



Clean Energy at Stable Price

Concept Presentation  
SEV Industry 4.0



An aerial photograph of the Aluminum of Greece Factory, a large industrial complex with multiple long, parallel buildings, situated on a coastal plain. The factory is surrounded by rugged mountains and a body of water. The image is in grayscale with a semi-transparent grid overlay.

10%

of total Energy  
Consumption in Greece

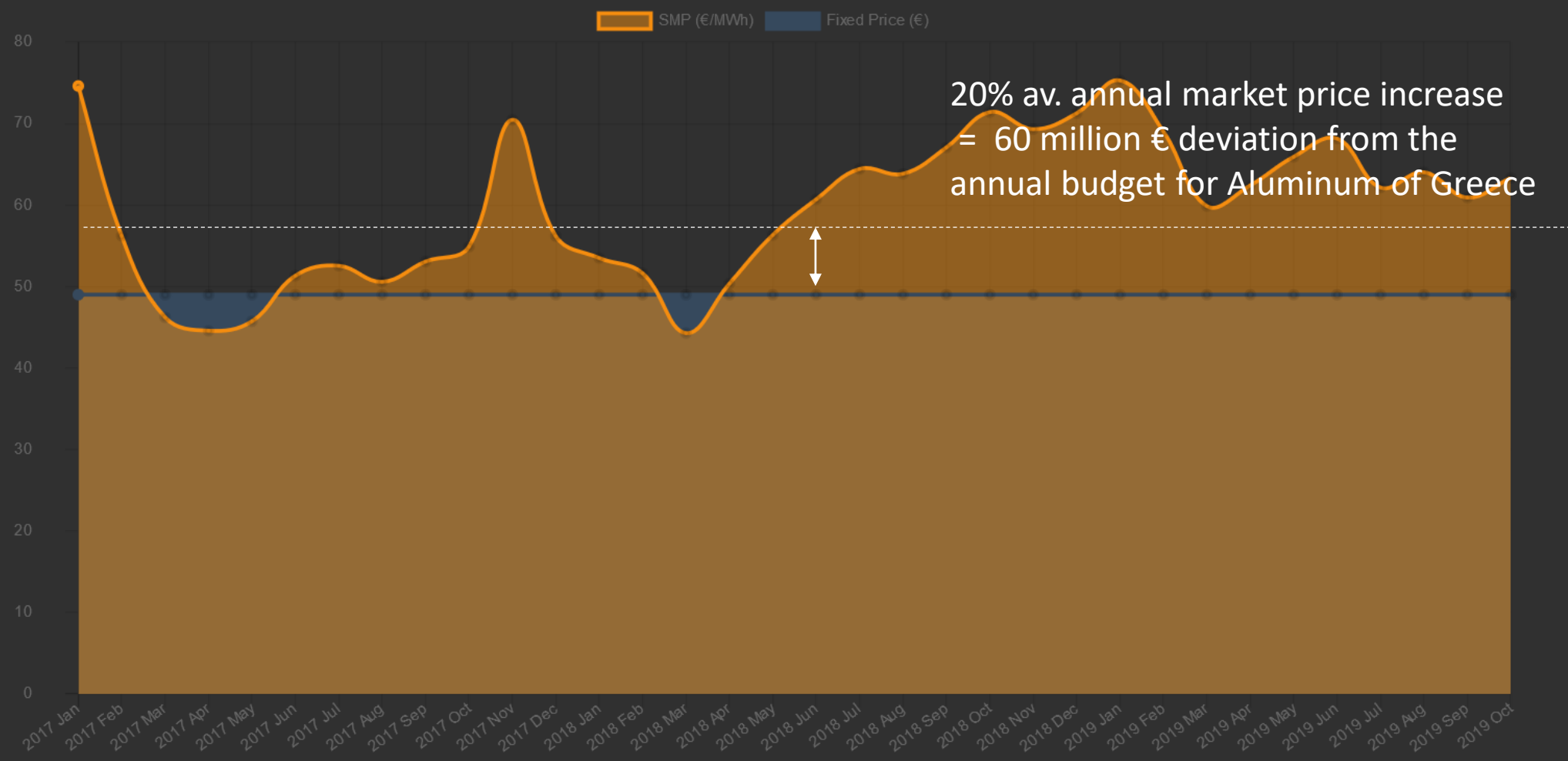
€ 300 mil

annual electricity bill  
for the plant

Aluminum of Greece Factory

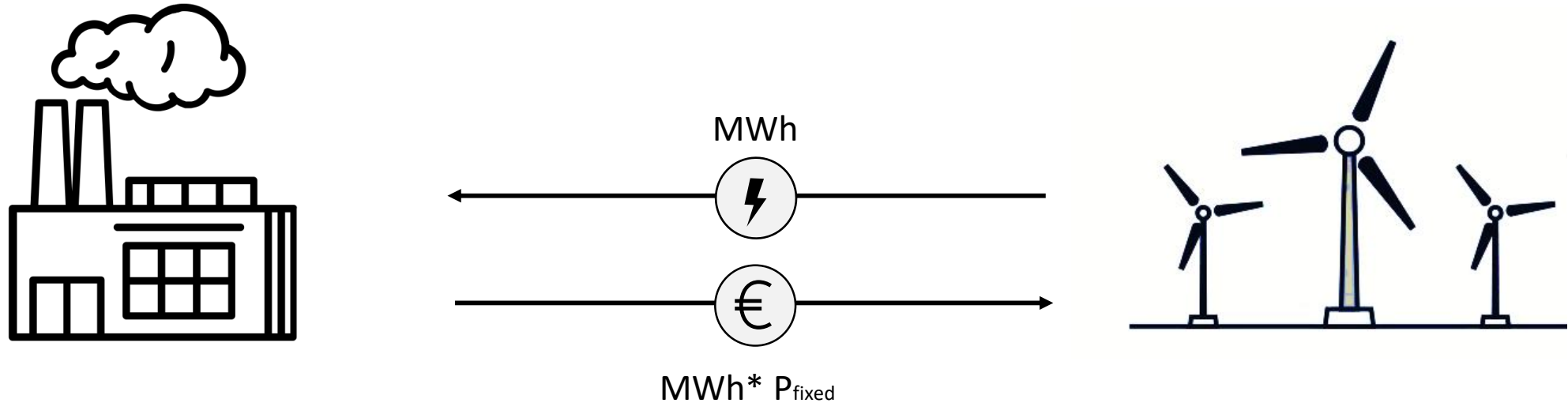
- Dashboard
- Producers
- Buyers
- Plant Consumption
- Matchmaking
- Settings

# Dashboard



# PROBLEM

Direct Power Purchase Agreements between large consumers and Energy producers are not possible in Greece



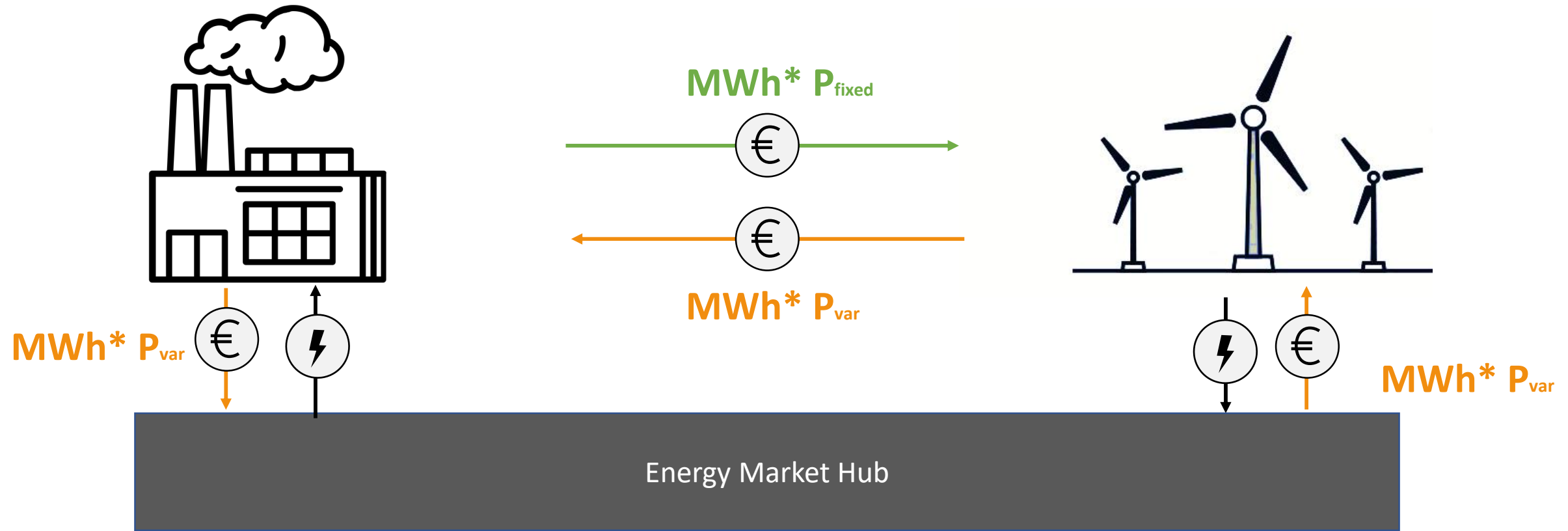
# PROBLEM

Direct Power Purchase Agreements between large consumers and Energy producers are not possible in Greece

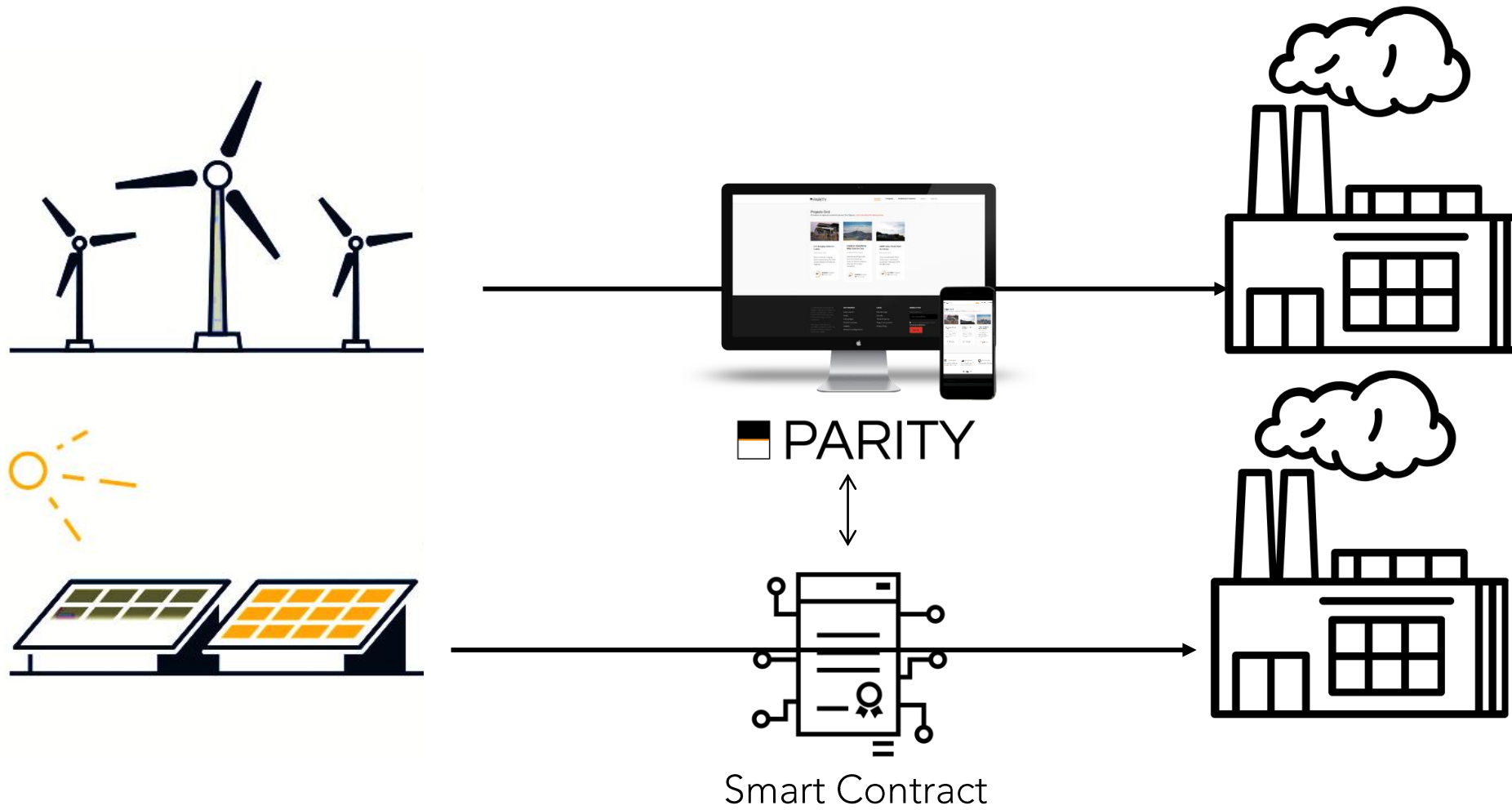


# SOLUTION

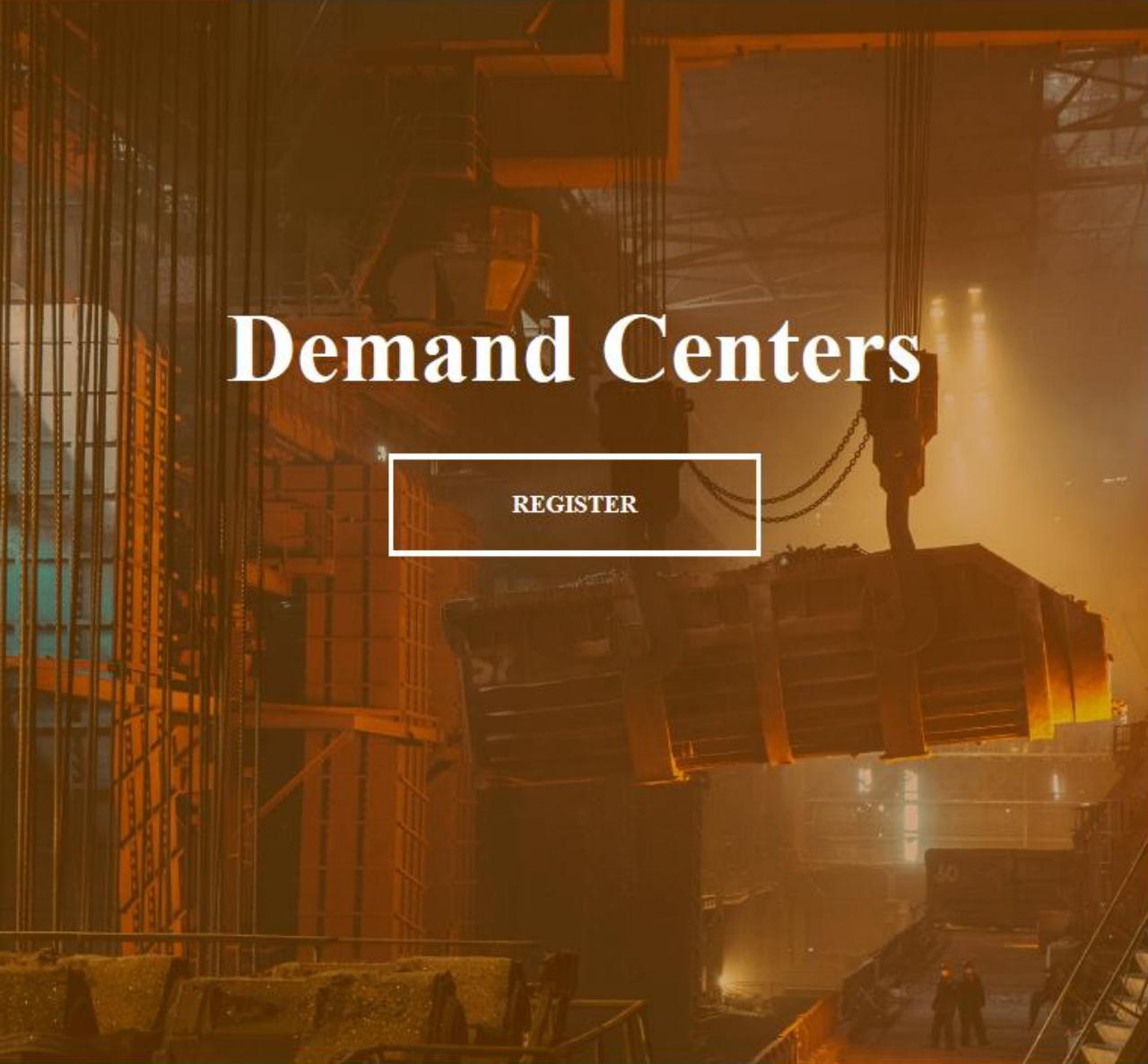
Virtual PPA via a swap contract between producer and consumer



# PRODUCT







# Demand Centers

REGISTER



# Energy Producers

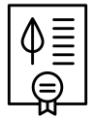
REGISTER



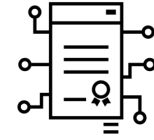
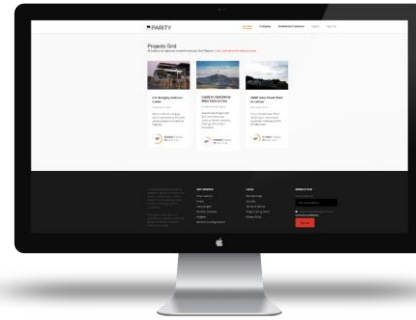
## Why Virtual PPA ?



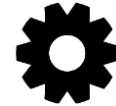
Lock energy price for more accurate budgeting.



Receive Green Energy Certificates.



## Why through Parity Contracts ?



Fast completion and minimum cost

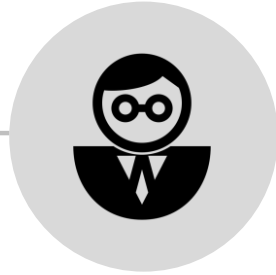


Transparency and security by writing contracts on Quorum Blockchain.

# VALUE PROPOSITION



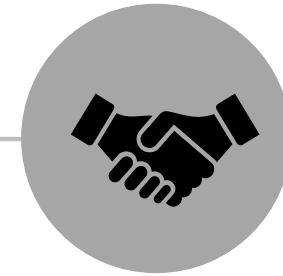
Find a project



Hire a lawyer



Prepare custom contract



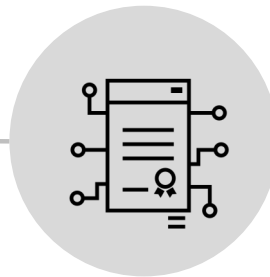
Sign Contract

25k € avg. cost  
per contract

VS



Select pre-vetted projects in  
Parity Contracts platform



Use standardized smart  
contract



Write contract on  
blockchain

5k € avg. cost  
per contract

$$\begin{array}{ccc} 5000 \text{ € fee / contract} & & \\ \text{Payable by Consumer} & & \\ + & = & \text{Operator} \\ \text{Annual Subscription fee for} & & \text{Revenue} \\ \text{energy project companies} & & \end{array}$$

Legal Advisor:



Vassilis Triantafyllos  
Partner at Ennomos Law Firm  
Special Counsel to **ADMIE**

Project Data from:



Financial Support:







Dashboard



Producers



Buyers



Plant Consumption

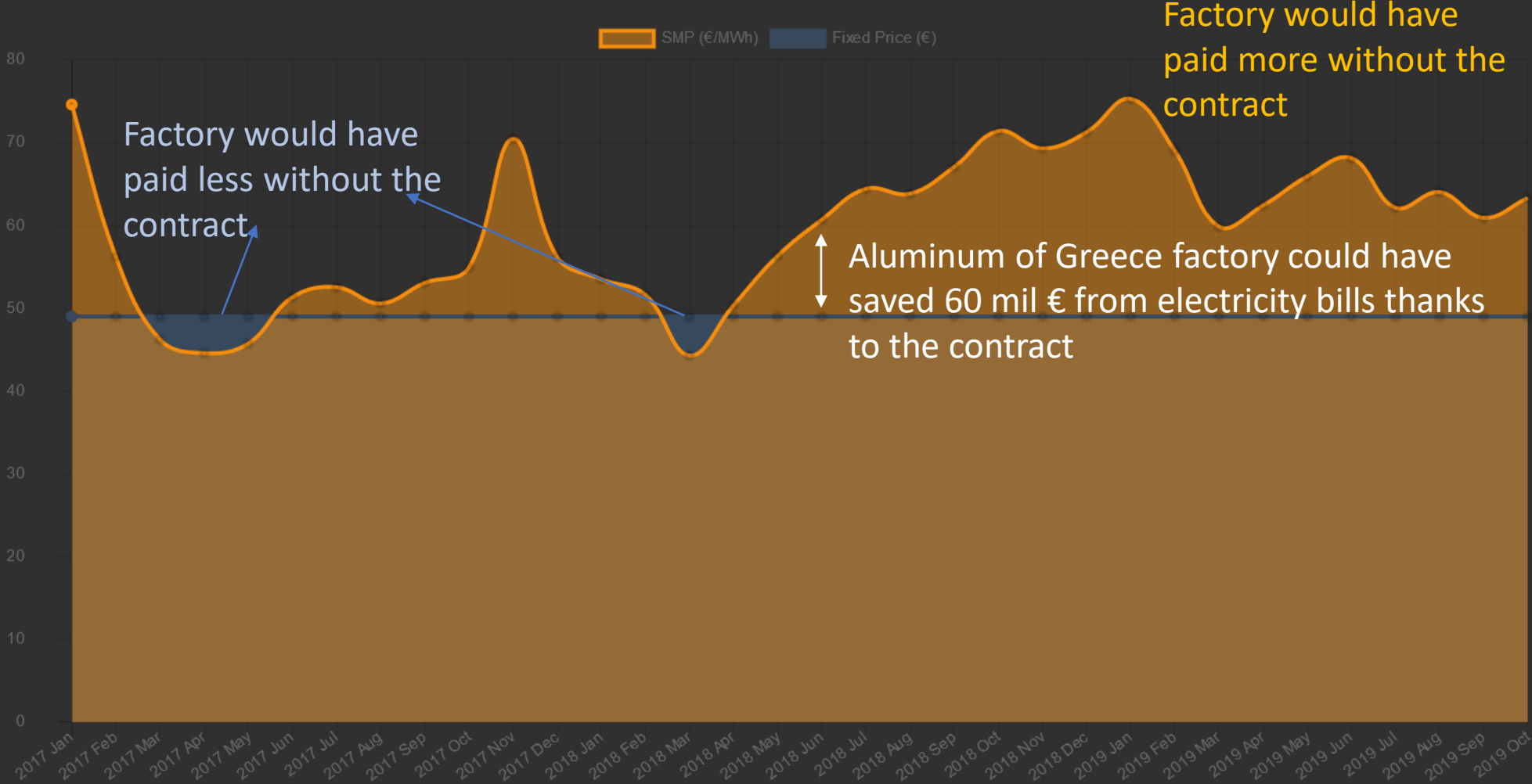


Matchmaking



Settings

# Dashboard



# TEAM



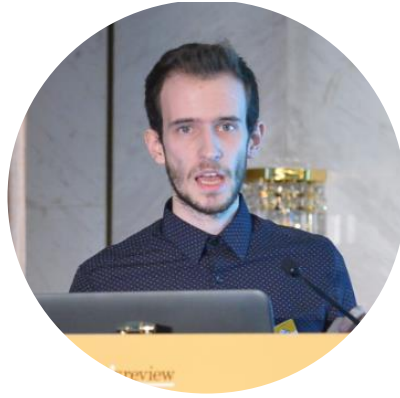
Christos Stefanatos

MSc Mech Engineering NTUA,  
Passed CFA Lvl 2

Prev:



Operations Controller



Alexios Karadimos

MSc Electr Engineering  
University of Patras

Prev:



Robotex 17  
2<sup>nd</sup> Position



Nikolaos Karadimos

MSc Electr Engineering  
University of Patras

Prev:



Crowdhackathon Insurance  
3<sup>rd</sup> Position



Konstantinos Fousekis

MSc Information Systems, Un. of Aegean  
Thesis on Blockchain & Energy

Prev:



Data Scientist

# TECHNOLOGY

