

measurable.energy

The measurable.energy Platform

Dr Dan Williams – CEO and Co-Founder

20th November 2023

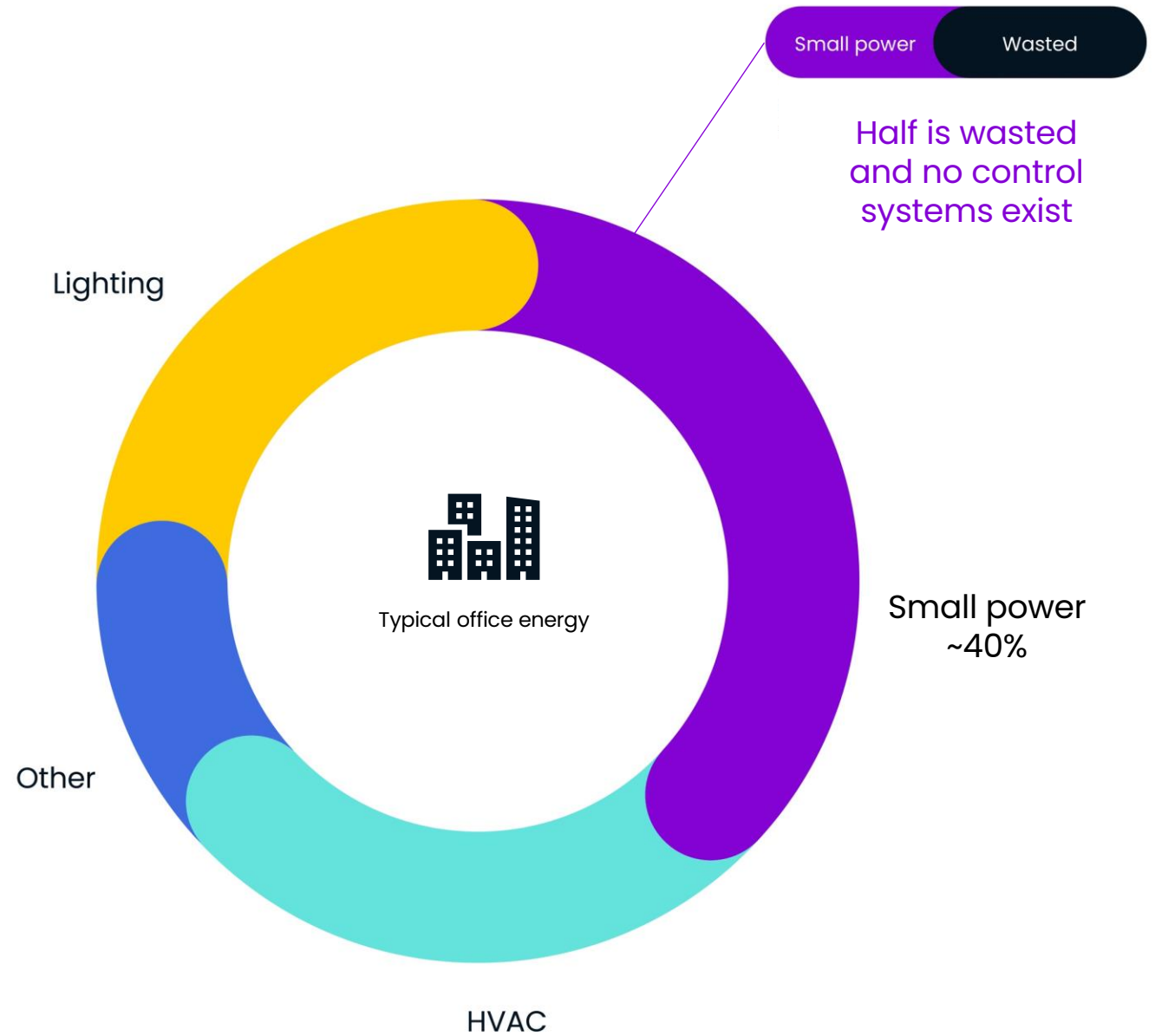
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Small power isn't small

Small power is the electricity used by equipment like monitors, printers, TVs and hot water taps through plug sockets and fused spurs.



m.e Platform

Automatic machine learning-driven identification of small power energy waste and more.

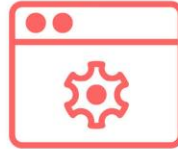
Power socket

A new standard for power sockets with edge-based Machine Learning



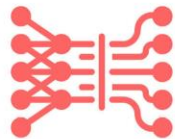
Cloud

Secure, cloud based infrastructure



Machine Learning

To identify waste and anomalies



SP data

Unique energy insights



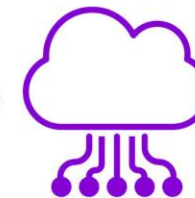
Software UI

Analytics, goal setting, and automated control to fleets of Sockets

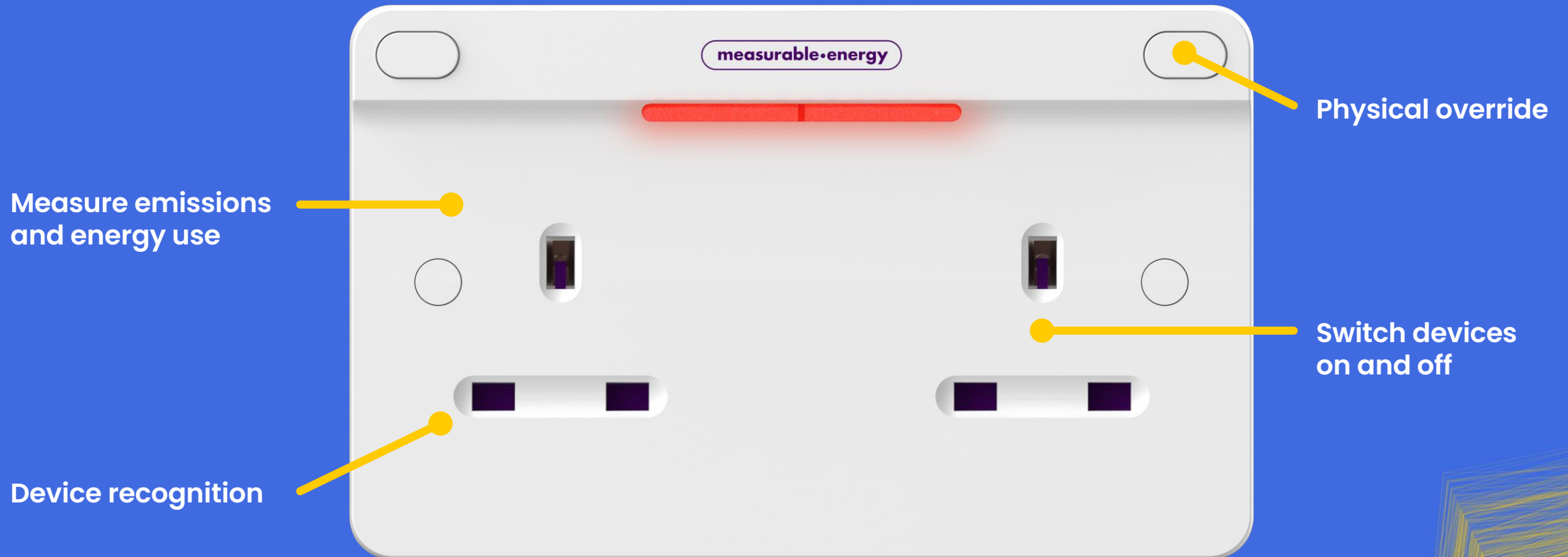


m.e API

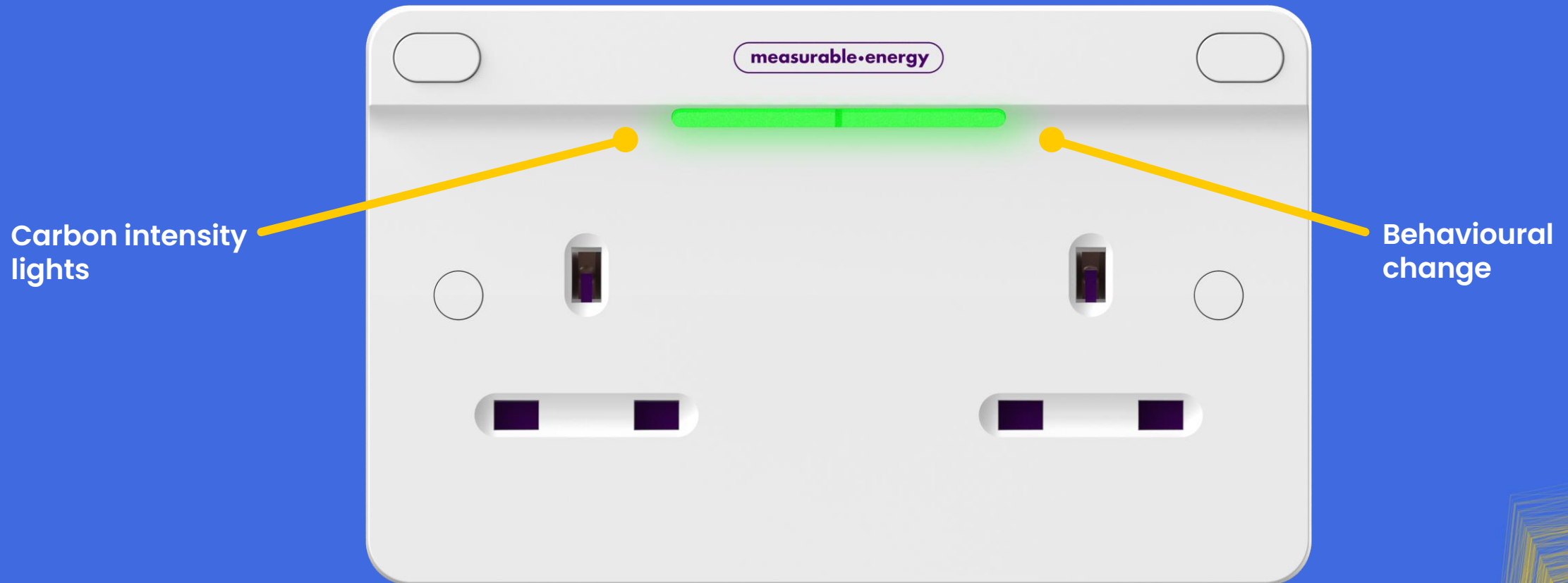
Data and control to external systems



AI Enabled Power Sockets



AI Enabled Power Sockets

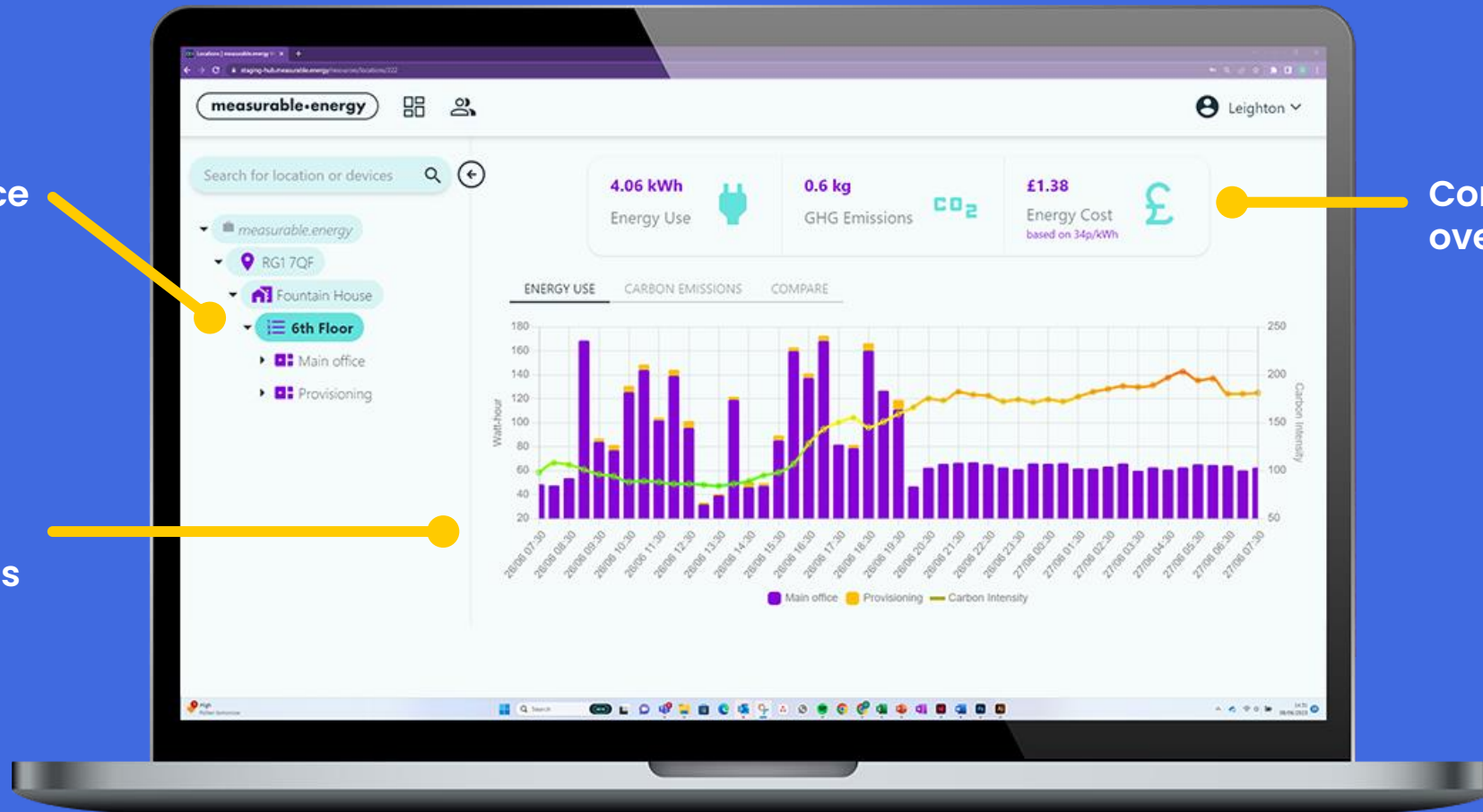


Access real-time data

Socket and device identification

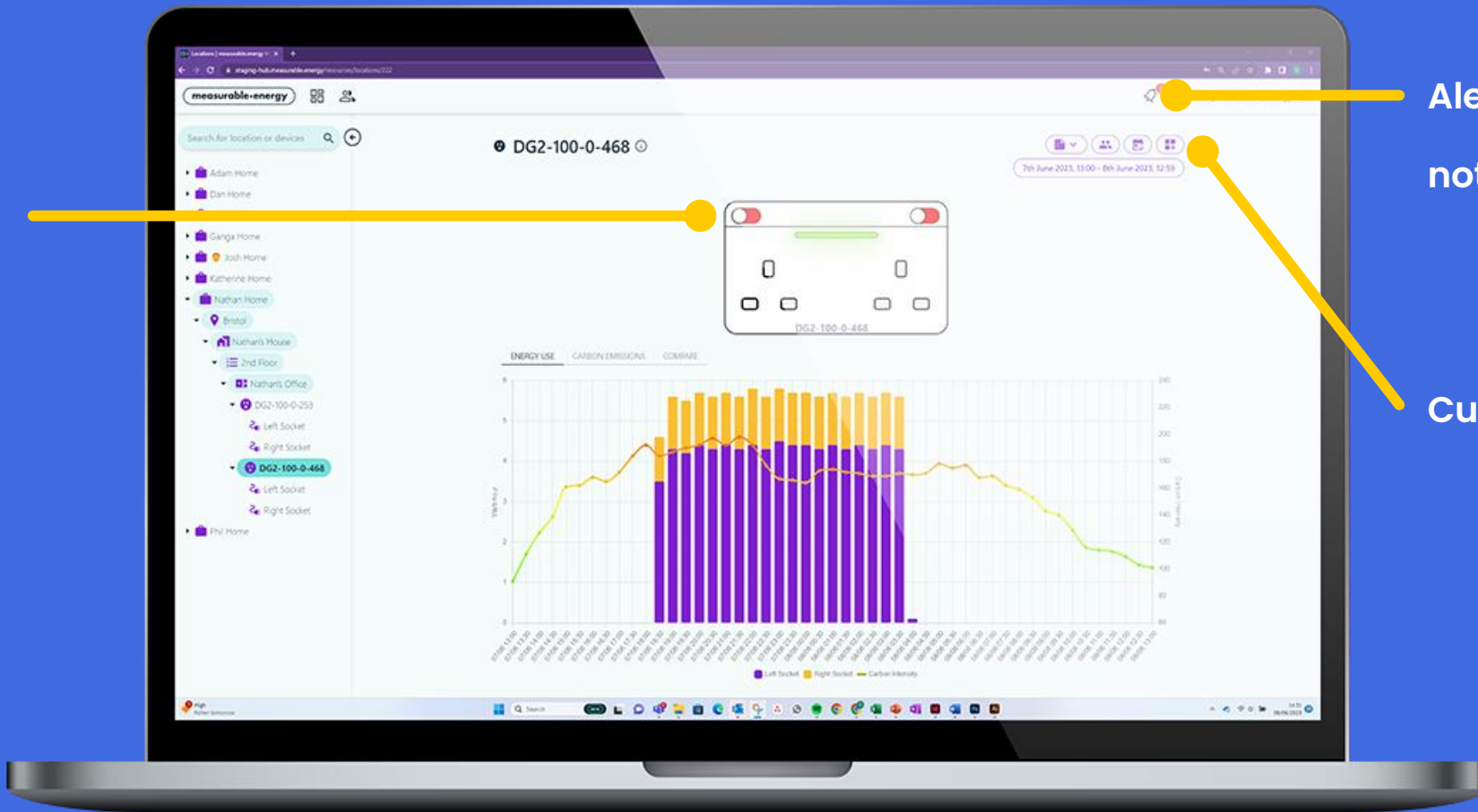
Energy and CO2 emissions reports

Consumption overview



Access real-time data

Remote device control



Alerts and notifications

Custom rulesets

When it doesn't cost the Earth

CapEx



Sockets

~£25 upfront



Dashboard

~£1.70 per month per device

OpEx



Sockets and dashboard

~£2.30 Monthly subscription



Service charges

Socket setup and commissioning

Project management and data analysis

Electrician hire

Wi-Fi router

Savings made simple

10,000 sockets

Energy Reduction

811,000 kWh

Electricity Cost Reduction

£160k-£400k

Carbon Emissions Reduction

150-190 t

Reporting Savings

£120k+

10-60% savings

**13-month
typical payback**

m.e Showcase Customers



Success stories

PUBLIC

33% reduction
in energy waste



42% reduction
in CO2 emissions



59% reduction
in energy waste

Next funding round – closing October 2024

- Continue to grow the UK market
- Establish a European mainland presence (pilots in early 2024)
- Develop a Japanese/North American (NEMA) version of the socket and plan to enter markets
- Develop “m.e Inside, using m.e technology in other devices”

Full details available in January 2024





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measurable•energy

Simple, cost-effective and scalable

Minimise your carbon emissions and reduce your electricity costs by at least 20%.

Learn more

-  www.measurable.energy
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 **eliminating wasted energy in buildings**