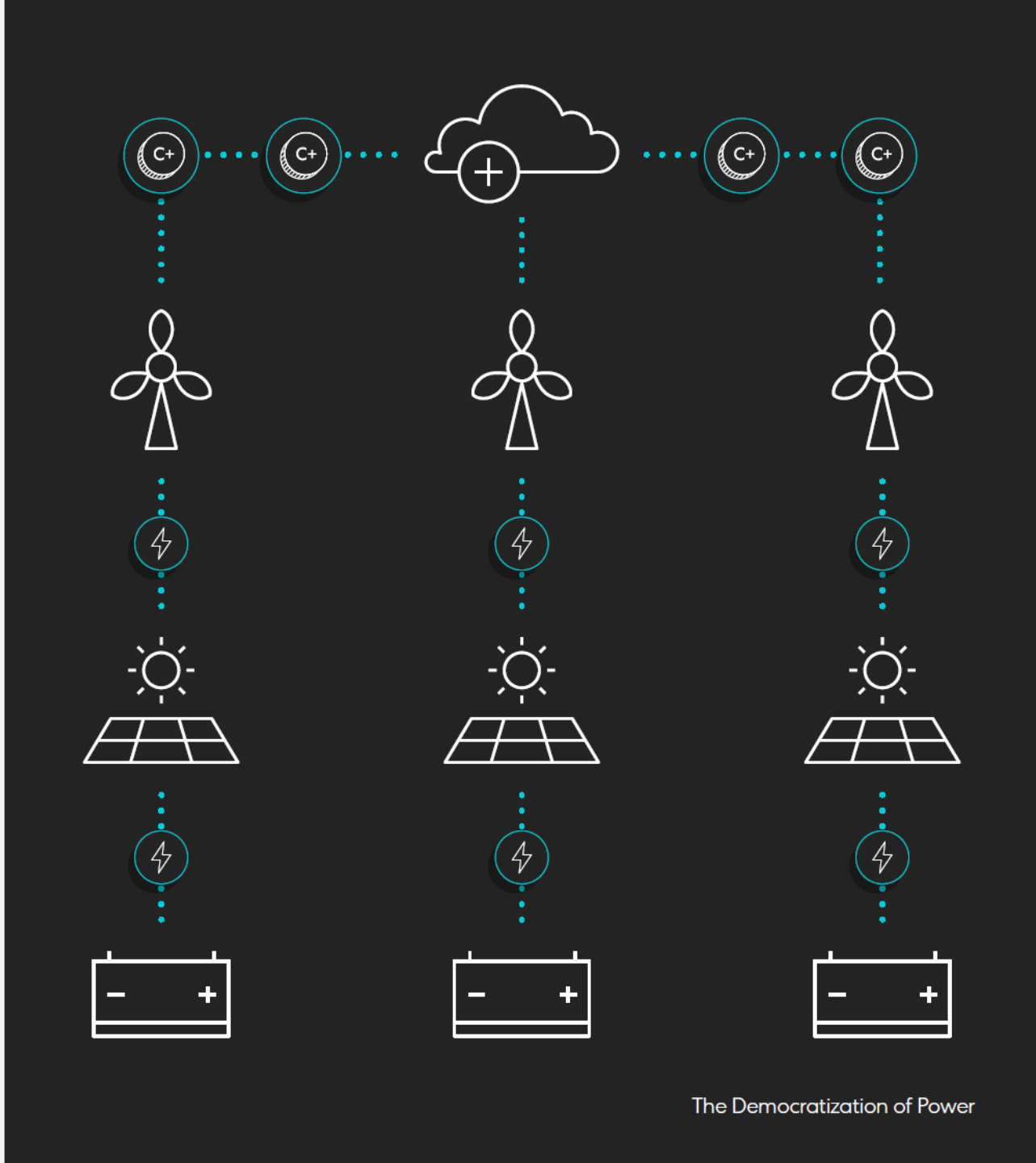


"Renewables need to be scaled up six times faster for the world to meet the Paris Agreement goals."*

*According to the International Renewable Energy Agency (IRENA).

Asset Germination

- New sources of capital
- Available to everyday people
- No minimum spend
- Fractionalized on the blockchain



The Democratization of Power

Power Ledger