



# Innovation Basecamp 2026

## EIP168 - Decarbonising opportunities for MOBs



## Introduction



**Data and  
digitalisation**



**Flexibility and  
market evolution**



**Net zero and the  
energy system  
transition**



**Optimised assets  
and practices**



**Supporting  
consumers in  
vulnerable situations**



**Whole Energy  
Systems**



**Jamie Lacey**

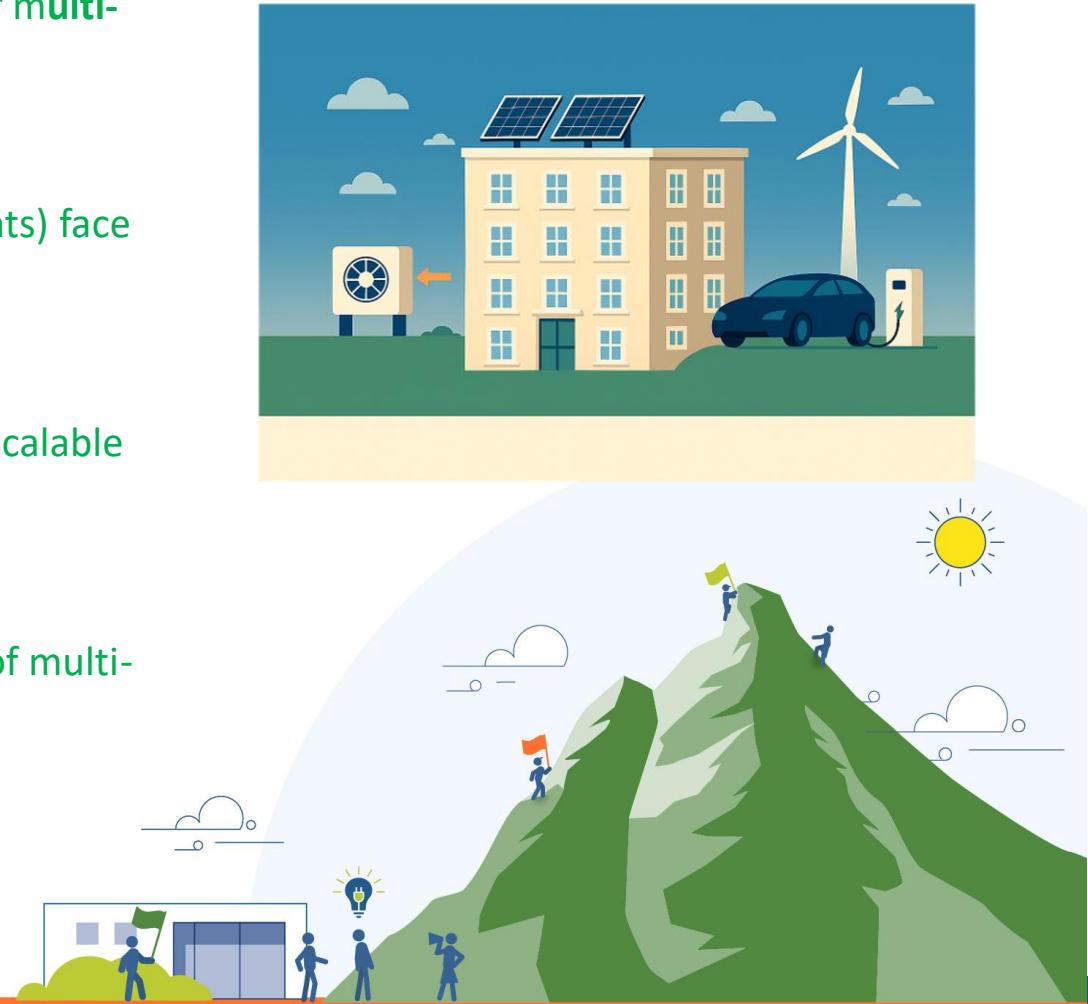
Innovation Assistant Manager



## Background Information

Energy networks are seeking to provide **affordable** and equitable options for **multi-occupant buildings to decarbonise**.

- Multi-occupant buildings (e.g., flats, apartments, mixed-use developments) face **significant challenges** in reducing carbon emissions.
- Current solutions often focus on **single-family homes**, leaving a gap for scalable approaches in multi-occupant settings.
- In GD3, NGN aim to identify solutions to help with the decarbonisation of multi-occupant buildings.



## What are the Problems?

- Shared heating systems, diverse energy needs, and split incentives between **landlords and tenants complicate solutions.**
- High reinforcement needs per building
- Replacing gas with electrical heating will often **increase the electrical load**
- Structure of the **ownership** for these types of building



## What are we looking for?

We are looking for **innovative technologies**, business models, or operational strategies for decarbonising shared energy systems. The solution should scale across different building types and regions.

The solution should aim to **integrate with existing infrastructure** or enable hybrid systems.

TRL level 3-5 preferred



## What must be included in the solution?

- Solutions must comply with **UK building and energy regulations**
- They must be **cost-effective** for landlords, tenants, GDNs, DNOs
- **Minimal disruption** during installation
- **Compatible** with existing metering and billing systems



## Key Contacts:

- Submit your ideas via ENA by the 13<sup>th</sup> March 2026.
- For any questions contact: [jlacey@northerngas.co.uk](mailto:jlacey@northerngas.co.uk)





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