

# Are there whole-building solutions to decarbonise multi-occupancy buildings?

EIP028

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## Background

- Decarbonisation of multi-occupancy buildings (MOBs) is uncoordinated that benefits individual early adopters, utilising solutions optimised for single premises marketed directly to the customer
- Approach leads to unnecessary costs associated with multiple site visits and assessment work for the Distribution Network Operator (DNO) for individual flats in the same building
- Focus of the challenge is on decarbonisation and retrofitting existing buildings but challenges in decarbonisation for new builds should also be considered. Namely, large developments that stretch over multiple construction phases have changing demands and spatial restrictions that constrain network extension and supply upgrades.

## Enablers and Constraints

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- UK Power Networks NeatHeat project
- BEIS Heat Pump Ready Programme
- Other funding programmes

### Constraints

- Prohibitive costs for service upgrades or alterations
- Building types and ownership challenges

## Involvement and Implementation

A **whole-building solution** is required to **support decarbonisation** at a reduced price point and ensure **network constraints are less likely to prohibit** uptake of low carbon technologies (LCTs) for multi-occupancy building residents

- **Key Stakeholders** – DNOs, GDNs, residents, BNOs, Local Authorities, building owners, developers, solution providers
- **Target Market** – Estimated 4.7 million residents of multi-occupancy buildings (buildings with more than four properties) across England
- **Target Date** – Dependent on solutions proposed and level of readiness – no one size fits all for MOBs – ideally deployable within RII0-ED2

# Energy Innovation Basecamp

28 February 2023  
ICC Birmingham

## #Basecamp28

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