**Future Now Empowered**

*a community owned, ultra low cost, clean energy and water efficiency project*

# Community Energy Project Briefing – Autumn 2025

## EXECUTIVE SUMMARY

Like many, we see the challenges of building a **green, fair, and scalable energy future**. The problem of rising bills for dirty energy burden communities and there are opportunities to help grant funders deliver scalable projects and policymakers meet net zero by 2050. As an **innovation & growth company**, **Future Now Partners** proposes to brings together: technology, community will, and funding in a cohesive, scalable way.

**Our solution** starts with our our social enterprise spin-out, **Future Now Empowered** which  is designed to form **Community Energy Clusters** (CEC) of 200 - 500 houses to combine Solar (PV), shared batteries, energy management systems and transparent governance. This size of CEC allows access to grants that individuals are not able to get, economies of scale that make it economically easier and many other advantages that happen when a community come together to create **a self-reinforcing cycle of impact.**

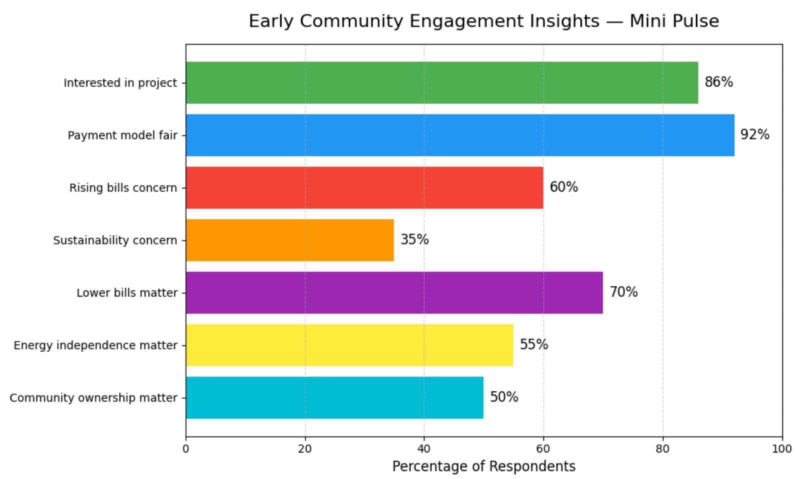
Early engagement shows **strong traction**: a survey of 50 residents, across two London Boroughs, found **86% interested** in joining a cluster, emphasising fairness, transparency, and sustainability. Installation costs are expected to be under **£10,000  per home** with annual savings of over **£1,000** and by reducing grid reliance to ~10% payback time could be as short at 5-6 years as well as drastic CO2 emission saving.

**Action Loop:** Community → Funders → Tech Partners → Proof  → Scale

Why **"Empowered"**? It's not just about energy and power; it's about sparking the right movement to make real change and delivering true empowerment. This briefing highlights where funders and technology partners can actively support the first clusters — helping launch community ambition into measurable impact and scale.

## AUTUMN 2025 COMMUNITY ENGAGEMENT RESULTS

Our current community engagement, with over 50 residents surveyed door-to-door and online, shows clear momentum for a fair, reliable, ultra low cost community-owned energy system. The survey covered: residents' biggest concerns, interest in a community owned system to cut bills by 80–90%, fairness of our payment model, key benefits and any potential downsides of the project. The results were: 86.3% want to know more about the scheme. 80.4% think the payment model is fair (and 0% rejected it). **70.6% gave emails — a strong sign of seriousness & trust.** Responses highlight rising bills and sustainability as top priorities, strong enthusiasm for energy independence and local impact, and a demand for transparent management, reliable maintenance, and a system that works for all households — demonstrating early traction and a ready-to-act community mandate for change.



## REAL COMMUNITY VOICES

### Excitement & Positivity

- "Sounds incredibly attractive" – Morgan, Haringey
- "Why would you refuse – finally a door to door that makes you feel positive" – John, Haringey
- "Love ideas like this" – Aine, Islington
- "Looking forward to it happening! Will put on local WhatsApp groups" – Helena, Islington

### Concerns & Questions

- "Would it work.. we don't have that much sun in the UK" – Lilly, Haringey
- "How would houses be paying for a pub which has a massive bill compared to a local house?" – Publican, Islington

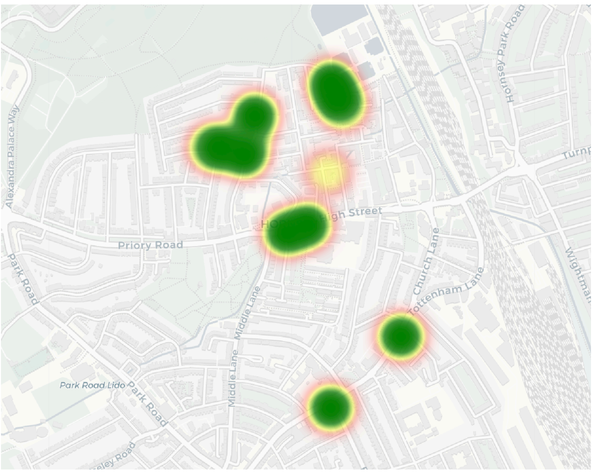
### Urgency & Need

- "Paying £1000 per month for bills so really want change" – Chanica, Islington
- "We need something to sustain us" – Nadine, Islington
- "Great for future generations" – Margarita, Islington

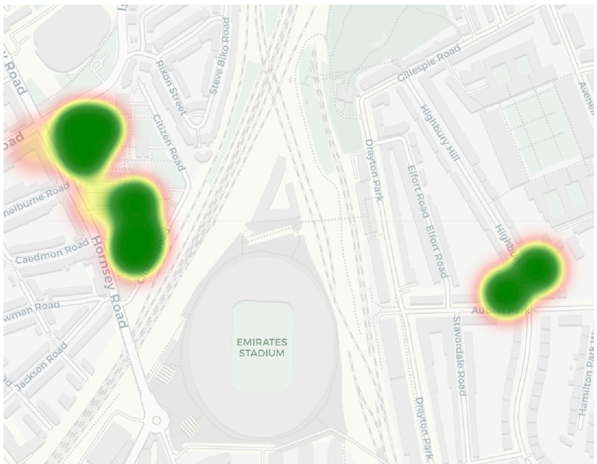
### Engagement & Ownership

- "Really engaged – wants to know much more – drill down into the figures" – Steve, Haringey
- "Are you going to change the world?" – Alex, Haringey
- "You're doing a good thing. Sign me up. I want a job with the company" – Craig, Haringey
- "Will put in local WhatsApp group" – Kate, Haringey

## THE COMMUNITY'S HOMES




**HARINGEY**




**ISLINGTON**

***"Early engagement shows strong, consistent support across homes, flats, high-rises, and local businesses — a clear signal of community momentum and mandate."***

The heat maps show early engagement across Haringey and Islington. In Haringey, the data covers council-owned terraced houses and privately-owned homes, while Islington includes low-rise flats, high-rise council blocks, and small businesses are included in both areas. Green indicates strong support.

Across all locations and property types, residents and business owners consistently expressed strong interest in a fair, community-owned energy system, shared concerns about rising bills and sustainability, and highlighted the need for transparent management and reliable maintenance. The consistency and breadth of these responses signal not just interest, but an emerging community mandate — demonstrating early traction and momentum for the project that funders and partners can immediately support and scale.

## HOW THE SYSTEM WORKS

**Clustered Energy Planning**

Homes and flats are grouped into a local energy cluster /grid to pool demand and optimise generation.

**Smart PV & Battery Deployment**

PV panels cover daytime load while community and optional small house batteries store excess for evening and night use.

**EMS-Controlled Dispatch**

An Energy Management System automatically balances PV, battery, and grid use to minimise costs and maximise self-sufficiency, including seasonal adjustments.

**Shared, Flexible Benefits**

Communities enjoy lower bills, reliable clean energy, and the ability to support peak loads or EV charging, with transparent community ownership and reinvestment for scaling.

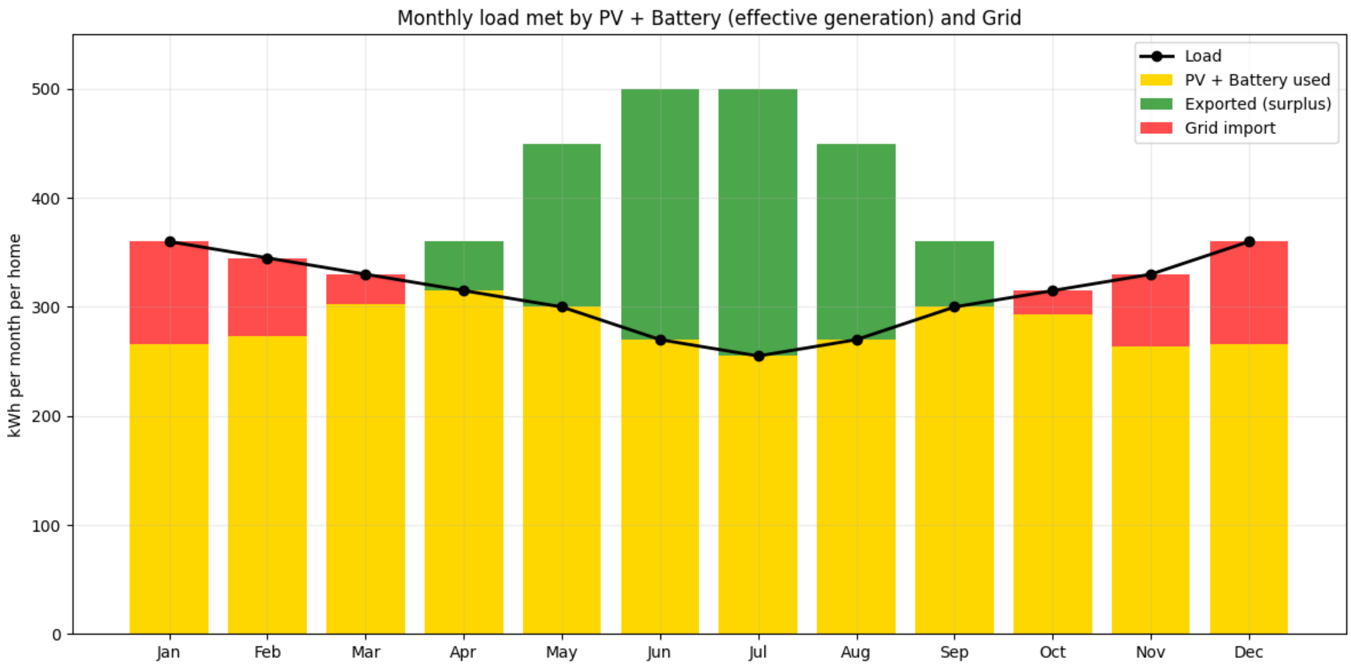



**Figure: Resources vs Load**

This chart shows how the community's energy resources meet the monthly load (black line) per home over a full year. The stacked bars represent effective generation from PV and shared batteries (gold), any surplus is exported to the grid (green), and where PV and batteries are insufficient the grid is used (red). PV, shared batteries, and pooled community management ensure all load is met year-round: in winter, lower PV means a small portion (~10% annually) must come from the grid, while in summer, PV exceeds demand creating exportable surplus that offsets infrastructure costs or supports new communities getting their own grid.

## PROJECT COSTS AND SAVINGS

| Scenario | Homes | CapEx / home (£) | Annual benefit / home (£) | Payback (yrs) | Grid remaining (est.) |
|---|---|---|---|---|---|
| 1. No PV / baseline | 1 | 0 | 0 | — | 100% |
| 2. Single house PV+thermal | 1 | 7,700 | 997 | 7.7 | 35% |
| 3. 50-house cluster | 50 | 10,648 | 1,227 | 8.7 | 15% |
| 4A. 500 mixed cluster — averaged export | 500 | 6,098 | 1,160 | 5.3 | 10% |
| 4B. 500 mixed cluster — PV houses only (split view) | 500 | 6,098 | 1,285 (PV houses) / 1,035 (flats) | 4.8 (PV houses) / 5.9 (flats) | 10% |

Naturally full technical studies will be applied to each cluster however the indicative figures above show 500-home pooled cluster delivers the best economics and lowest grid reliance: they unlock bulk pricing for community batteries and spreads PV/export revenue across many participants, cutting CapEx per home to £6,098 and increasing grid savings to ~£1,160/yr. That combination shortens payback to ~5.3 years if all savings contribute and excesses energy is sold and reduces annual grid reliance to about 10%, making the 500-home cluster the most cost-effective and resilient option on the table. This assume no grant funding at all and just represents indicative total project cost per home.

## PROJECT PHASES

**Phase 1 — Community Engagement & Feasibility**

Outreach, resident sign-up, feasibility studies

**Funders:** social impact, community empowerment, capacity building, councils

**Outcome**: verified demand & sign-ups

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**Phase 2 — Infrastructure Deployment & Installation**

Procurement, installation, commissioning of solar, batteries, meters, control systems

**Potential Technical Partners:** Solar PV: SunPower, REC, Q CELLS; Batteries/Inverters: CATL, BYD, LG, Sonnen; Local Grid: DSO, National Grid, ABB, Siemens, Schneider; Thermal: Veolia, Engie, Vital Energi; Water Efficiency: Water Saving Solutions, Rainwater Harvesting Ltd, Sustainable Building Services

**Funders:** renewable infrastructure, energy efficiency, technical innovation, green banks, Innovate UK, councils

**Outcome:** operational, community-owned, fully grid & Ofgem compliant

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**Phase 3 — Scaling & Growth Movement**

Build / grow community pot → next clusters

**Funders:** scaling impact, replication, long-term sustainability

**Outcome:** self-sustaining, expanding network of ultra-low-cost energy systems

## JOIN THE PROJECT / GET INVOLVED

1. **Community Signs Up** – Residents and businesses join the local cluster, pooling interest and demand. Join online, at a workshop, or via Slack/email.

2. **Funding Secured** – Grants and community contributions unlock capital for PV, batteries, and efficiency upgrades.

3. **Planning, Installation & Management** – FNE and trusted technical partners install and maintain the system, ensuring reliability and fairness. Local jobs will be available as part of this large community project.

4. **Shared Benefits** – FNE communities enjoy lower bills, reliable clean energy, and transparent cost-sharing, with community ownership reinvesting into the next cluster.

### Contact & Discussion:

DeQuincy Prescott | +44 749 1113 163 | Slack: FNPNow.com/slack | Website: FNEmpowered.com

# APPENDIX

## 🔑 ACTION ITEMS BY STAKEHOLDER

### 👥 Communities (Residents & Local Businesses)

- **Sign up** to join your local energy cluster (online, workshop, or via Slack/email).
- **Spread the word** on WhatsApp, community boards, and local groups.
- **Shape the system** by sharing concerns and priorities (fairness, transparency, jobs).
- **Benefit directly** from lower bills, cleaner energy, and reinvestment into your community.

### 💰 Funders (Grant-makers, Councils, Impact Investors)

- **Back community traction** already proven (70%+ email capture; 86% cluster interest).
- **Support cross-sector impact**:
    - Fuel poverty & rising bills
    - Climate & $CO_2$ reduction
    - Renewable energy adoption
    - Community empowerment & cohesion
    - Local job creation & skills
    - Fairness & social justice
- **Catalyse the loop**: small seed grants (£1–5k) → feasibility grants (£10–30k) → pilot (£50k+) → mandate-scale funding (£500k+).

### ⚡ Technical Partners (PV, Batteries, Grid, Water Efficiency)

- **Co-design solutions** for 200–500 home clusters.
- **Provide reliable systems**: PV, shared/community batteries, smart inverters, EMS, water efficiency.
- **Offer local jobs & training** during installation and ongoing maintenance.
- **Demonstrate innovation** in fair, community-owned, ultra-low-cost energy systems.

### 🏛️ Councils & Policymakers

- **Endorse community clusters** as part of borough-wide climate and energy strategies.
- **Streamline permissions** (planning, grid connections, community governance frameworks).
- **Champion residents' voices** in local climate action plans.
- **Leverage outcomes** toward Net Zero 2050, fuel poverty reduction, and inclusive growth.

### 🌍 Stakeholders & Allies (Universities, NGOs, Networks)

- **Share expertise** in governance, technology, and community organising.
- **Measure impact**: $CO_2$ saved, bills reduced, jobs created, social cohesion strengthened.
- **Amplify the story**: publish, showcase, and replicate the model nationally.

**📌 The Action Loop:**
**Community signs up → Funders unlock resources → Tech partners deliver → Councils endorse → Shared benefits fuel next cluster.**

**The FNE Survey Results - Autumn 2025**

## 📊 Headline Numbers

- **51 residents surveyed (Sept 2025)**
- **36 provided contact details → 70.6% capture rate** *(vs. typical 30–50%)*
- **3:1 positive-to-hesitant ratio** → strong demand signal

## 📝 Survey Method

Door-to-door survey conducted with 51 residents. Questions asked:

1. **What's your biggest concern about energy today?**
   - Rising bills / Sustainability (clean energy / climate) / Other (please specify)
2. **Future Now Empowered is striving to cut bills by 80–90% through shared, community-owned energy. Would you like to know more as we develop this project?**
   - Yes, definitely / Maybe, need more details / No, not for me
3. **The system would be community-owned and maintained. Instead of traditional energy bills, households contribute a small monthly amount to keep it running. Does that sound fair?**
   - Yes, definitely / Maybe, need more details / No, not for me
4. **Which of these benefits matters most to you? (select up to 2–3)**
   - Lower bills right away / Energy independence for the long run / Sustainability for future generations / Better local housing/schools/jobs / Community ownership & control
5. **Can you see any downsides once this is implemented and proven?** (open response)

**RESULTS:**

| 🔥 Top Energy Concerns | 🌟 What Residents Want | 🚀 Engagement Breakdown |
|---|---|---|
| • **Rising bills** (dominant concern, ~75–80%)<br>• **Sustainability & climate** (~30%)<br>• **Fairness & reliability** (minority concerns, all addressable) | • Lower bills *now*<br>• Energy independence & long-term resilience<br>• Sustainability for future generations<br>• Local jobs, housing & school improvements<br>• Community ownership & control | • **Highly engaged (Green):** ~23 residents → ready to champion<br>• **Interested but cautious (Yellow):** ~21 residents → warm leads<br>• **Low interest (Red):** ~7 residents → minority |

## 💬 Resident Voices

*"Why would you refuse — finally a door to door that makes you feel positive."*
*"Sign me up. I want a job with the company."*
*"Looking forward to it happening! Will put on local WhatsApp groups."*
*"Great for future generations."*

## 🏆 Why It Matters

- **Grassroots proof of demand** → not abstract policy, real households.
- **Trust already built** → 70%+ gave personal contact details.
- **Momentum spreading** → residents volunteering to share and get involved.
- **Concerns are solvable** → reliability, fairness, and clarity can be addressed.

## Future Now Partners Timeline Highlights

- **Early July 2025 – Future Now Partners Ltd** (FNP) established as a company for innovation, growth and partnership and FNPnow.com launched.
- **Mid July - August 2025** – Invented the **Business Traction Engine**, patent pending, a system to generate high levels of engagement and identified Green Tech as a standout sector for a Community Traction Engine.
- **Mid-August 2025** – Concept of **Future Now Empowered (FNE)** as an enabler for Community Energy Clusters / Grids with CIC infrastructure ownership and an ultra-low flat-fee maintenance model began development.
- **10 Sept 2025 onwards** – First door-knock survey conversations conducted in Haringey and Islington to test the model and engagement levels.
- **17 Sept 2025 onwards** – Developed our own PV + battery simulation tools (Python + Google Maps + AI workflow) based on pvlib and other industry standard renewable energy mapping tools. Discovered a breakthrough method to tackle the difficulties of Tower blocks and other high density situations where a proportionally small roof can't possibly generate enough power to supply the energy usage of the number of floors' below them.
- **Late Sept 2025** – Completed first 51 survey entries, showing strong support: 70%+ email capture, 80%+ fairness acceptance, 86%+ scheme interest.
- **29 Sept 2025** – First meeting with the council and other potential partners at Haringey Community Carbon Fund Launch.

### Our Story So Far

**Future Now Partners** is an Innovations, Growth and Collaboration company incorporated in July 2025. Within days, we realised the real opportunity was not just building businesses, but building **traction engines** — growth systems that can transform businesses and communities. Our model is now patent pending. By August, **Green Tech** emerged as the most urgent and impactful opportunity, a perfect platform for a Community Traction Engine.

Our solution to the problems is a social enterprise spin out, **Future Now Empowered**, with its role as an enabler of a community-owned renewable energy infrastructure with an ultra low cost and fair management model at its heart. By September, we were on the ground: knocking on doors, listening to residents, and refining both the socio / economic model and technical system.

Simultaneously, we developed a custom simulation workflow using Python, Google Maps and AI to model hundreds of rooftops and battery scenarios, delivering optimised solutions for communities — including tower blocks, where roof space is limited but energy demand is high.

In less than 90 days, we've gone from zero to a live **Community Energy Clusters / Grid enabler model**, a working survey with strong traction, advanced technical modelling, and our first council and potential partners conversations. It's early days — but the speed of progress and community response show this project has real legs and demonstrate our determination to make **a tangible difference**. You are invited to partner with us on this exciting journey.

**FUTURE NOW EMPOWERED: PROJECT TEAM & GROWING NETWORK**

**PROJECT LEAD**

**DeQuincy Prescott** – Founder, *Future Now Partners* and *Future Now Empowered*

- **Community & Public Service:** Former London Borough of Haringey Councillor (2002–2006), awarded *Excellence in Public Service* (2006). Experienced in resident engagement, local governance, and regeneration. As Deputy Lead for Regeneration, oversaw major projects including New River Homes (600 new homes, £11.5m community investment).

- **Project Delivery & Leadership:** Proven record of large-scale coordination and community activation. Organised a Guinness World Record breaking festival (2009), the largest of its kind globally at the time. At UCL, served 19+ years as Lab Manager, leading installation and optimisation of £500,000 in new sequencing technology for the Genetics Department.

- **Scientific & Technical Background:** Co-author of 17 peer-reviewed publications. Experienced in evidence-based analysis, technology evaluation, and project assessment. Holds an MRes in Management (Innovation & Entrepreneurship), Birkbeck College, University of London. Dissertation: *The CSR Impact of Landlords* — demonstrating how socio-environmental investment creates measurable long-term community and organisational value, and how structured frameworks drive actionable engagement in responsible business practices.

**PROJECT TEAM**

- **Clodagh Byrne – Sustainability Lead, Future Now Empowered**
  20 years working with NGOs; last 8 years as Lead Adviser – Resilience, VSO.

**FUNDING & STRATEGIC PARTNERS (APPROACHED)**

- **Haringey Council** – Local authority support and potential funding alignment.
- **Cripplegate Foundation / UnLtd** – Social impact funding and grant support.
- Additional funders and community investors being engaged.

**POTENTIAL / INTERESTED COLLABORATORS**

- **En10ergy Limited** – Social enterprise exploring community energy collaboration.
- **Antwerp Arms** – Haringey Community Carbon grant recipients interested in teaming up.

**TECHNICAL PARTNERS (IN DISCUSSION)**

- **LG Energy Solution Europe GmbH** – Grid design expertise and component supply.
- **Solar PV Ltd** – Solar design, installation, and local workforce training.

**SUPPLIERS & PARTNERS (APPROACHED)**

- **Examples to date:**
  - **Battery manufacturers:** CATL, BYD, Sonnen
  - **PV suppliers & installers:** Clairglow, MCS-accredited local providers
  - **Regulatory bodies:** Ofgem
- Engagement ongoing, with further organisations being contacted