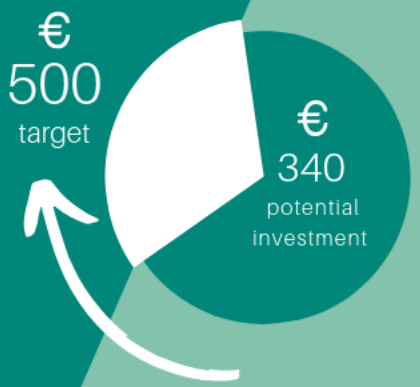
Sharing Cities:
Building smart cities together



SHARINGCITIES

People

1,700+
users on digital social markets

Platform

3
City-wide open data platforms

3
City-wide sustainable energy management systems

Place

1,700
planned eBikes

580
eBikes operational

2,400
smart lampposts upgraded with sensors & LED lights

167
e-logistics vehicles

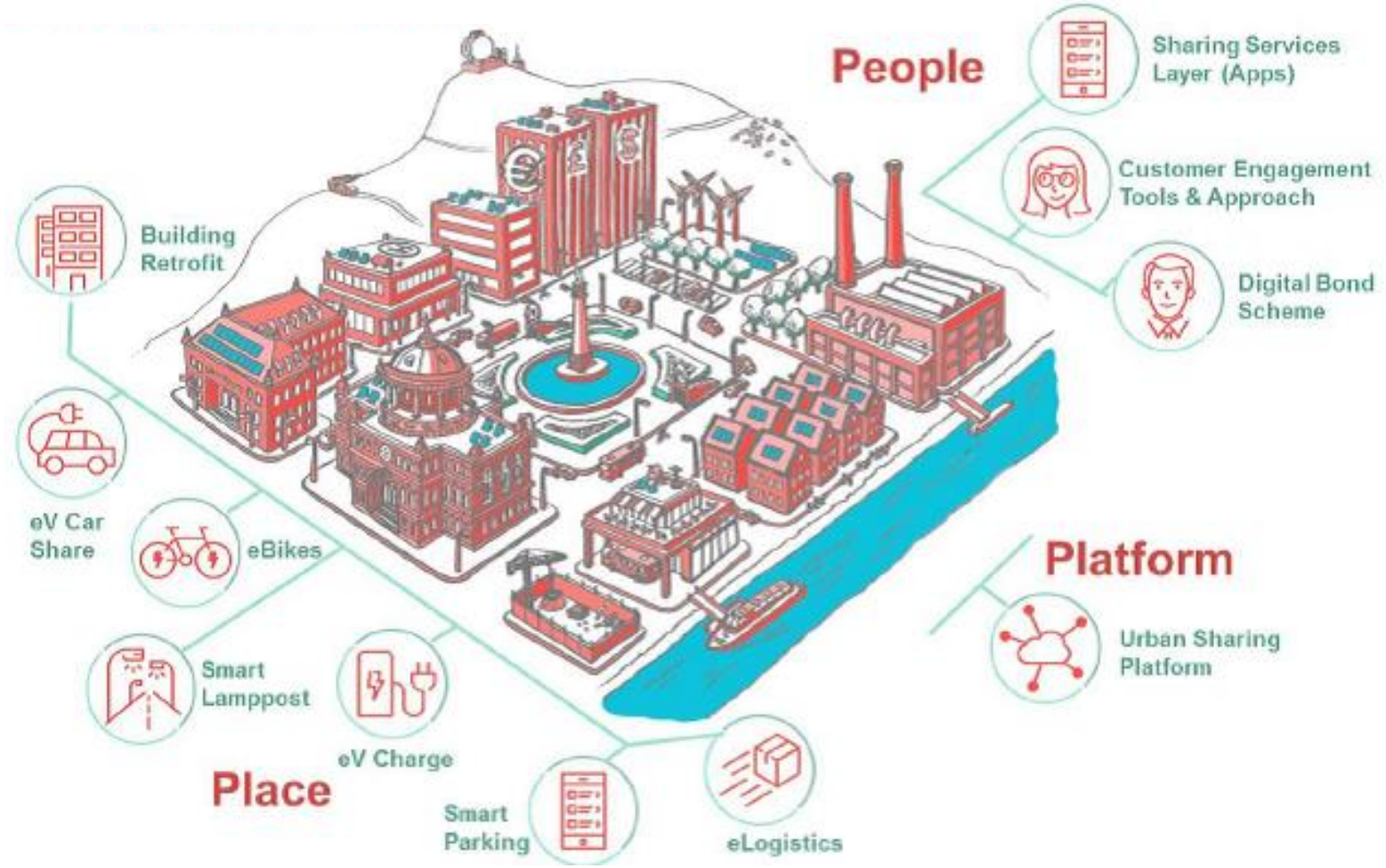
253
e-cars

299
e-charge points

5,614,780
kWh per year reduction in energy in 3 cities

Building resilience through smart technology

- The technological innovations and approaches from Smart Cities can help us make cities more resilient, through:
  - Evidence based decisions using data insights
  - Digital tools to support and maintain connection among communities
  - Low carbon technology to help mitigate the impact on climate change, reduce our footprint, optimise the way we use our resources (energy, water, food)



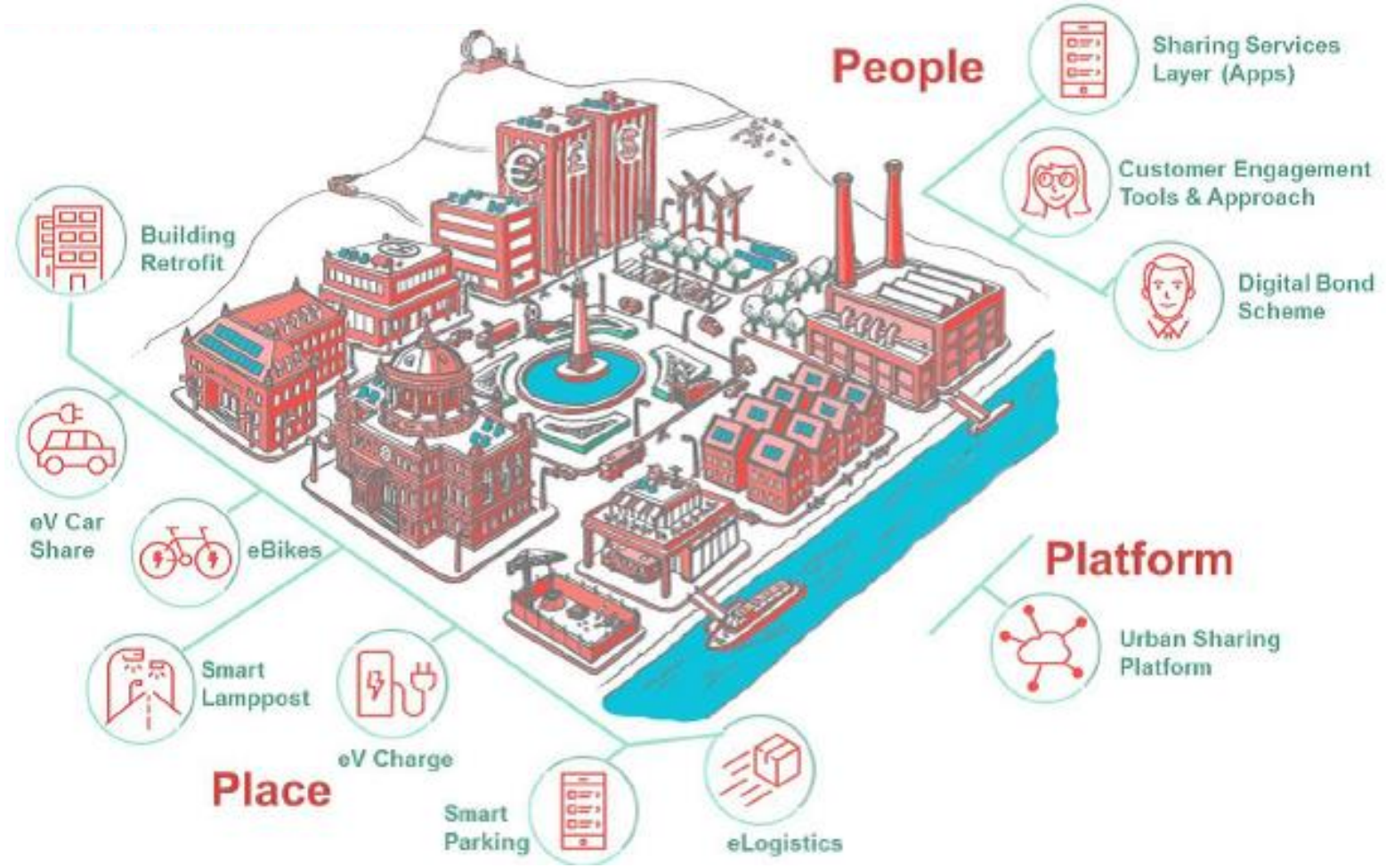
Putting a recovery lens on Sharing Cities measures

Digital Engagement and behaviour change – the Digital Social Market

Street sensors – Smart lampposts, air quality and parking sensors

Energy efficiency - building retrofits and sustainable energy management systems

Digital districts – smart local neighborhoods



SHARINGMI

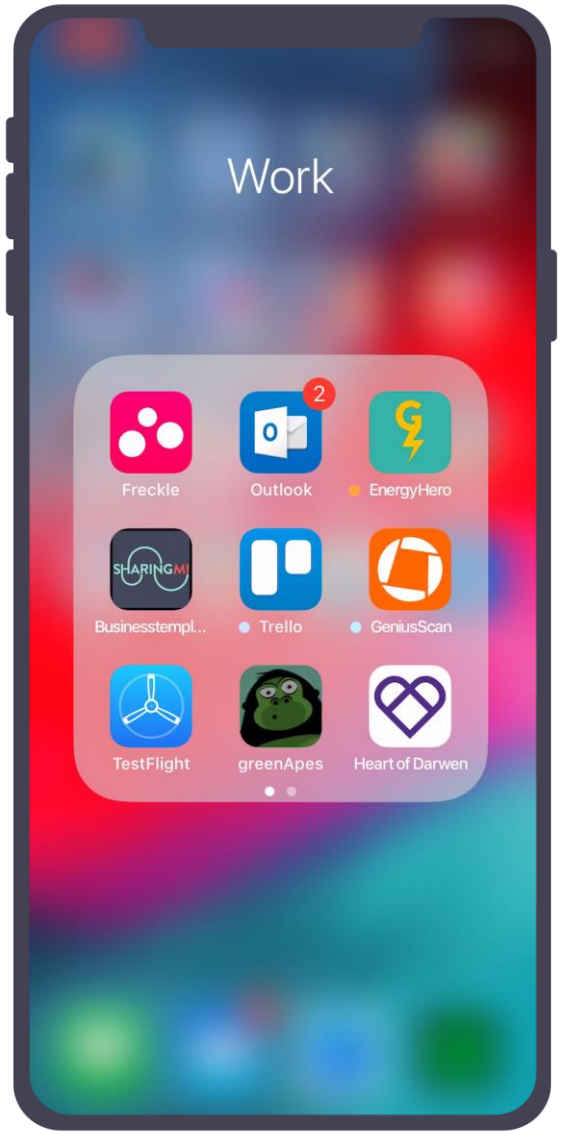
1,760 users signed up

Over **5,490** stories have been shared

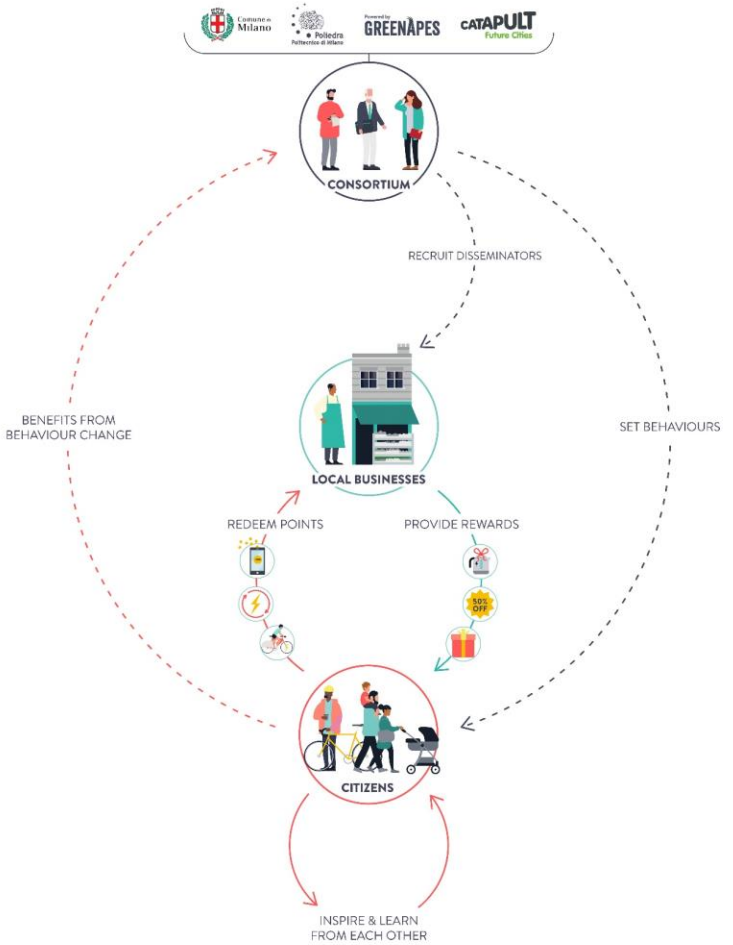
Over **23,400** claps were sent

70+ rewards claimed so far

SharingMi Platform:



DSM Framework:



SharingMi promotes solutions for more sustainable lifestyles by rewarding the citizens of Milan for their positive actions that contribute to improving the city.

Localisation

SharingMi **convenes an online community** of users passionate about **city-wide sustainability-focused issues**. It **incentivises and rewards** users for sharing stories and **participating in city challenges**.

Onboarding

The team has co-defined a comprehensive service and onboarding proposition for SharingMi which includes a suite of printed and digital **brand assets**, a VIP **testing group**, a **social media strategy**, organisation and participation in promotional and **launch events**, **recruitment of local businesses**.

Maintenance

The team has sought to establish a long-lasting community which **reinforces the benefits of sustainable behaviours**, applies **gamification** through user challenges, **peer-to-peer knowledge exchange**, promotion and **support of city policies and events** such sustainability week, design week, plastic reduction and mobility week - the platform animates citizens via a **group moderator** who spreads up-to-date news.

Business Model & Governance

SharingMi is led by Poliedra and the Municipality of Milan, with the subcontracting of the technical components (the platform) to greenApes / NEU and the support of local WP2 partners and Future Cities Catapult.

Consortium Partners

SharingMi is led by Poliedra – Politecnico di Milano, powered by greenApes and supported by Future Cities Catapult, NEU and the Municipality of Milan.

Stakeholders

The Municipality of Milan, Citizens & Citizen Interest Groups, Local and Online Businesses and Corporate Partners.

Target Audience

Citizens of Milan and local businesses that promote sustainable goods and services.

Finding New Purpose During COVID-19

SharingMi resta a casa

La community di SharingMi resta a casa e ci racconta queste eco-settimane grazie a una nuova sfida!

Leggi di più

SharingMi resta a casa con Legambiente

SharingMi resta a casa in compagnia di un amico speciale: il nuovo utente LegambienteMi!

8/4/20

Leggi di più

Optimizing Energy Systems at scale

COVID-19 has transformed the way we use our buildings – commercial, public, and residential.

Building retrofit

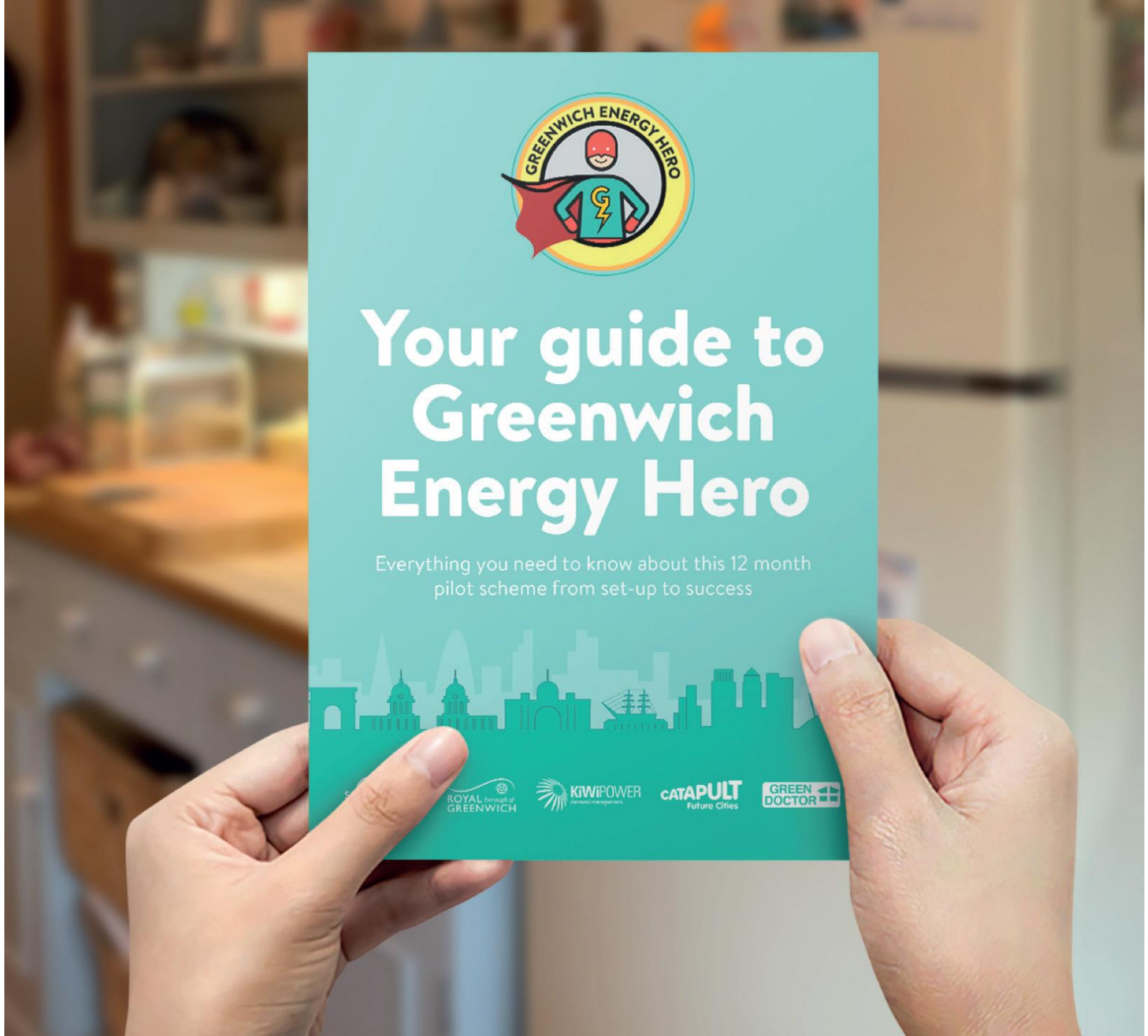
Install energy efficient measures in existing public, social and private building stock. This can link to other solutions like the integrated energy management system to optimise energy performance.

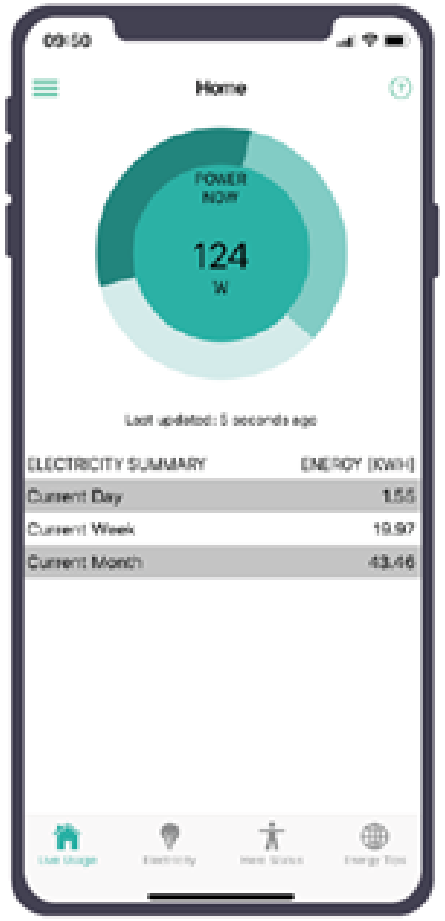
Digital Community Engagement

Shift perceptions and change behaviours towards sustainable smart city services through rewards in exchange for continued and improved citizen engagement.

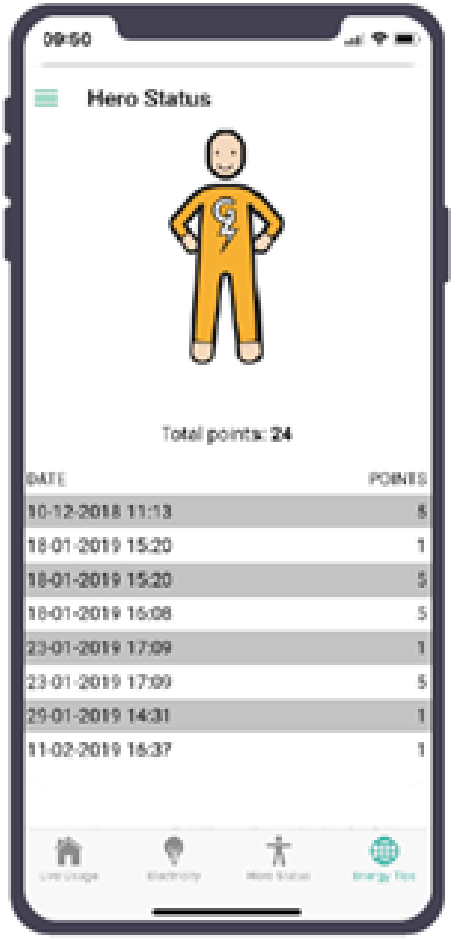
Sustainable energy management systems

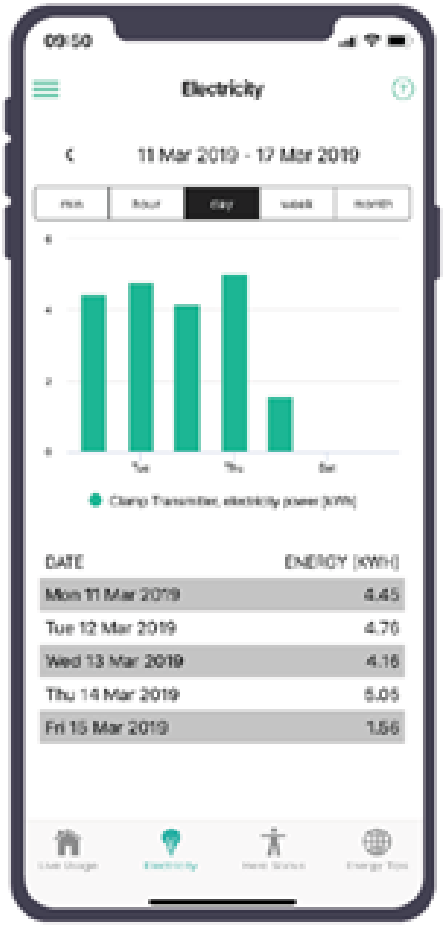
An advanced controls system and interface that integrates and optimises performance of energy assets in a district to support sustainable energy management.


GREENWICH ENERGY HERO
Your guide to Greenwich Energy Hero
Everything you need to know about this 12 month pilot scheme from set-up to success
ROYAL borough of GREENWICH
KiWiPOWER
CATAPULT Future Cities
GREEN DOCTOR


09:50
Home
POWER NOW
124
W
Last updated: 5 seconds ago
ELECTRICITY SUMMARY
ENERGY [KWH]
Current Day
1.55
Current Week
19.97
Current Month
43.46

09:50
Energy Tips
Smart plug sockets could help you save!
Don't boil a full kettle if you don't need to
It pays to upgrade!
Get your feather duster out!


09:50
Hero Status
Total points: 24
DATE
POINTS
10-12-2018 11:13
5
18-01-2019 15:20
1
18-01-2019 15:20
5
18-01-2019 15:08
5
23-01-2019 17:09
1
23-01-2019 17:09
5
29-01-2019 14:31
1
11-02-2019 15:37
1


09:50
Electricity
11 Mar 2019 - 17 Mar 2019
min
hour
day
week
month
Clamp Transmitter, electricity power [kWh]
DATE
ENERGY [KWH]
Mon 11 Mar 2019
6.45
Tue 12 Mar 2019
4.70
Wed 13 Mar 2019
4.16
Thu 14 Mar 2019
6.05
Fri 15 Mar 2019
1.56