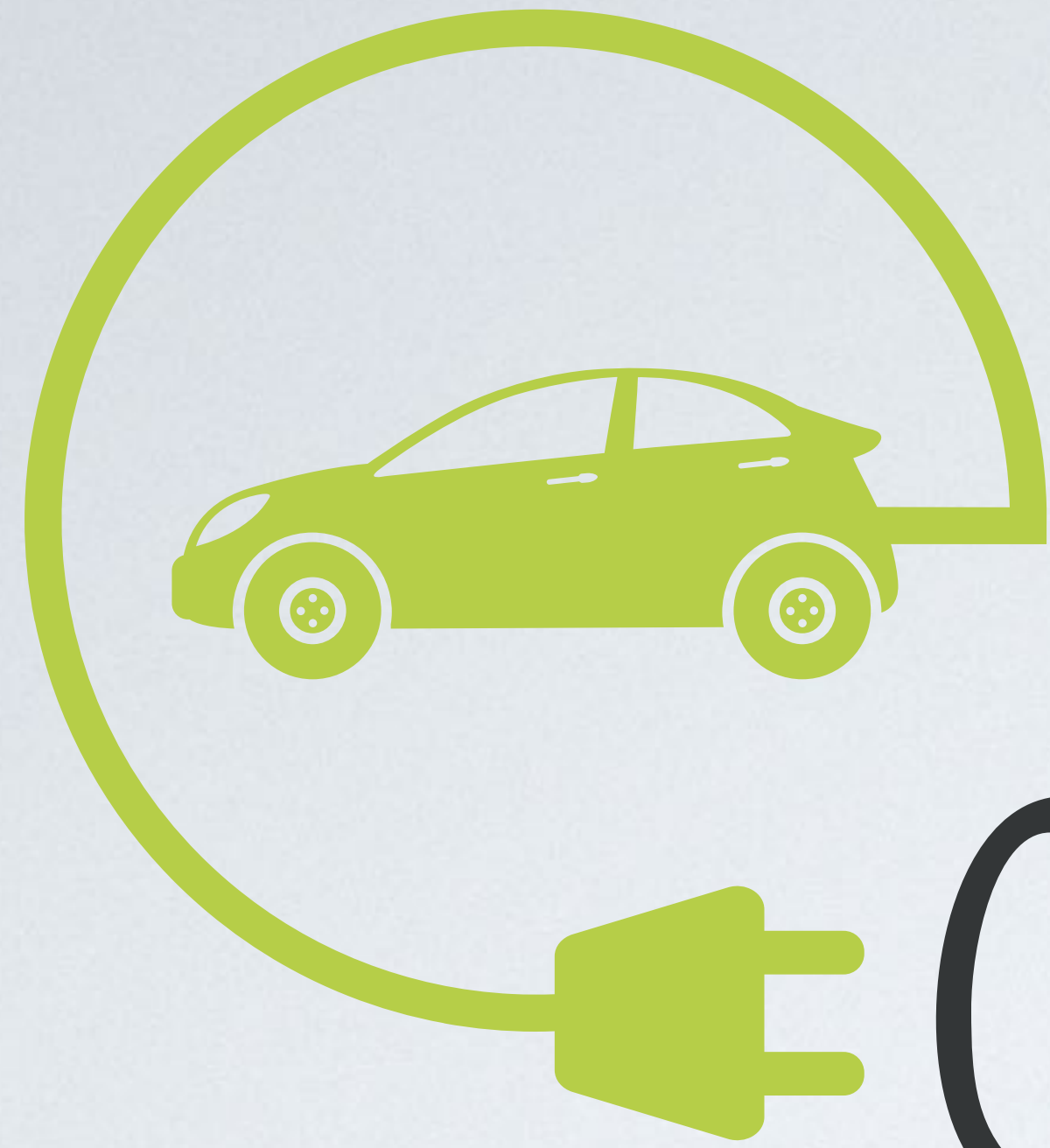




# CHARGE WHILE YOU SLEEP

CHARGE MY STREET'S SOLUTION  
FOR THE OVERNIGHT HOSPITALITY SECTOR





CHARGE MY STREET

LEADING THE CHARGE



**Charge My Street** is a community benefit society set up in Lancaster in 2018 by four local people who didn't have driveways, but wanted to make the change to driving an EV. At the time there were no plans to develop on-street charging, so they sought out off-street locations that could be used. Starting off with four pilot sites, we are now coming to the end of an Innovate UK-funded project that will leave us with 50+ public sites across the NW

To qualify for this project, parking had to be publicly accessible, and the site had to be close to housing without off-street parking. This precluded many sites who approached us, particularly those in overnight hospitality where parking has to be for guests only. However, we didn't want this enthusiasm to go to waste, and as providing charging facilities for tourists is also part of driving the conversion to EVs, we came up with **Charge While You Sleep**.





Your guests wouldn't expect you to pay for their fuel while staying with you, nor to get them to their next destination. It's just not viable for a business running on tight margins, and this is especially true now, electricity prices are rocketing, with new commercial standard tariffs up around 30p / kWh.

- Tesla Model 3 has a 57kWh battery - could be £17 to 'fill up'

Even with the government's grant for chargers, it's still quite an outlay, along with the ongoing running costs and these costs need to be met. However, as an accommodation provider you don't want to be seen to be exploiting your guests, so we believe you can achieve the desired outcome by having a community benefit society as your charging network provider – **Charge My Street**.



# 3 potential options for hosting a chargepoint?

---

1. Install and manage yourself
2. Approach a commercial player in the market
3. Go for a community-based model



# How long does it take to charge a car?

The car determines the rate of charge in kW

The size of the car battery is measured in kWh

Charging is either  
AC (slow - fast)  
or  
DC Rapid







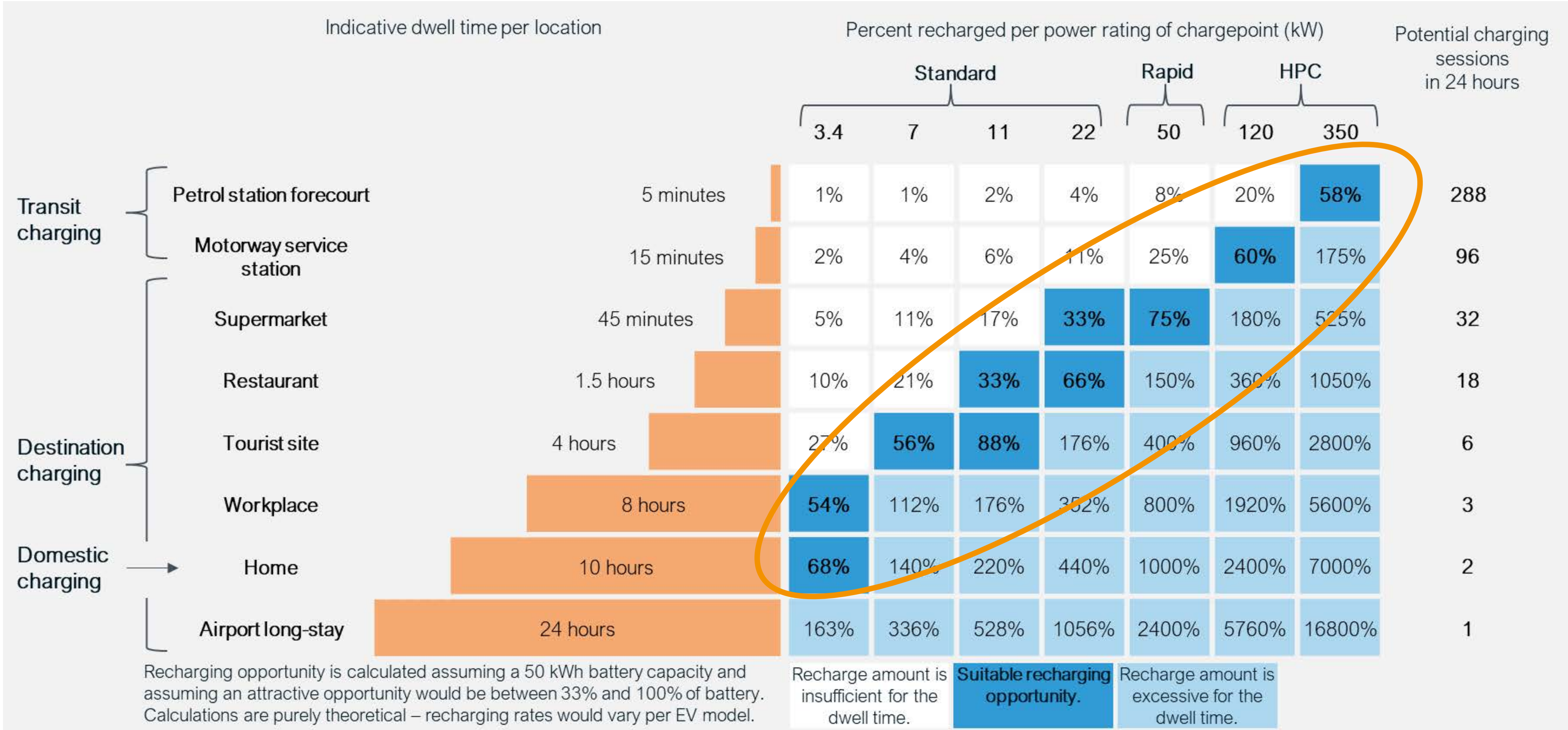


Single phase charging - max 7kW



# Convenience drives success in EV

Charging infrastructure must fit to the lifestyle of the customer





## To be viable your site must have:

1. A suitable building supply, which must be close to the parking bay

depends on type of supply and existing load on building, but as a general rule, a 7kW charger running predominantly overnight will not cause problems. Charge My Street will reimburse you for all electricity used at the chargepoint.

2. Broadband

ideally a wired internet connection, close to the charger, but using WIFI 'may' be possible.



## **Guest payment options:**

- via the Fuuse or other compatible apps
- using an RFID card supplied to the host

## **Host management options:**

- fully managed by Charge My Street - possible if guests use an app
- host dashboard login, allowing charges to be added to room bills when RFID card(s) used





Available to authorised car park users only



## PLUG IN

Plug your cable into the socket, then into your car.



## USE THE APP

Open the **Fuuse** app\* from Charge My Street and scan the QR code to start the charge session



## DRIVE

Use the app to stop your charge session, unplug and you're off!

\*Download the app from [www.chargemystreet.co.uk](http://www.chargemystreet.co.uk)

Managed by  
Charge My Street **01524 881227**  
hello@chargemystreet.co.uk

## Advantages of guests using an app to charge:

Fuuse app can be used across our network, and on other networks we have roaming agreements with

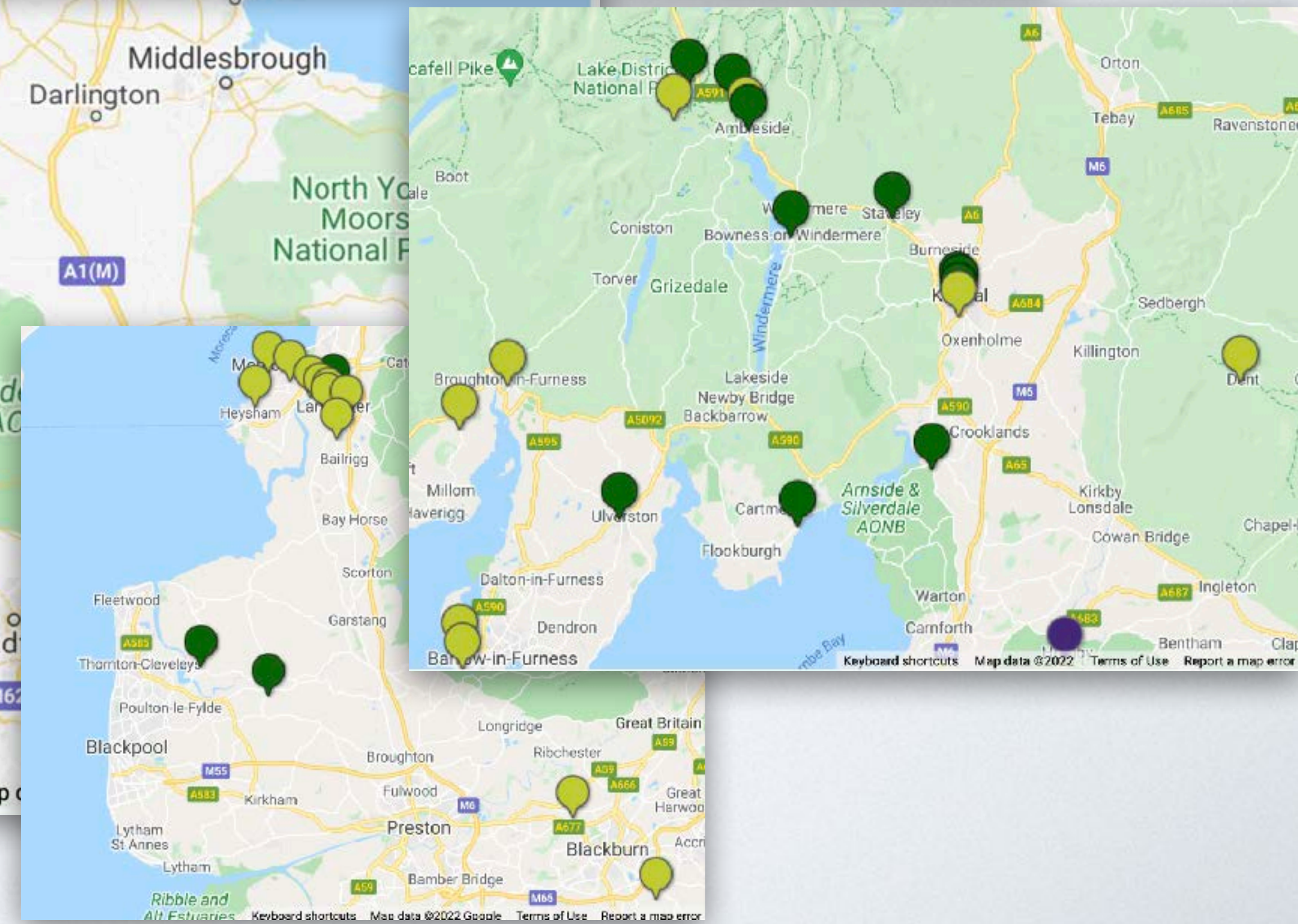
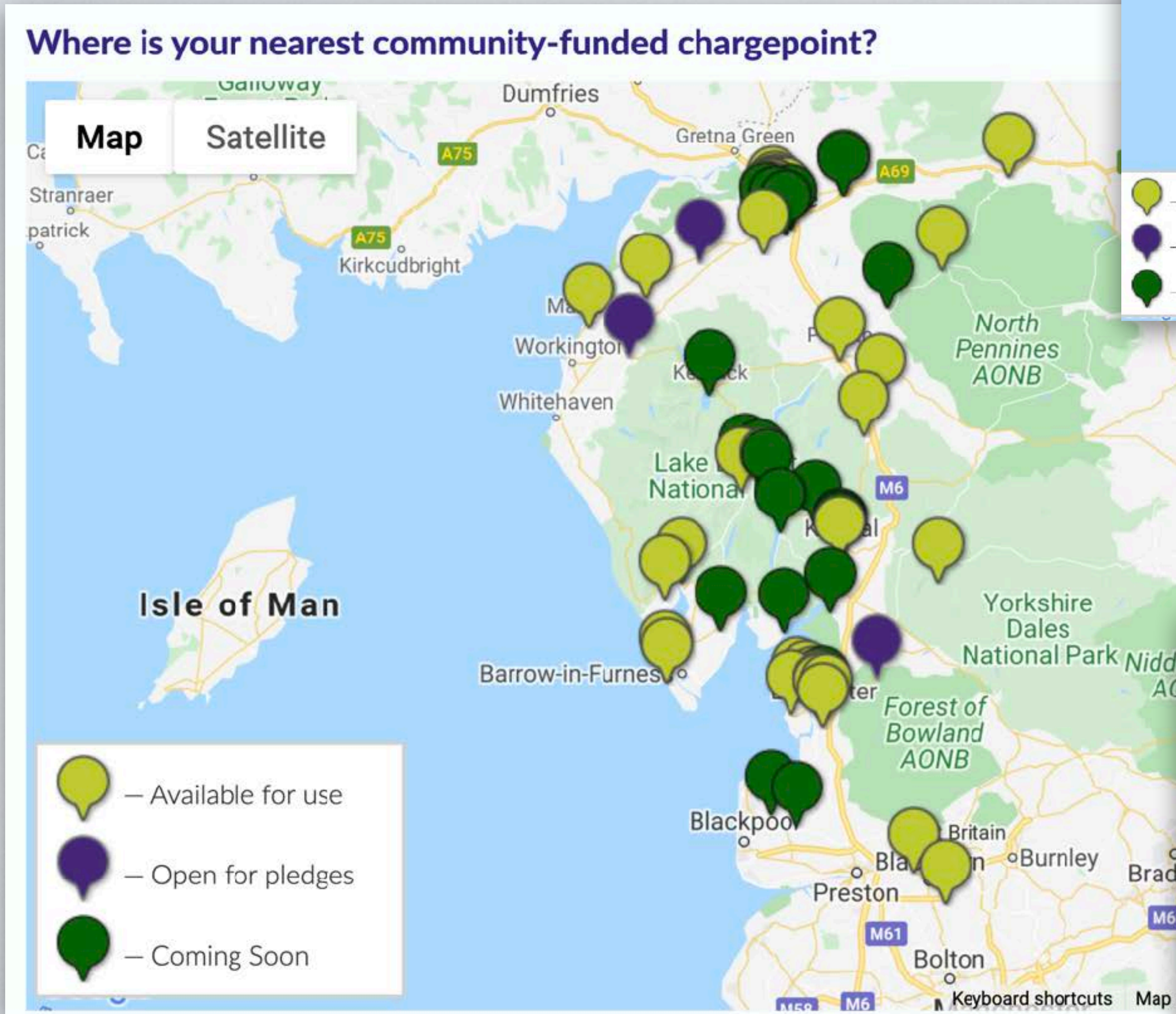
ZapPay and Paua users can charge without needing a separate app

Octopus Electric Juice customers can pay for their charge through their domestic bill

**RFID card will be supplied as backup!**




# Our current network





# Host dashboard



Dashboard

Network

**Charging log**

Drivers

Maintenance

Organisation

Support

Account

Sign-out

Ady (Haven Cottage, Ambleside)

Fuuse → Charging log

## Charging log

DOWNLOAD REPORT

Search by Date or Driver / Vehicle...

All Site All EVSE All Session status All

Date	Driver / Vehicle	Site	EVSE	Charge Delivered	Session status	Total amount
26.11.2021, 16:40	704C1989	Haven Cottage	ROL0763	2.30kWh	Complete	£ 0.00 <a href="#">SEE DETAILS</a>
29.10.2021, 17:01	704C1989	Haven Cottage	ROL0763	46.50kWh	Complete	£ 0.00 <a href="#">SEE DETAILS</a>

Items per page 10

1



# How is the electricity paid for?

---

**Fully-managed option:** Charge My Street reimburses the host at their standard rate for all electricity used each quarter (monthly if there is high usage)

Example: 200 kWh - (supply rate is 29.5p/kWh) Charge My Street owe host £59

**Host-managed option:** Host charges guests the agreed amount (our standard rate is 40p/kWh), then quarterly pays this to Charge My Street, less the cost of electricity

Example: 200 kWh - (supply rate is 29.5p/kWh) Host has collected £80, electricity cost is £59, host owes Charge My Street £21



# Other options for hosting a chargepoint?

---

## Install and manage yourself:

OZEV grant of £350 per socket available through the workplace charging scheme

Ballpark £800 for a commercial socket, but you then need software to administer users, and you have to manage and maintain the system



# Other questions

---

**Where is the money for installation coming from?**

Community shares, low carbon funding from LAs and regional organisations

**Is one socket enough?**

For now, probably, plus there are DNO considerations





# CHARGE WHILE YOU SLEEP

CHARGE MY STREET'S SOLUTION  
FOR THE OVERNIGHT HOSPITALITY SECTOR