



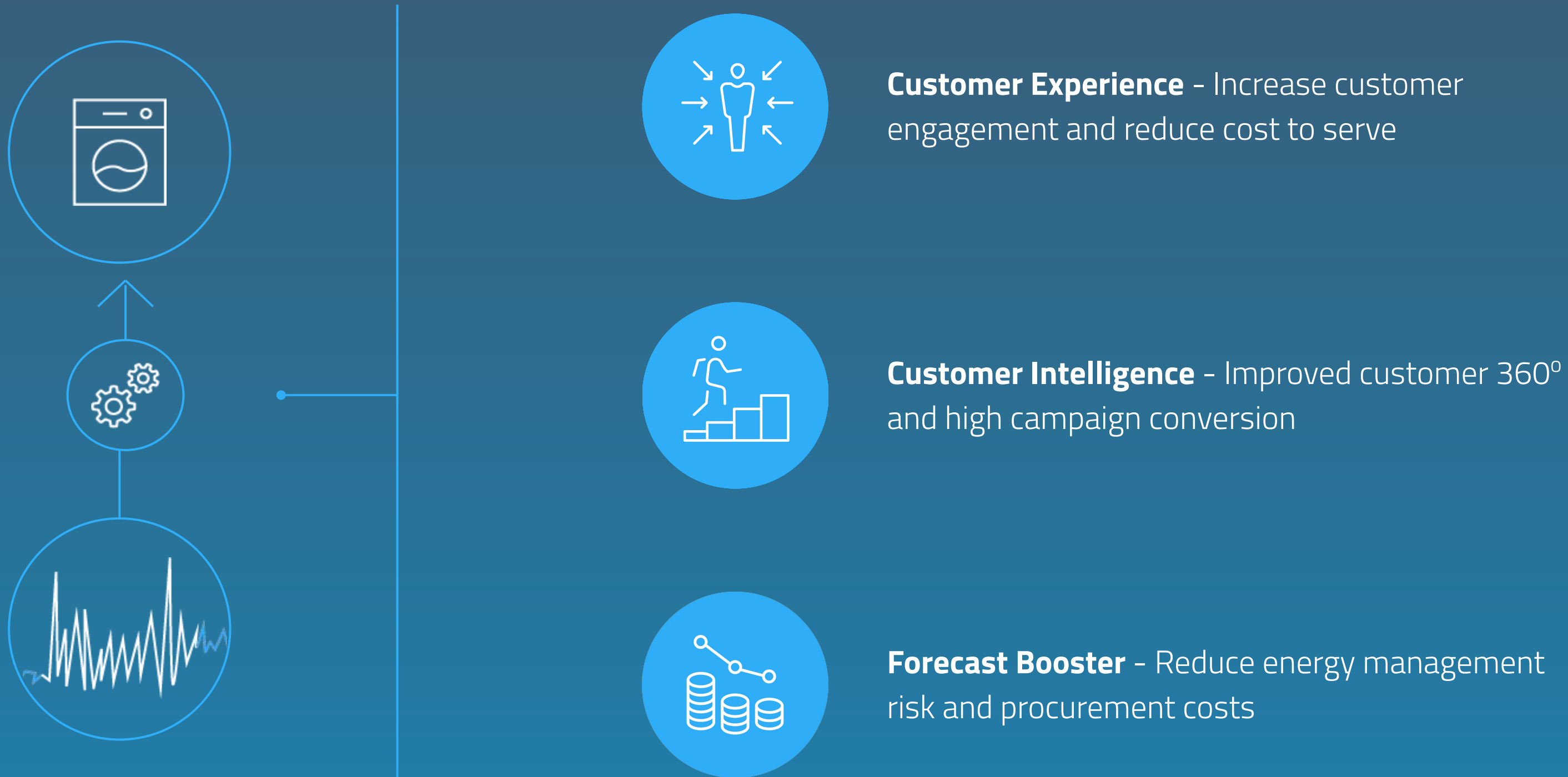
Unlocking **value** from smart meter data

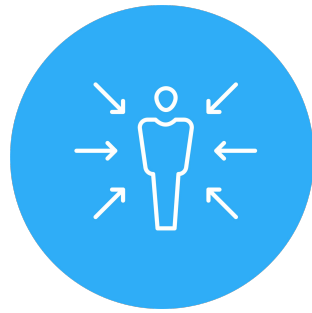
Zeist (NL), Thessaloniki (GR), Bend (OR, US)
2022



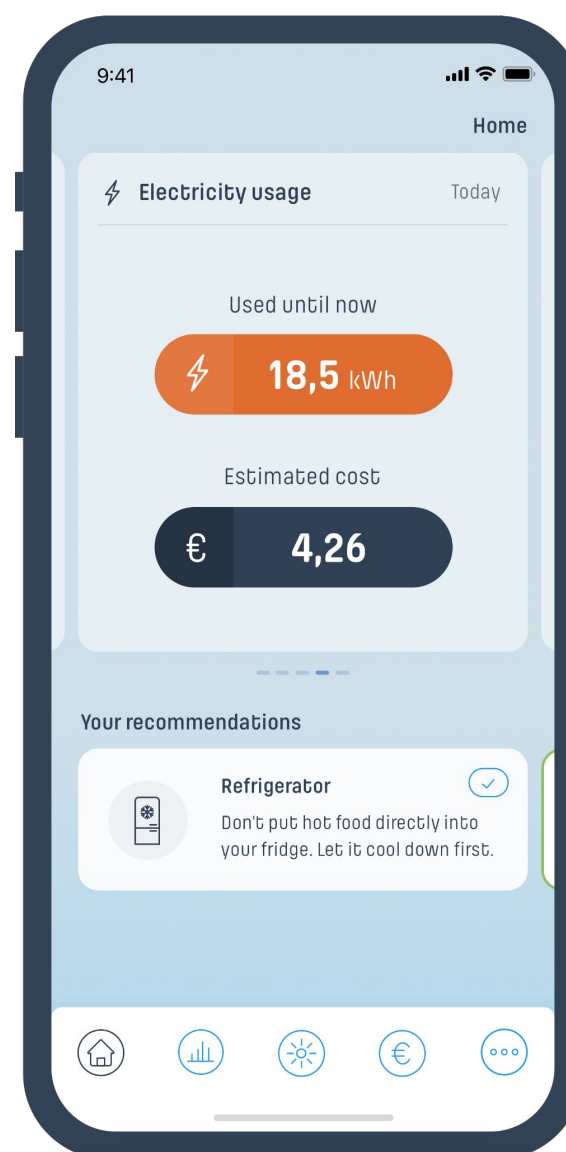
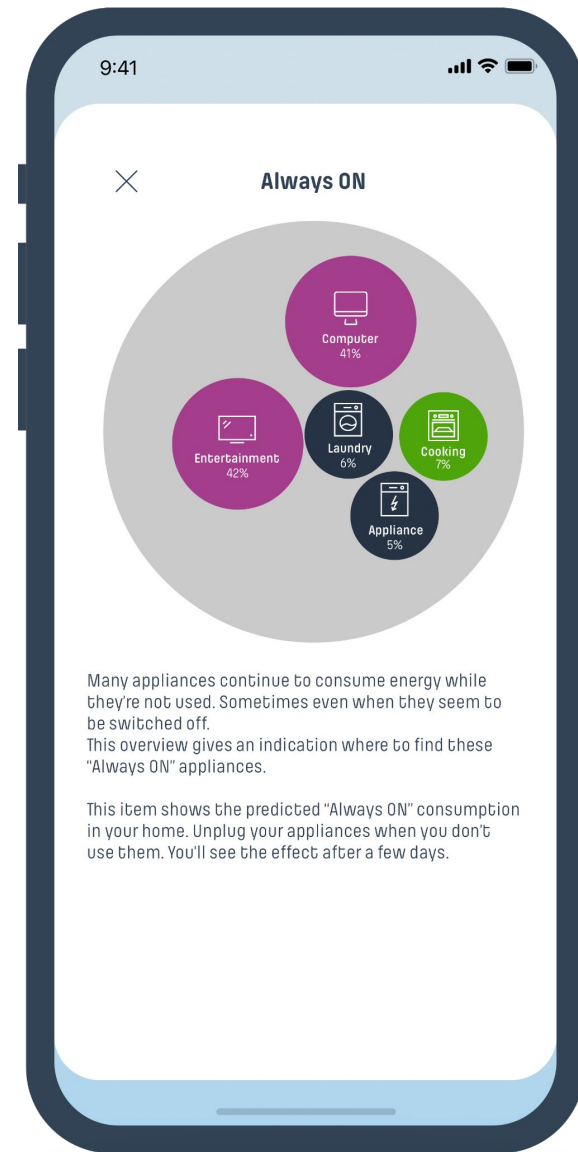
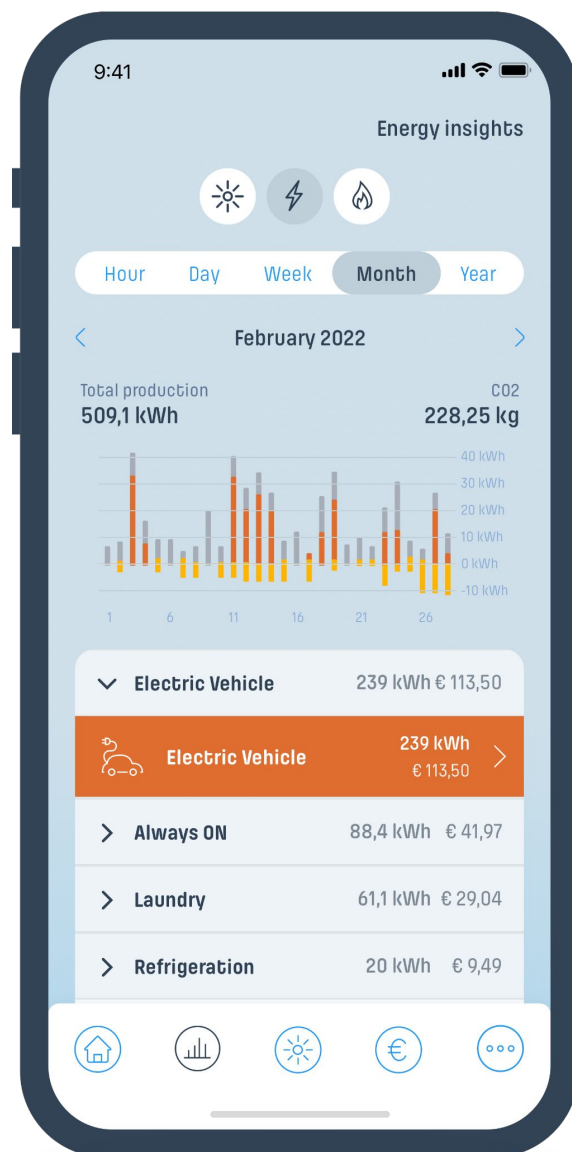
Dimitrios Doukas
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The **value** of Smart Meter data





Increase customer engagement and lower cost to serve



60

Net Promoter Score

40%

Lower churn

60%

Reduction of service calls

3x

Increase of self service

[Read how NET2GRID helps E.ON to achieve these business results](#)



Improved customer 360° and high campaign conversion



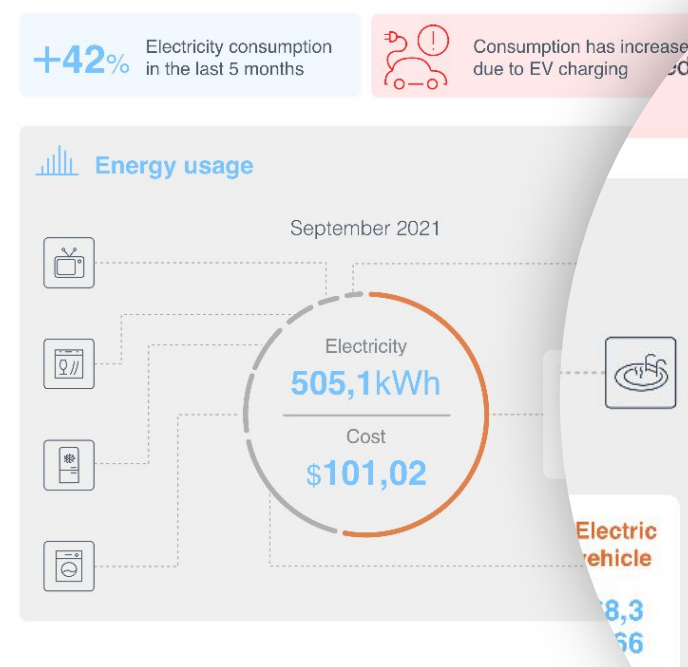
Utility Customer Care Agent View

Customer **John Smith**

Electricity usage comparison



Bill Analyzer



Next Best Actions for John Smith

- 1 Switch to our special EV tariff**

	Savings 132 \$/year	Score 87
	We see that You are charging your EV at home at specific hours of the day!	
	Our advice You could benefit from our special EV tariff. We estimate you could save 132 \$/year by switching to EV rate plan.	
- 2 Install solar panels**

	Savings 598 \$/year	Score 72
	We see that Your neighbours are increasingly generating their own power through solar panels (12% increase last year).	
	Our advice You could even benefit more if in combination our EV tariff you would start generating solar power. We expect you to save an additional 500 \$/year.	



360-view of your customers



Solar production and EV events and charging station type detection



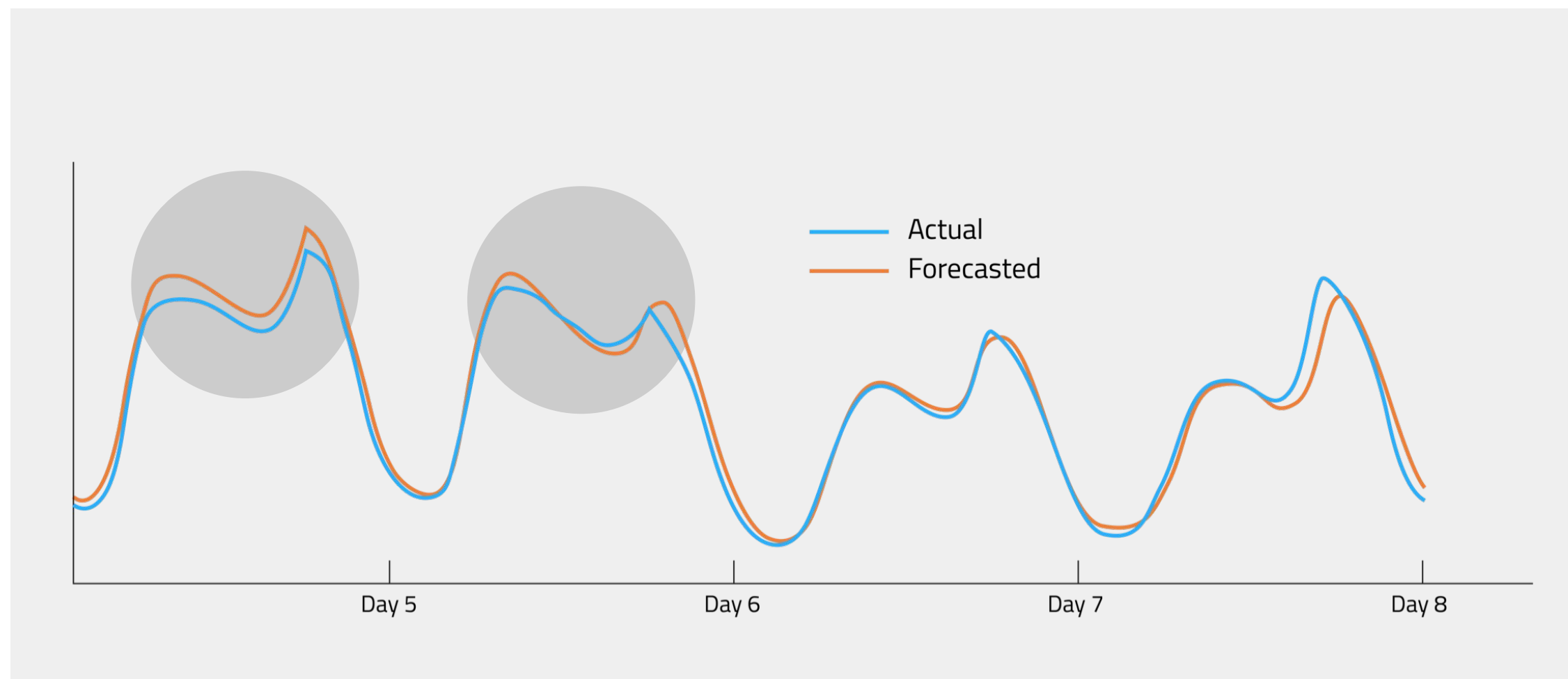
Increase conversion of marketing campaigns



Reduce energy management risk and wholesale procurement costs



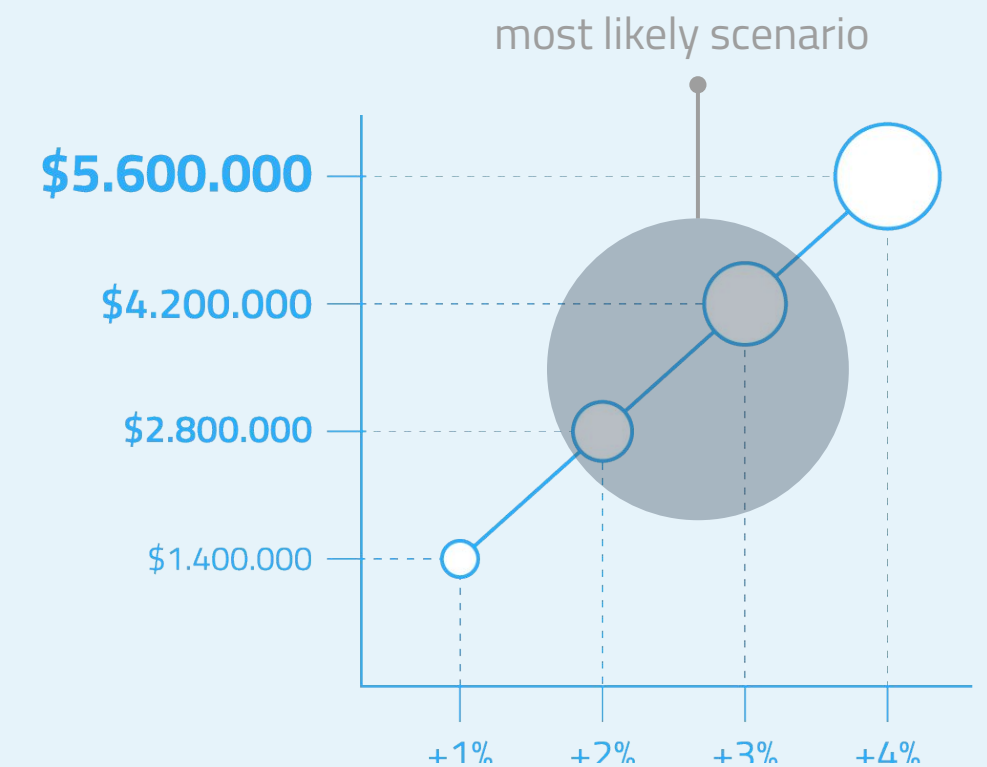
Top down models are less accurate due to uptake of residential DER



Bottom up models fill this gap by aggregating the individual prosumers

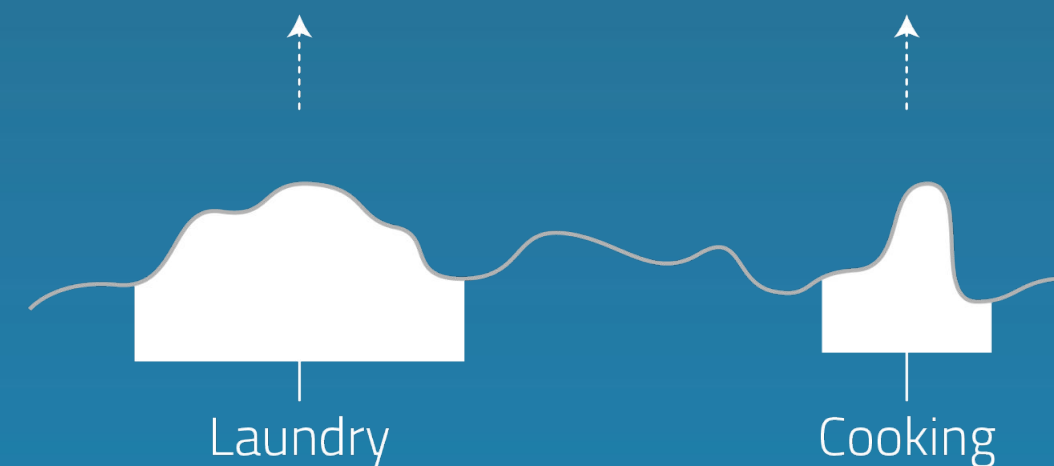
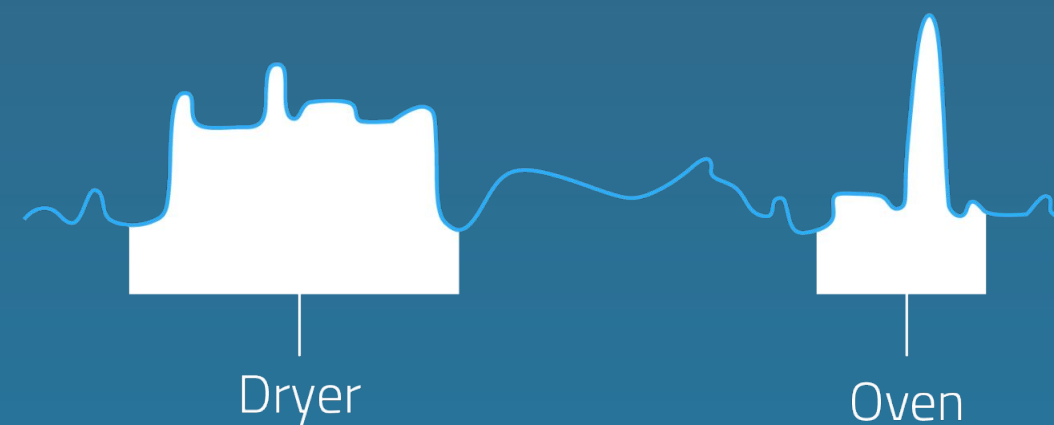
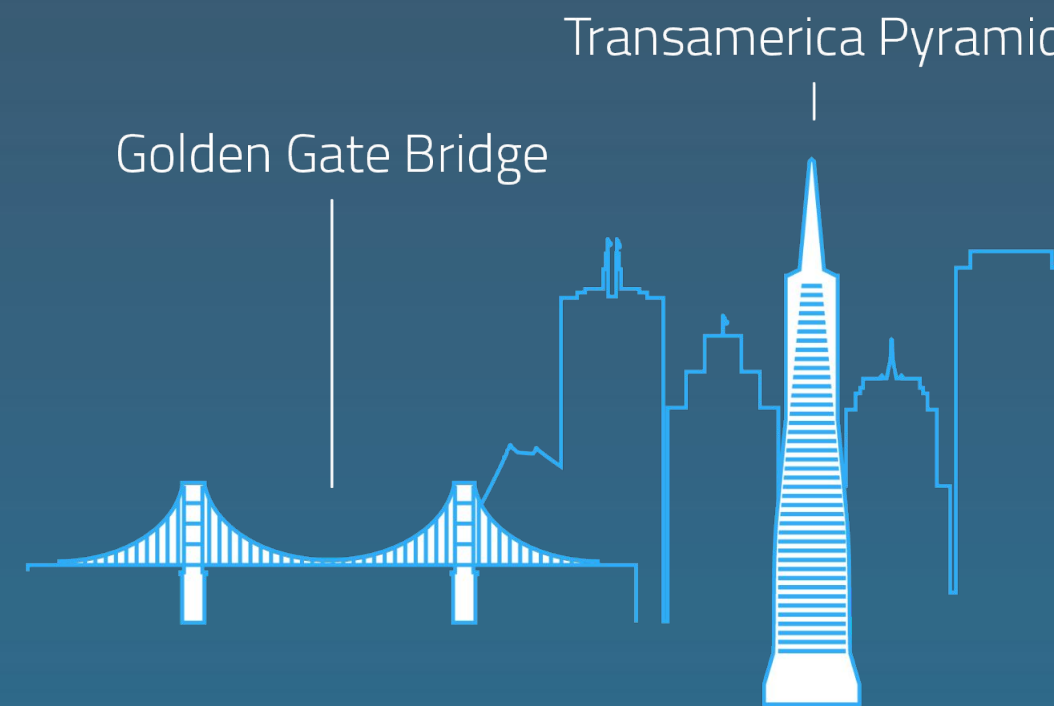
increasing the accuracy from
94% to 98%

Savings per year per 5GW peak load



Source Dr. Tao Hong: <https://energycentral.com/c/um/crystal-ball-lessons-predictive-analytics>

We provide the **most accurate** residential energy insights



accurate
high
resolution
models

better low
resolution
models

We support the **full journey** from basic AMI insights to the subsecond **edge-based** insights needed for true optimization



Why we are **unique**



The only one to process **smart meter data of all granularities**



One-stop shop
for Software and Hardware



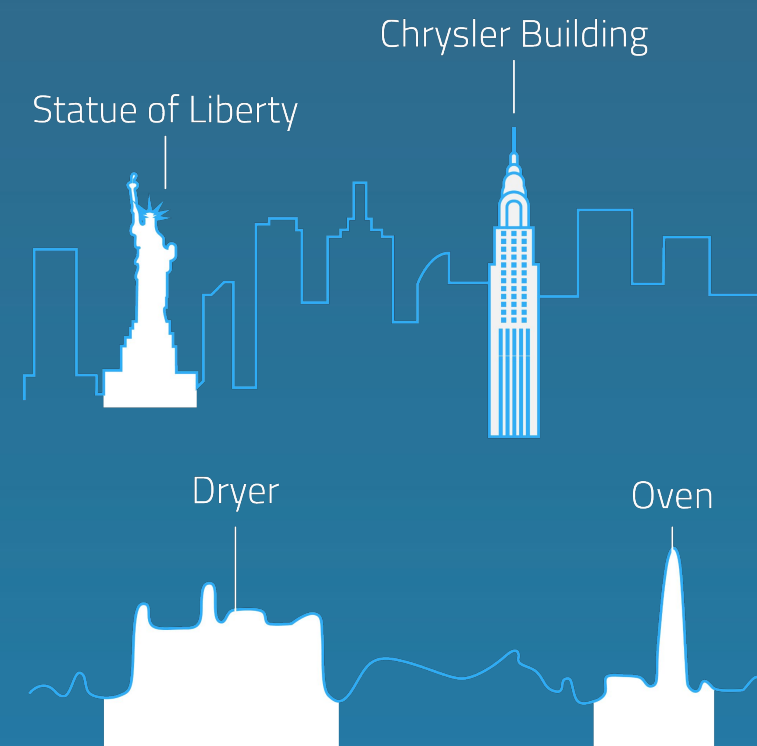
The most accurate disaggregation in the market



Global reach thanks to global technical compatibility



Proven technology
from 10 years of field experience



Company



NET2GRID

NET2GRID is an AI company that unlocks value from smart meter data



Founded in 2011



The Netherlands
Greece
USA

partners



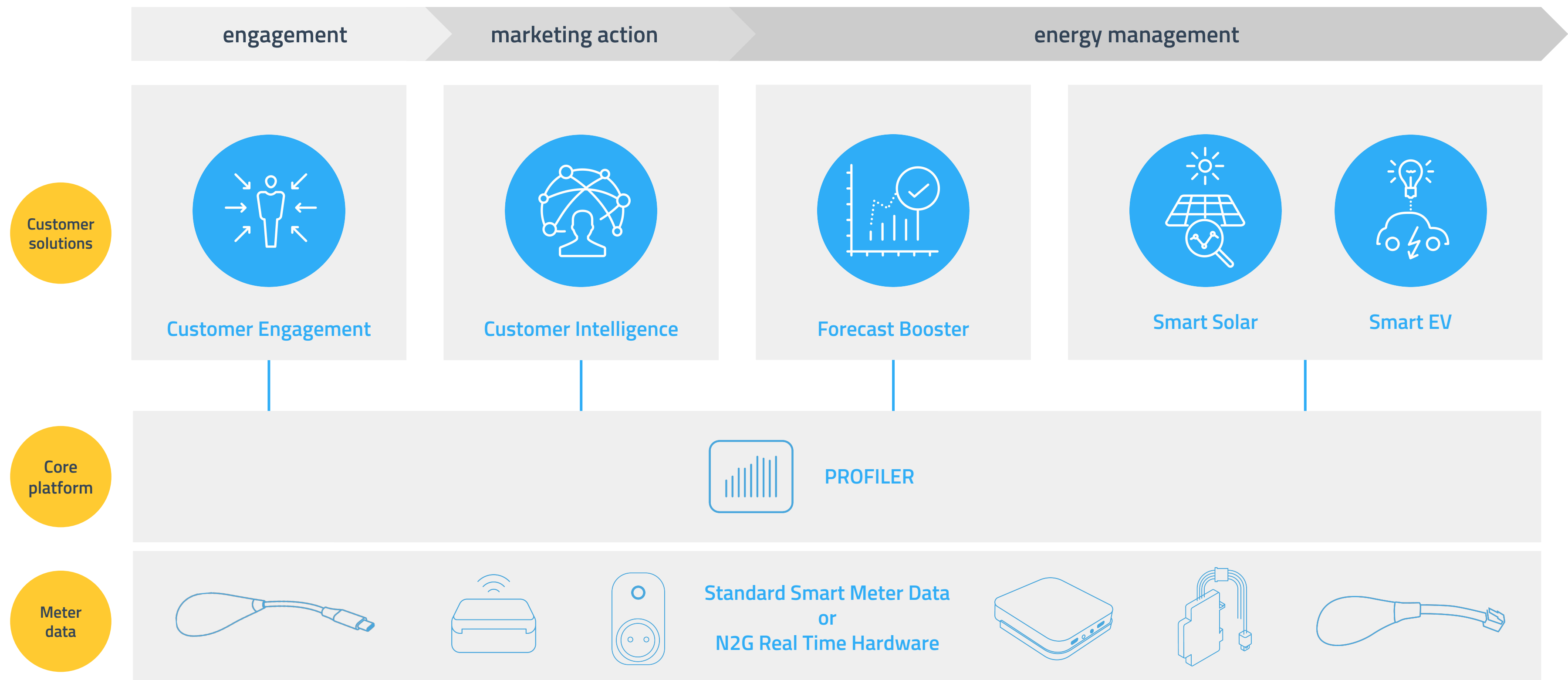
Greenbird



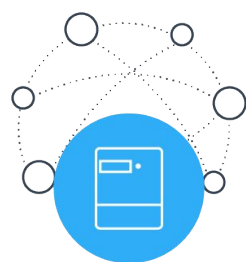
backed by



NET2GRID 2022 Product Suite








The difference between smart meter data & real-time data



Smart Meter data
(15 min - 60 min. data)



Real-Time data
(1 - 10 sec. data)

 Hardware (costs, installation)	—	✓
 Availability of data	Depending on DSO's provision (usually a day after for consumption data)	Near Real Time (for consumption data)
 Forecasting	Day-ahead and long term forecasts	Same as on SM data' + intraday spot market forecasts
 Disaggregation	Next day & on Activity Level: <ul style="list-style-type: none">✓ AlwaysOn✓ Charging EV✓ Refrigeration✓ Entertainment✓ Laundry✓ Cooking✓ Space heating✓ Water heating✓ Solar Production	Next day & on Appliance Level: <ul style="list-style-type: none">✓ Same as on SM data✓ Washing machine✓ Dishwasher✓ Dryer✓ Electric Shower✓ Oven/Grill/Stove✓ Single or 3-phase heat-pumps✓ Water Boilers✓ AirCo✓ Immersion Heater
 Recommendations	✓ Historical insights & peer comparison	<ul style="list-style-type: none">✓ Historical insights & peer comparison✓ Active insights & actionable alerts✓ Appliance efficiency insights✓ EV charging & power level alerts



Start our demo now

Thank you!



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