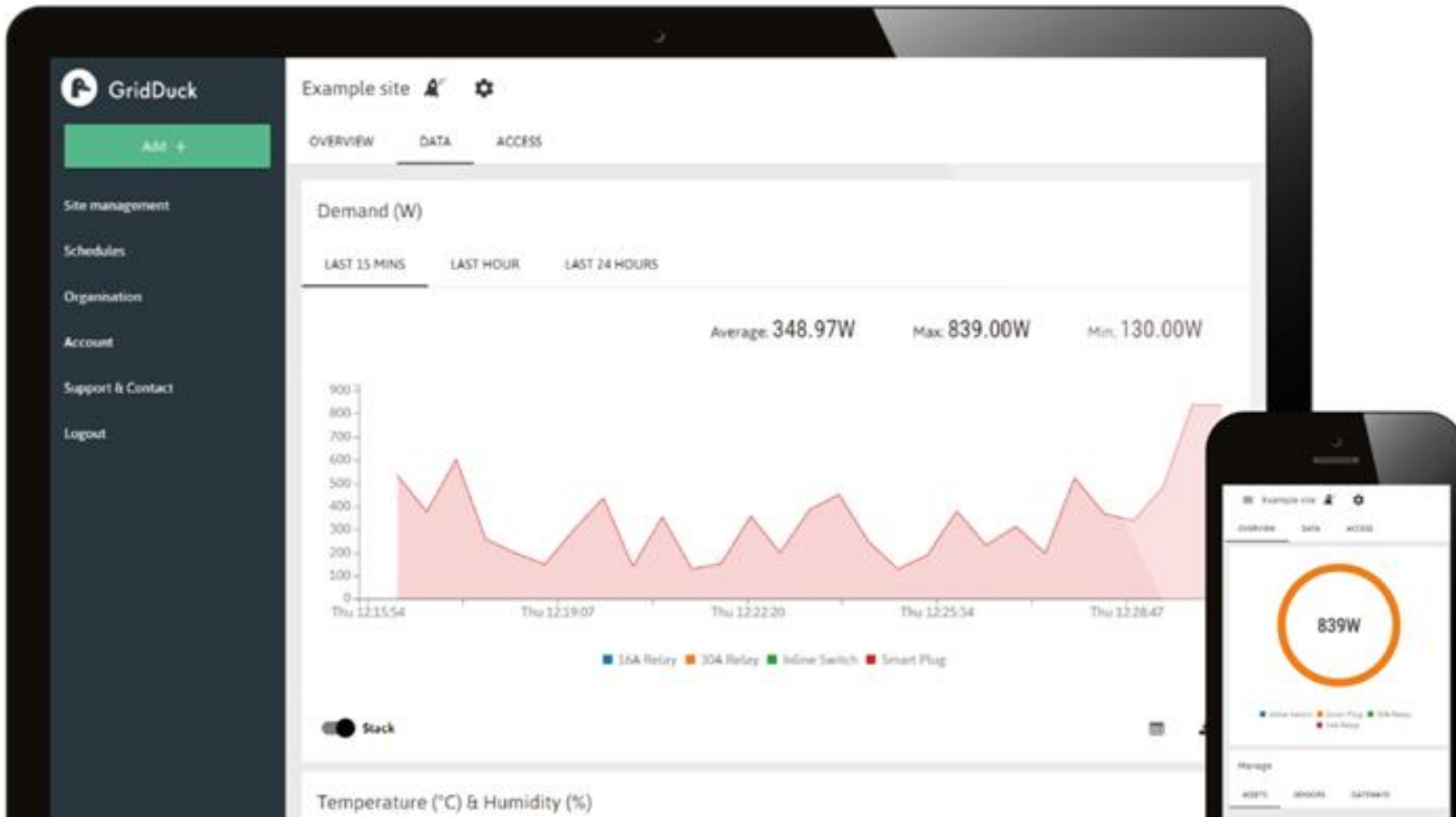




GridDuck

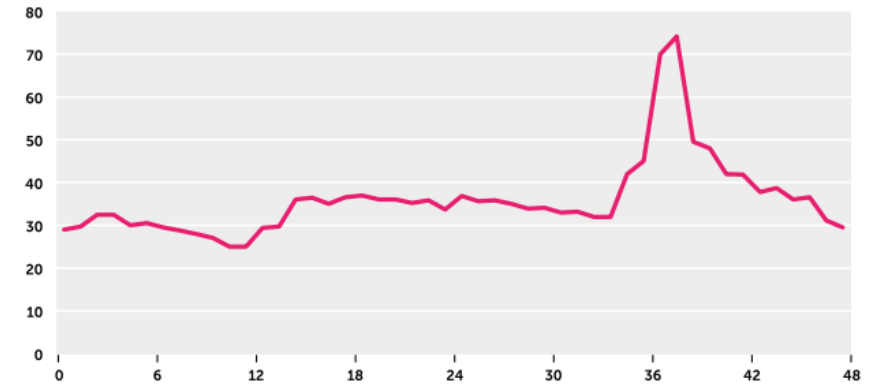
Cloud based energy automation



Problem



- Businesses want to cut their energy costs
- Electricity costs are variable during the day



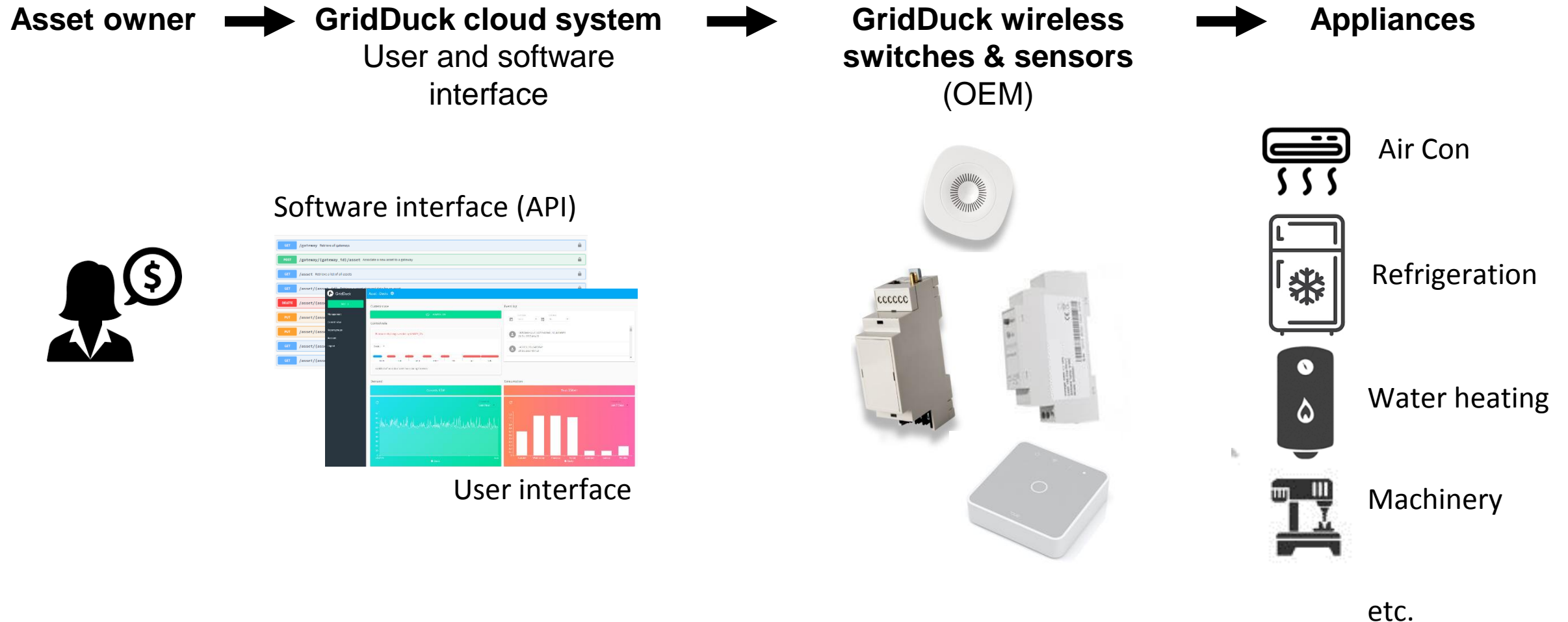
Half-hourly wholesale price of electricity (£/MWh) over a day

- Controlling appliances is currently too expensive and complex

Solution: bridge to your appliances



Measure consumption, switch assets on + off and run automated routines

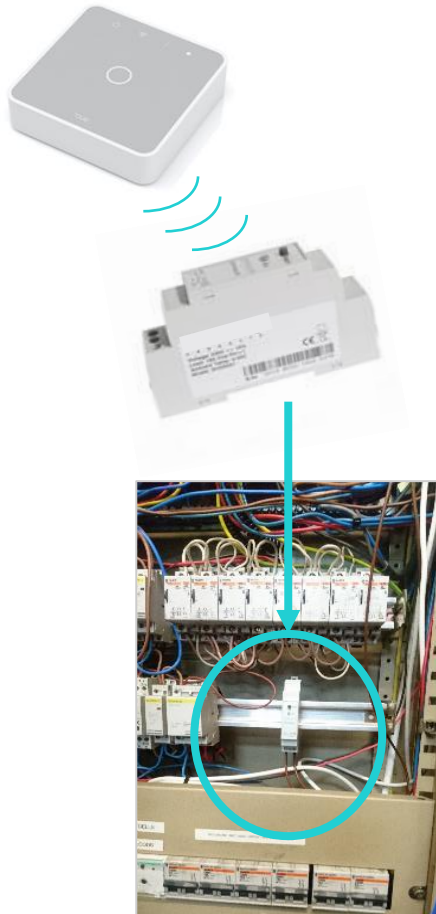


Example: hot water boiler at fuel station

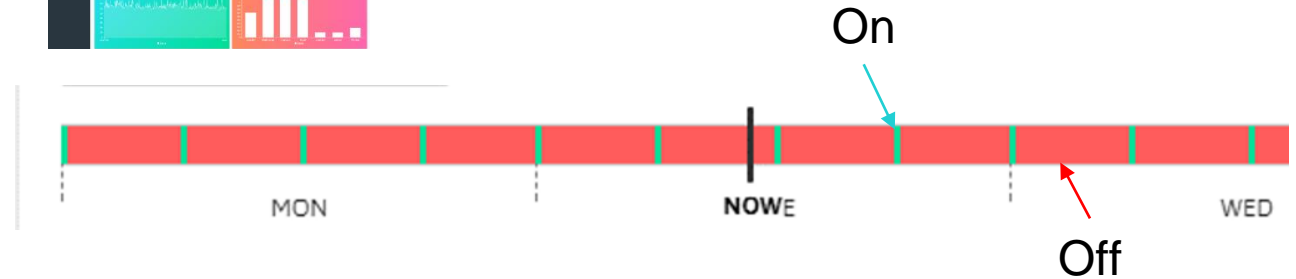
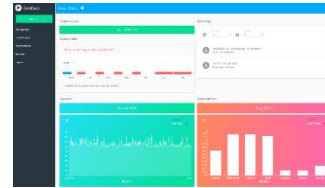


Saved 38% with simple time-switch automation

1. Install wireless controls



2. Set rule: "on for 15 mins every 4 hours"



3. Reap savings: 38%

Route to Market: indirect



SaaS toolkit for energy consultants, Demand Response aggregators and utilities

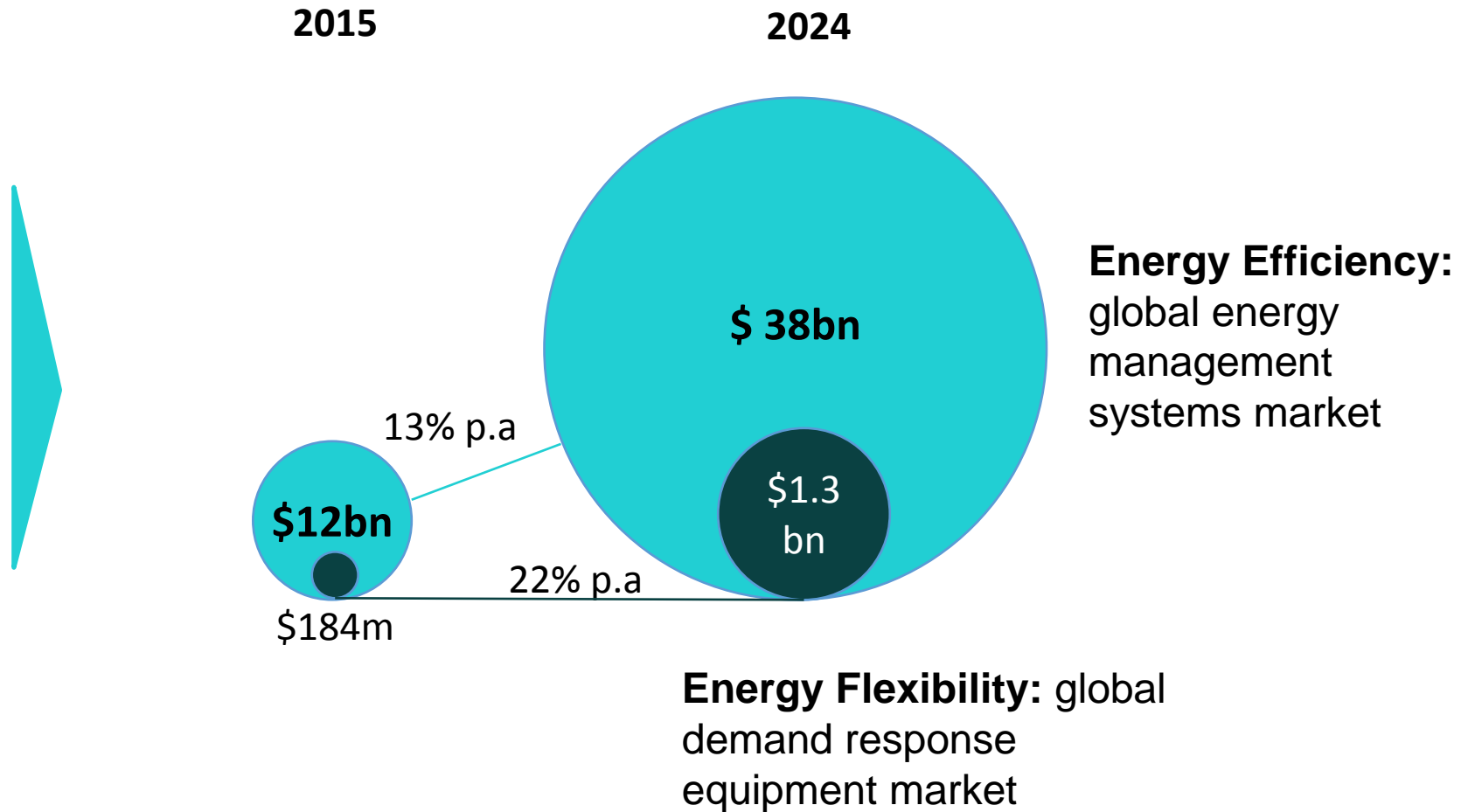
Energy Consultants

Facility Managers

Demand Response aggregators

Manufacturers

Energy suppliers



Team



Gregor Hoefter, CEO

- Was at T-Mobile (Smart Home pack), Vodafone, Blackberry.
- Worked in product development, e-commerce and in finance
- BA University College London, Pisa University, MBA Insead



Richard Tolley, CTO

- Wirewax (video AI), Gigbloc (live music app), Ocado
- MMath, Durham University (dissertation on machine learning)



Alex Jefferies, CPO

- Wirewax, Gigbloc, UTC Hub (edu tech)
- BA Music Technology, West London University



Nick Butlin, Non-Exec Advisor

- CEO Viriya Energy, an energy system consulting firm
- Was CTO Tempus Energy, COO Kiwi Power
- MEng Nottingham University

Status & Fundraise



Need £500k to support launch. £300k approved for SEIS/EIS. Small group of angels assembled

Status: ready for launch

- Passed security test (ethical hacker)
- Patent application in progress

Demonstrator trials

- **Retail:** Fuel station and car showroom
- **Hotel:** Energy efficiency
- **Industry:** Pressured gas
- **Residential:** electric radiators & air con

Fund Raise: to support launch

- additional developer, 18 months run-way
- So far £300k grants, £120k founder

Turning trials and sales pipeline into sales

- 5 evaluation kits sent out & activated
- First invoice paid in May



Thank you

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Cloud based energy automation