

Moixa

The future: vehicle-to-grid services



Moixa: leading in smart battery technology for homes, and platforms to manage all batteries as a grid service.

Moixa overview



Smart Battery for mass market



GridShare Aggregation Platform to manage batteries & EV



Operate Batteries for Utilities, Network and System Benefits

We leverage advanced technologies, AI and machine learning:



Our AI "brain" helps energy storage become smarter and provide data and insights to customers



Like a Nest 'learning thermostat' our machine learning help batteries optimise and adapt to household energy patterns



Our platform stores massive data enabling new energy services and applications

Platform scale: ITOCHU example



ITOCHU: \$100Bn global company

Rolling out >1300 systems a month in Japan market

Partnered with Moixa to provide
“**The Brain**” of the customer offering



Localised services



Moixa Honda partnership



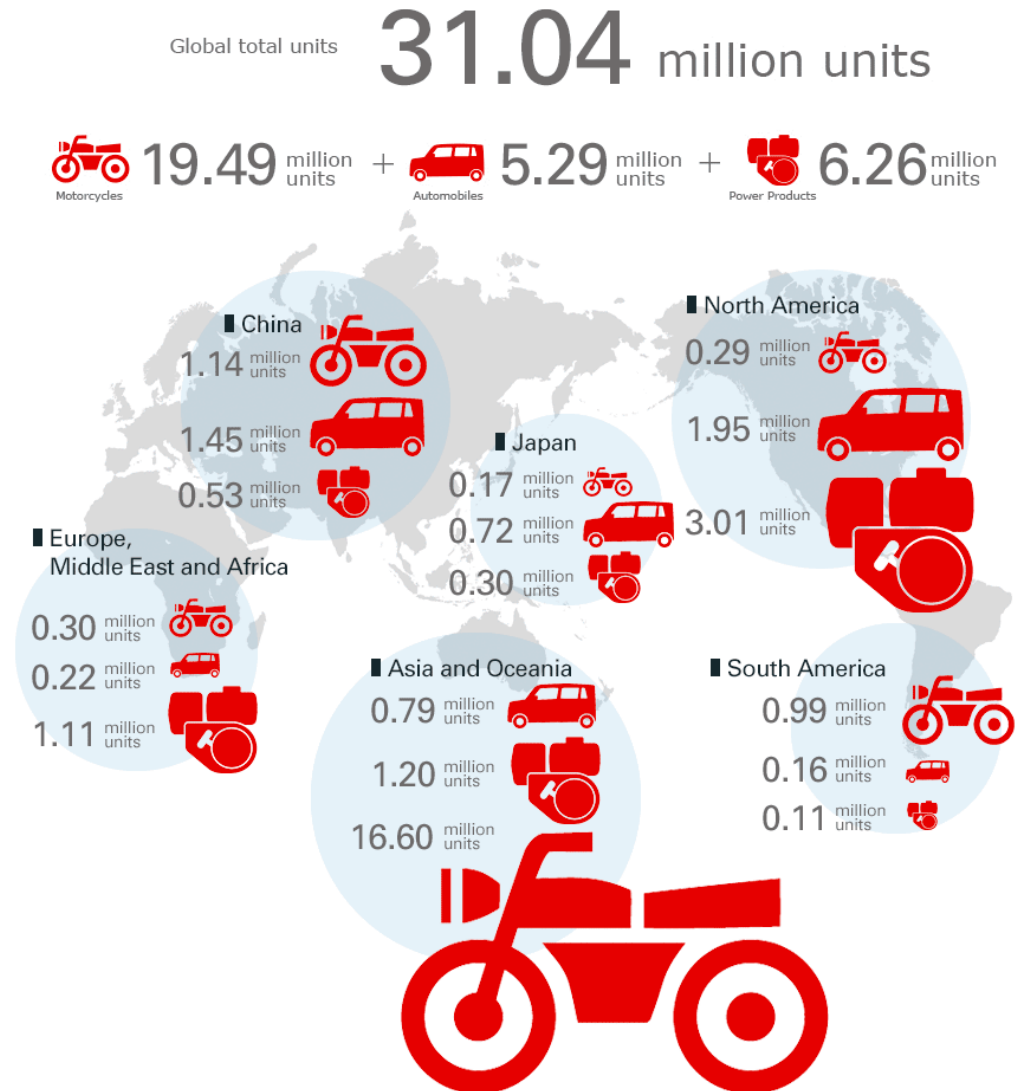
HONDA

The Power of Dreams

HONDA : 30m engines a year, all going to battery / electric

Launching EVs (Europe sales electrified by 2025)
Holistic vision of energy offering

Partnered with Moixa to provide
“**Intelligence**” of the customer and aggregation offering



West Sussex Council



Smart Local Energy Systems

Integrated local grid project

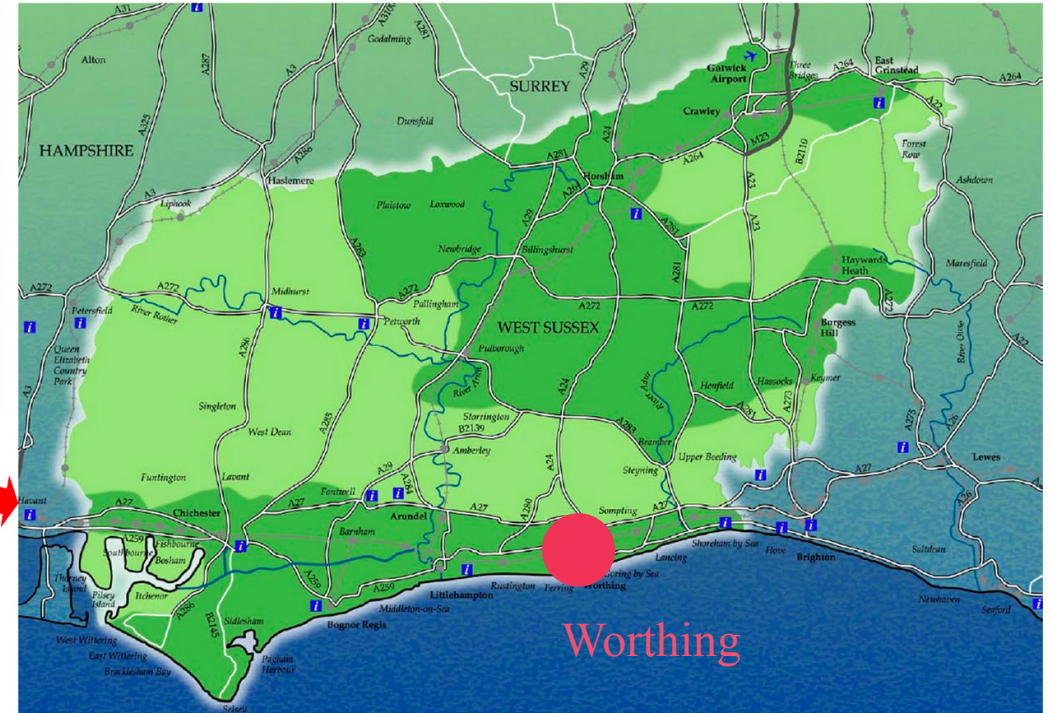
Moixa Scope

~250 EV charge / V2G

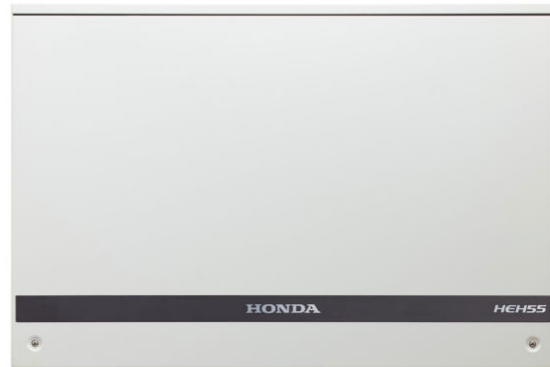
~250 domestic solar + storage

~100 large school systems

Moixa: aggregator and system operator for optimised value and grid flex services



Islington town hall



V2G for Islington town hall fleet

Honda Power Manager V2G hardware

Twinned with domestic installs

Moixa providing control, intelligence and optimisation



Optimising value for customers

The Gridshare platform uses advanced machine learning to understand patterns of energy use for each customer, and when their solar generates energy.

This is then matched with the energy tariff the customer is on, and weather forecasting data to generate predictions for the next day on energy consumption and generation.

The platform then uses advanced algorithms to generate an optimum plan for each unit for the next day, maximizing value for each customer.



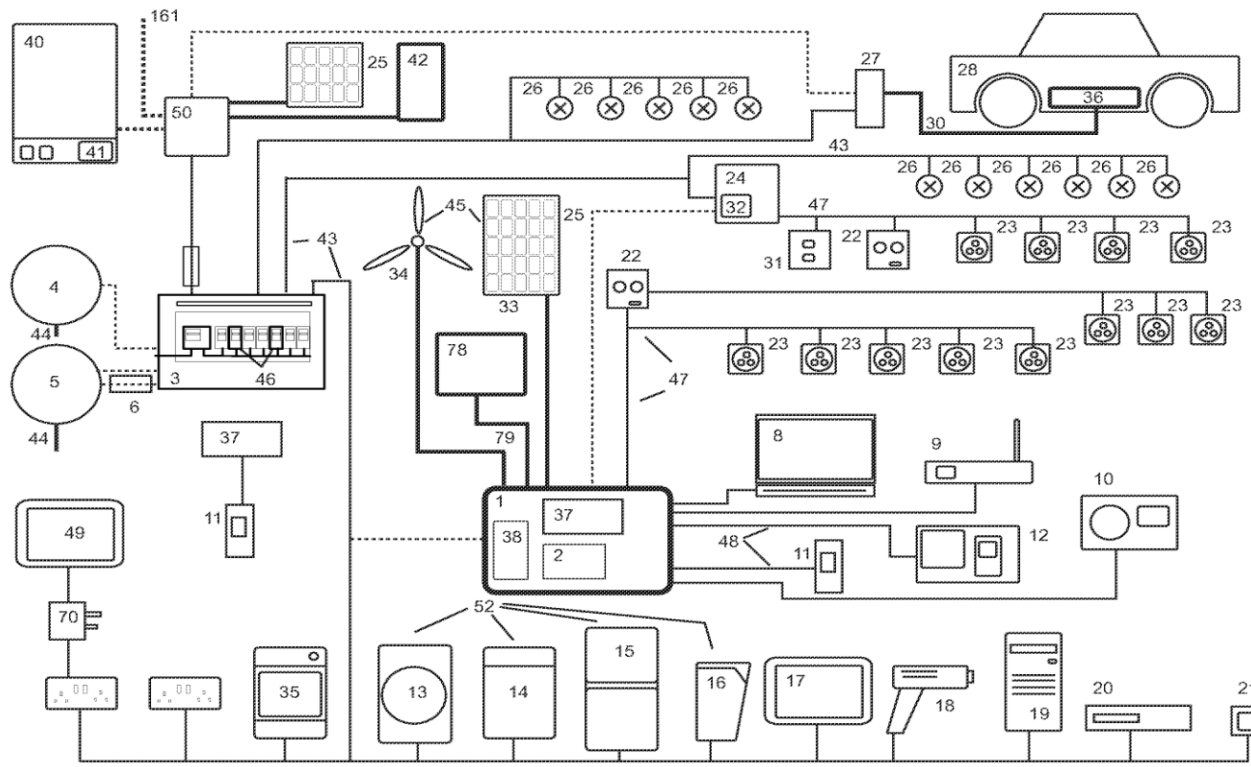
Intellectual Property

Example patent supporting GridShare

(19) **United States 2008**

(12) **Patent Application Publication**
Daniel et al.

(10) **Pub. No.: US 2010/0076615 A1**
(43) **Pub. Date: Mar. 25, 2010**



Cited by > 180 companies



SONY

Bloomenergy

SHARP



LG Electronics

Honeywell

SAMSUNG

EMERSON



SIEMENS



Alcatel-Lucent

SIEMENS

Microsoft

BROADCOM

SolarCity

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