

 AMPERE ENERGY

Our energy
moves the world



WHAT WE DO: SMART DEVICES THAT WILL CHANGE THE WORLD



SPHERE



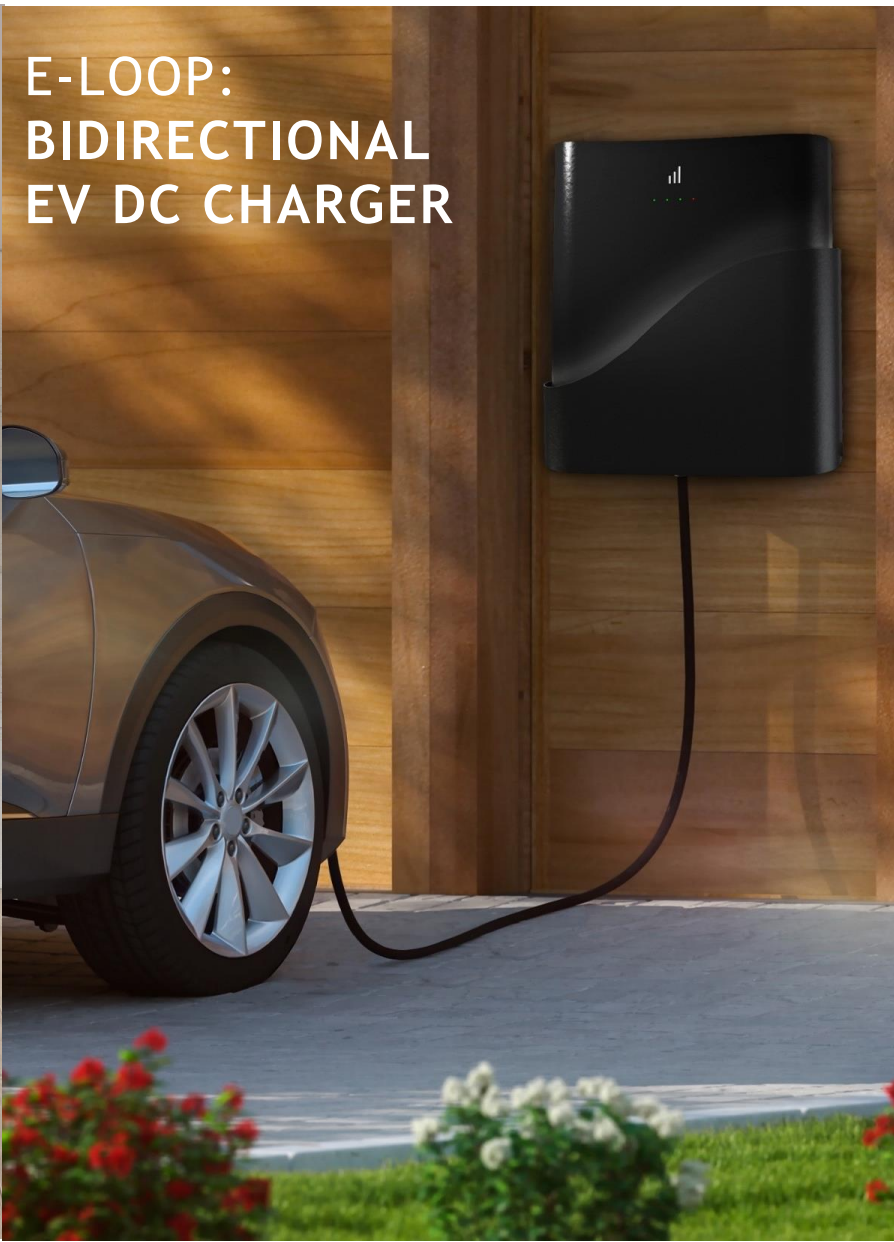
SQUARE



TOWER



T-PRO:
MODULAR 3-PHASE
SMART STORAGE

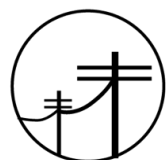


E-LOOP:
BIDIRECTIONAL
EV DC CHARGER

WHAT GOES NEXT?



Devices
behind the
meter



TSO / SYSTEM OPERATOR



DSO



ENERGY PROVIDER / GENERATOR



BALANCE PROVIDER

MAIN ACHIEVEMENTS

Reduce Operational Costs



Improve system efficiency



Improve generation plants use
factors



New revenue stream for the
final user

AMPERIA, THE FUTURE OF VPPS



FLEXIBILITY



ELASTICITY



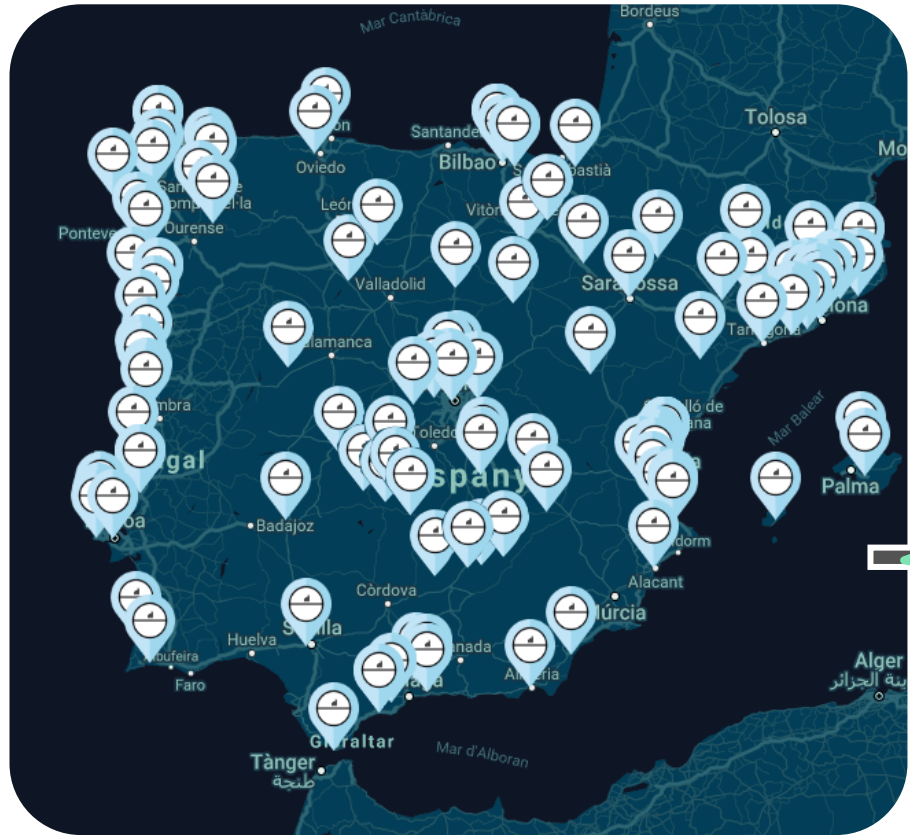
CLUSTERING



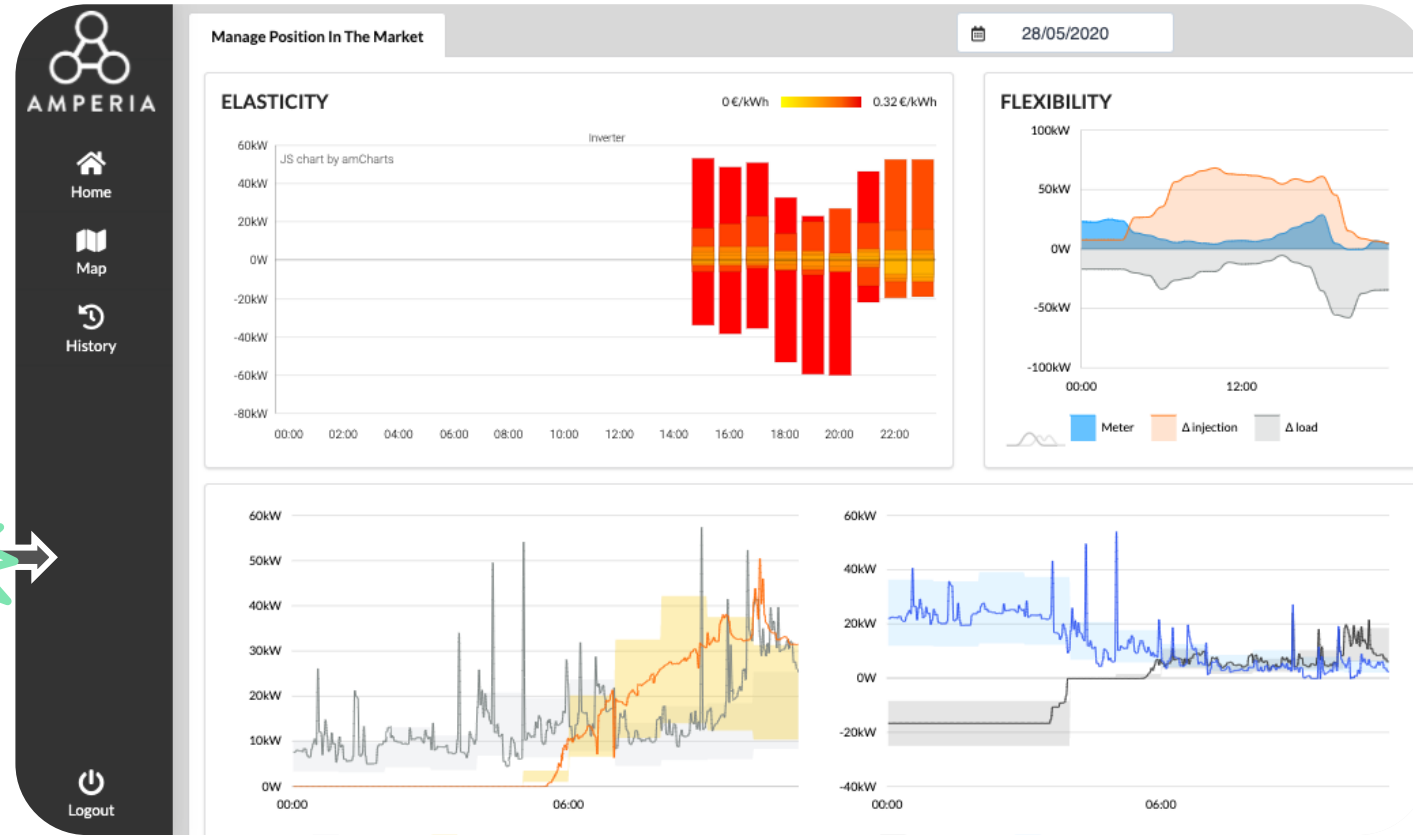
SELF-CORRECTION

THE BEGINNING: FLEXIBILITY

INDIVIDUAL FLEXIBILITY



VIRTUAL POWER PLANT FLEXIBILITY



DYNAMIC APPROACH: ELASTICITY

Grid Actor



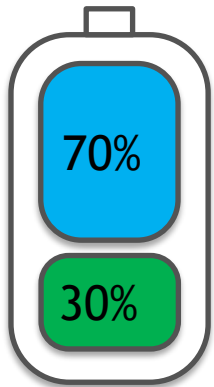
End User



Conflict of
interests

Other VPPs :
Fixed Behaviour

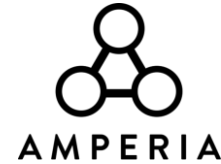
End User



Grid Actor



NOT OPTIMAL



Dynamic
Behaviour

FLEXIBILITY

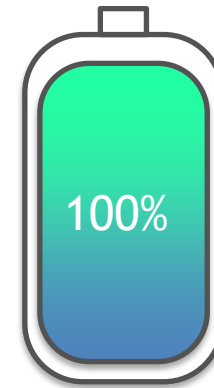


ELASTICITY

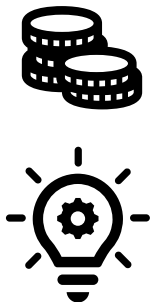
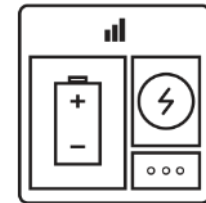


Opportunity Costs

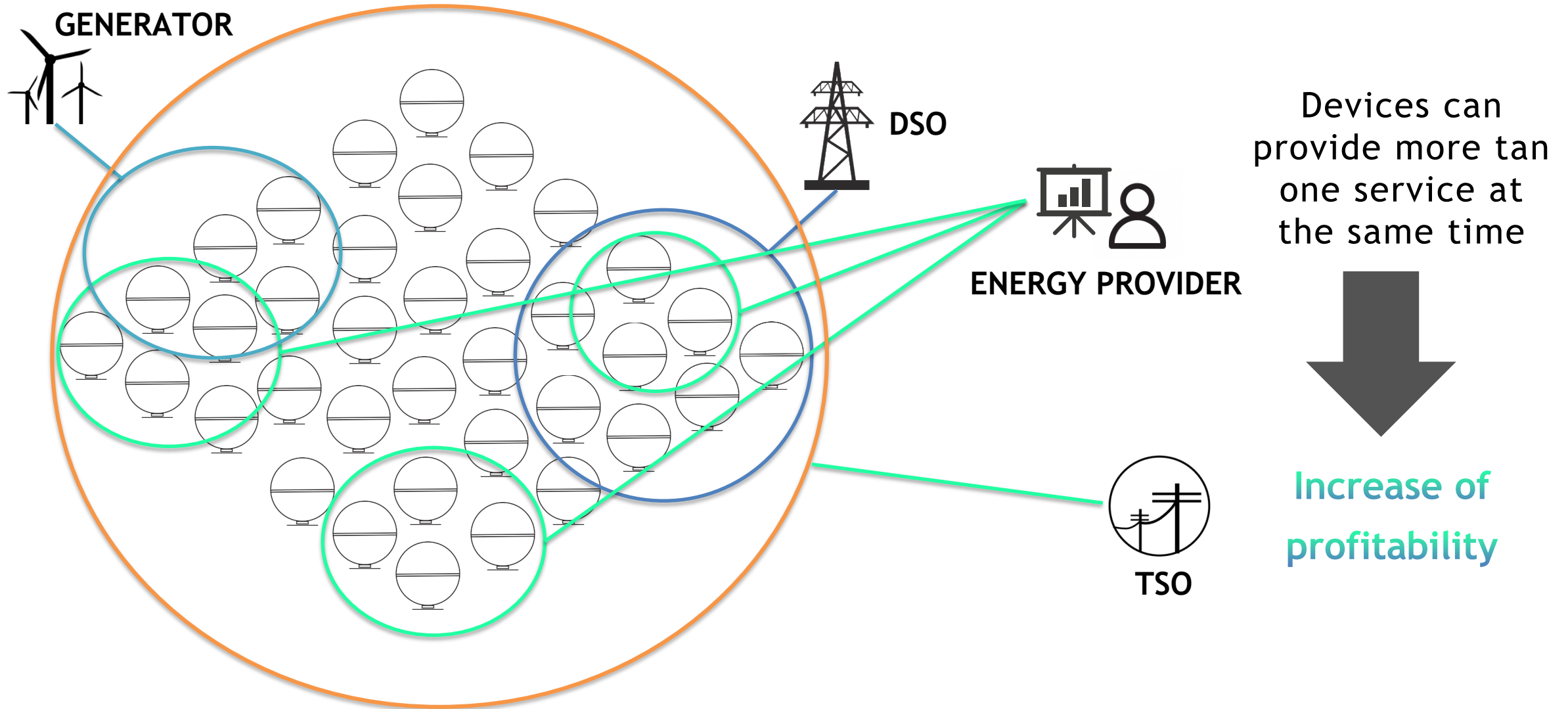
End User



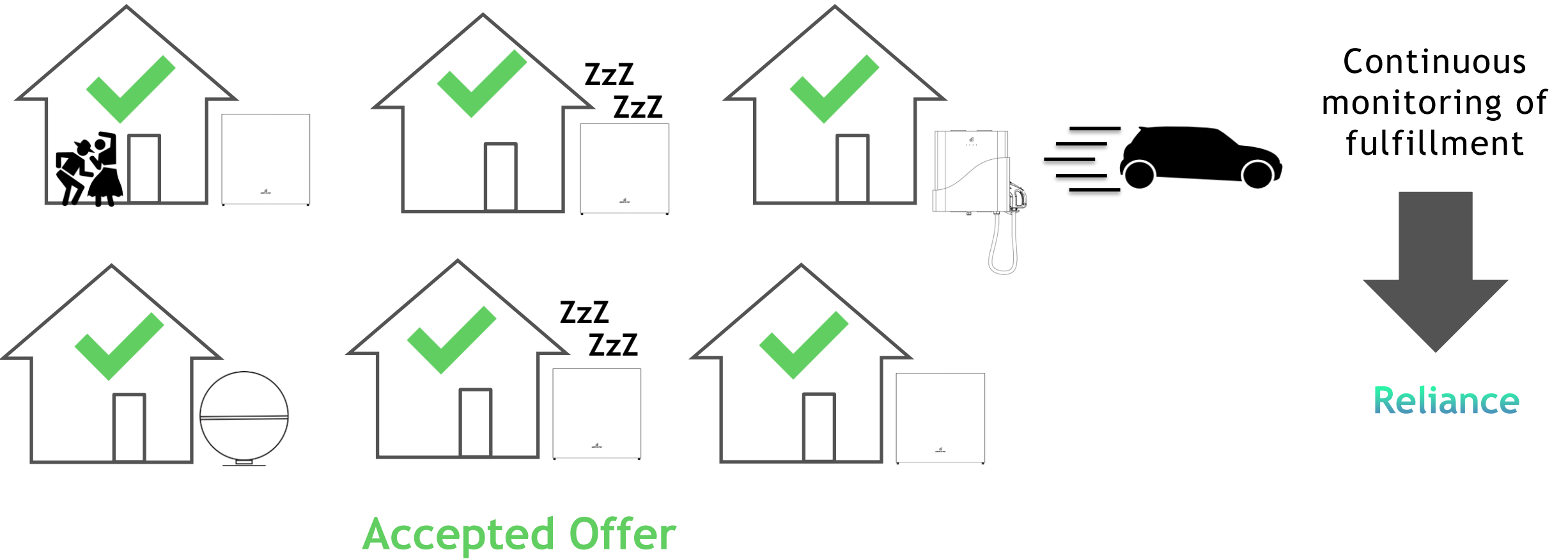
Grid Actor



DYNAMIC APPROACH: CLUSTERING



DYNAMIC APPROACH: SELF-CORRECTION



OUR TEAM

WE ARE WHAT
WE BELIEVE IN





Thank You



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