



FACT SHEET | REPOWERED COMMUNITY NEWHAM

BUILDING THE UK'S FIRST REPOWERED COMMUNITY

SUPPORTED BY



With £1.5m in support from the National Lottery Community Fund, Repowering London and key partners will show and share how to build a 'Repowered Community' in the London Borough of Newham. The Repowered Community is our clean energy neighbourhood model. It strengthens communities by delivering clean energy hand in hand with long-term local services and benefits. These benefits range from skills training to lower energy bills and funds for local investment.

Why Newham needs this project

Newham is the third-most deprived local authority in London, has the city's highest fuel poverty rate and is one of the boroughs most exposed to the flood and overheating risks that come with climate change. Our project is directly aligned with the Borough's Just Transition Plan, and recognises that a just transition to net zero - bringing with it a decentralised energy system - can address these problems.

Project in brief



The project is being co-created, working hand in hand with the wider community



Will use the best technology to suit the task - whether solar generation, low-carbon heat or energy-efficient retrofit



Creates homes that are healthier and less expensive to heat, reducing fuel poverty and tackling urban health deficits



Prepares residents for a rewarding and resilient future with employability support, energy efficiency tools and advice



Will produce a free-to-use toolkit to help any urban group build a Repowered Community

How we are doing it

Repowering London is collaborating with Newham Council, Community Energy Newham, academic and industry partners, and local residents to build a Repowered Community in Newham. By working together, we are tackling the key decisions and challenges involved in creating an innovative, integrated, community-owned energy system. This work will deliver a Repowered Community 'demonstrator', showing what success looks like and providing a model that others can replicate using our toolkit and insights.



What the Repowered Community project is bringing to Newham



- A **replicable, scalable structure** for people-led, change that brings together the council and the community
- A **long-term finance model** for large-scale urban community energy projects
- A holistic business model that creates **paid employment** for local people
- A **community-led energy company** with shared ownership. Local people have power and control, strengthening civic participation
- **Reduced energy costs** for households across Newham, by developing:
 - Low-carbon-heat projects
 - Area-based retrofit support
 - Decarbonisation of the Council's building portfolio
 - An integrated, local energy network that can react to changing supply and demand, and reduce strain on national energy infrastructure

Key progress so far

- ✓ **Community steering group established** to ensure residents have a strong voice in the project
- ✓ **First geographic area of focus defined** with the steering group as Little Ilford ward
- ✓ **0.7MWp in rooftop solar assets** already in operation, with 2.5MWp under development
- ✓ Feasibility study for a **ground-source heat network** under development
- ✓ **Increased community participation** across schools and neighbourhood networks, Little Ilford residents, and through Community Energy Newham
- ✓ **Design of a replicable governance model underway**, to specify the legal structure and registration of a Community Energy Services Company