



Enabling clean and affordable energy for all

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# EFFICIENTLY DISINTERMEDIATING THE ENERGY MARKET

Our mission is to save on the time, process and cost of the energy supply chain to accelerate the net-zero vision of our corporate clients. We use proven intelligent peer-to-peer exchange systems for the direct energy exchange between renewable generators and corporate consumers.

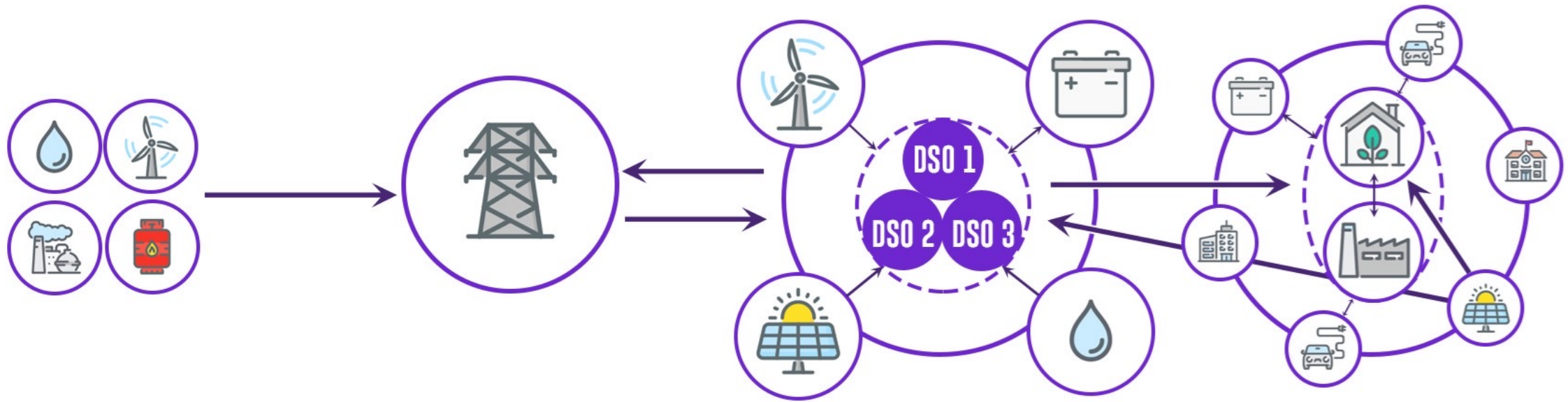
Our systems provide the proven savings of min. 25% for corporate consumers, and proven higher margins of min. 25% for renewable energy generators.



[www.urbanchain.co.uk](http://www.urbanchain.co.uk)

SEARCH

# OUR SYSTEM IN 5-10 YEARS



POWER GENERATION



TRANSMISSION



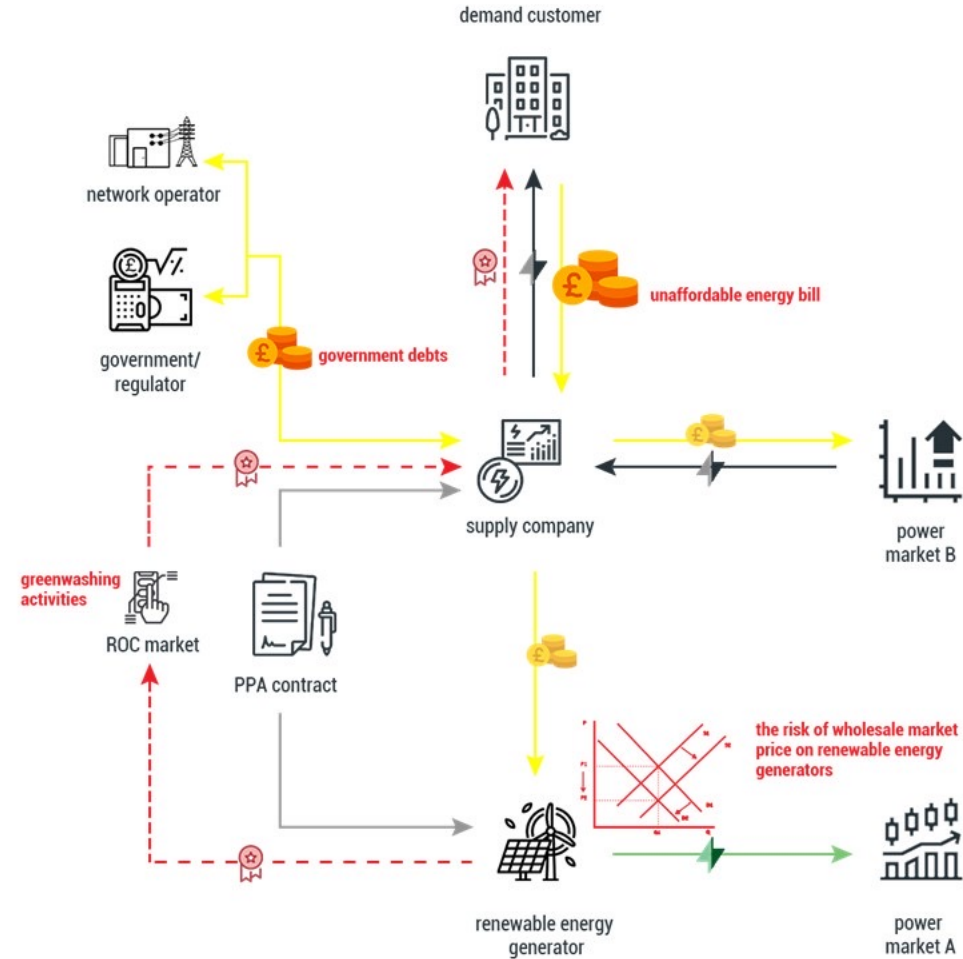
DISTRIBUTION



PROSUMERS

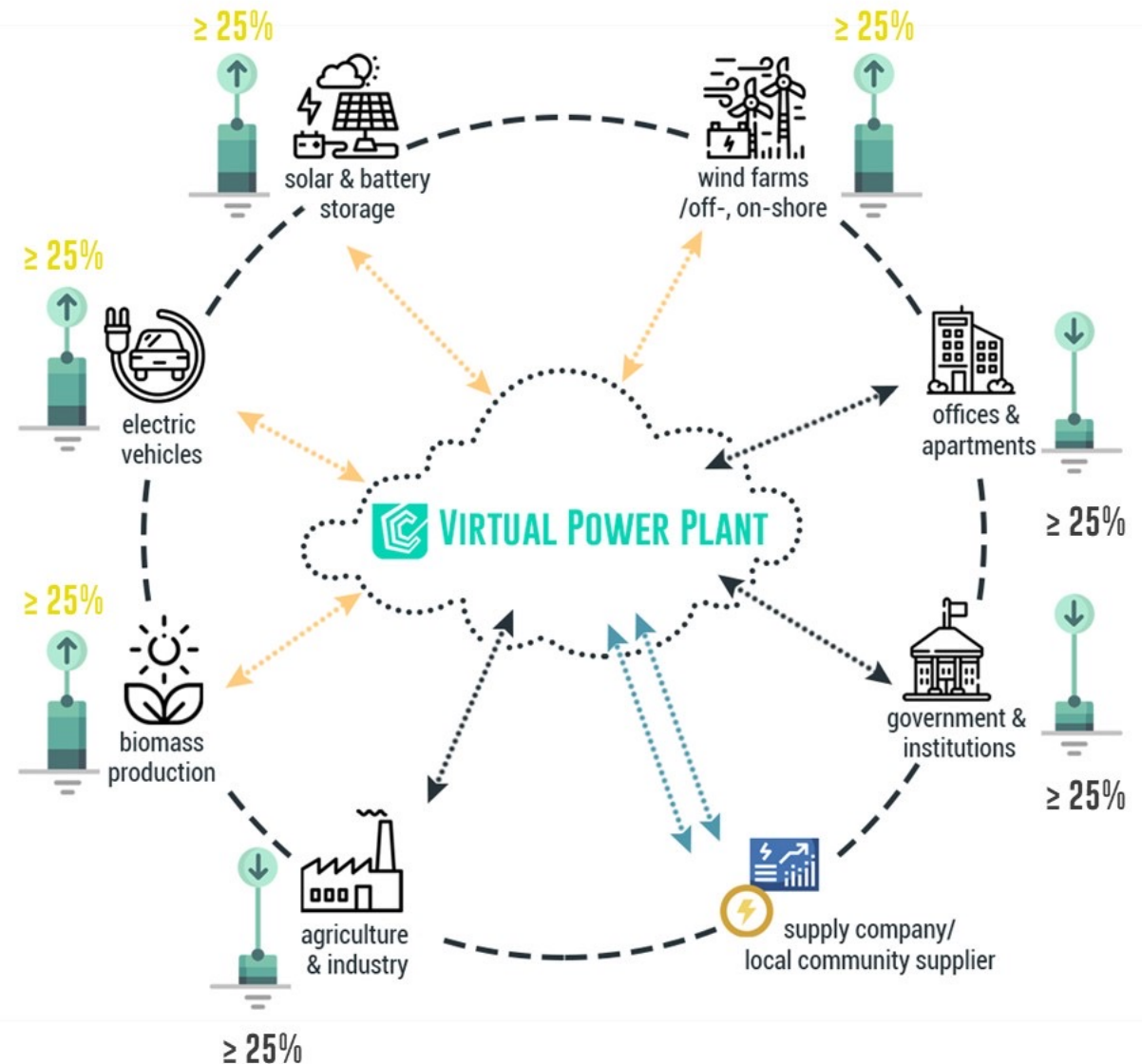
# RENEWABLE AS PREMIUM ENERGY

- Renewable is not the mainstream market. The unit prices are defined by the fluctuated wholesale market price.
- A side market for trading green certificates.
- The higher the uptake of renewable installation is, the higher the subsidies are. It makes bills unaffordable for cash-poor businesses.



# WE DISINTERMEDIATE RENEWABLE MARKET

- By decoupling renewable from the wholesale markets, we manage the intermittency of renewable generators with AI technologies.
- We profile and balance on half-hourly basis (virtual power plants), and match corporate customers with renewable generators (peer-to-peer exchange).
- Our p2p model allows higher fixed margin for renewable generators, and fixed and lower capped commodity price for corporate customers





# OUR **VALUE PROPOSITION** TO RENEWABLES

Creating greater efficiency for renewables to sell energy in the competitive alternative market



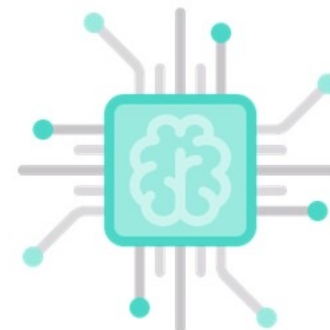
## HIGHER MARGIN

Proven min. 25% higher margin with the floor price guaranteed



## 100% TRANSPARENCY

Transparent half-hourly p2p exchange with corporates



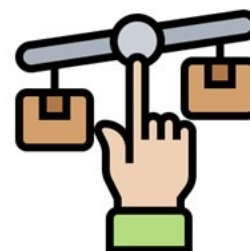
## PREDICTABILITY

Proven intelligent systems to handle their intermittency



## FULL CONTROL

Duration of exchange available between 1 and 15 years



## MITIGATED IMBALANCE

Proven intelligent method with 95% accuracy in balancing



## ESG IMPACTS

Contribution to the affordable energy for local businesses


# CASE STUDY 1

## HOUSING ASSOCIATION

- A housing association to install solar and batteries on tenants' properties free of charge
- Tenants pay for the installation in a pay-as-you-go model
- **RESULT:** the reduction of RoI of renewables from 25 to 17 years







## CASE STUDY 2

# P2P LOCAL ENERGY MARKET

### PROBLEM

The current PPA contracts for renewable generator and the supply of power to residents and businesses [move £500m a year outside a local authority](#).

### SOLUTION

A [p2p exchange between local generators and demand customers](#) will change the flow of money inward. It will also enable local authorities to provide better deals for their residents.

### IMPACT

- Maximising the value of local renewable and affordable green energy for residents
- Employment, fuel poverty, net zero target



# WE CHANGE THE WAY UC ENERGY...

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