Innovative Collaboration

Working with our local authorities

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About UK Power Networks

Distribution Network Operator responsible for maintaining the electricity network across London, the South East and East of England.

Tasked with leveraging technology and data to facilitate the transition to Net Zero.
More than 80% of Local Authorities in the UK have declared a climate emergency, with most targeting Net Zero before 2050.
WELCOME TO
Your local energy future!
Where modern technology enables benefits for all
Where to start?

- Changing Landscape of Net Zero
- Diversity of Customer Perspectives
- Focus on Individuals not just Organisations
Design Thinking Approach

- Engagement
- Validation
- Experimentation
- Iteration

Customer
Experimentation

- Feature Stub
- Forum Analysis
- Paper Prototyping
- Customer Journey Mapping
- Search Trends
- Wizard of Oz
- Surveys
- Five Whys
- Mindmapping
- Storyboarding
- A Day In The Life
- Card Sorting
- Moderated Testing
- Customer Interviews
- Rapid Prototyping
- Support Analysis
- Empathy Maps
- Expert Interviews
- Post It Voting
Product Experimentation

Customer Journey Mapping

Rapid Prototyping

Card Sorting
Findings and Insights

Engage in ways that fit your customers

Data is about communication as much as analysis

Don’t lock your users into features they don’t need
The story so far - Beta

**Map**
Visualise and layer a wide range of useful data sets

**Projects**
Model the impact of low carbon technologies at street and building level

**Scenarios**
Explore potential routes to decarbonisation over time

**Consultations**
Engage stakeholders by sharing scenarios and data stories

**Distributed Future Energy Scenarios (DFES)**
Compare your plans against our energy forecasts

**Guidance & Live Chat**
A variety of resources for guidance, use cases, training and support

**Progress Tracker**
Track progress and health of each stage of a Local Area Energy Plan (LAEP)

**Data Stories**
Share data insights using narratives and visualisations
Key Outcomes

- Access to resources and expertise
- Access to data
- Tools for analysis and spatial mapping

Key Needs

- Local Authorities have access to guidance and expertise
- 160 datasets identified, 56 implemented
- Software in Beta
- 62 Local Authorities participating in the Beta so far

Project CLEO
Come and find out more…

Interested in what you have heard and want to know more?

See us on the UK Power Networks stand.