

SIF Alpha R2 Close Down Report

Date of Submission

Jul 2025

Project Reference Number

10061387

Initial Project Details

Project Title

SHIELD - Smart Heat and Intelligent Energy in Low-Income Districts

Project Contact

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Project Start

01/10/2023

Project Duration (Months)

6

Lead Funding Licensee

UKPN - Eastern Power Networks Plc

Project Summary

SHIELD is a bold new initiative that will revolutionise the way we heat our homes. By using innovative low-cost low-carbon heating solutions, such as distributed data centres, SHIELD will help to decarbonise heat and energy for vulnerable consumers and social housing tenants.

In addition, SHIELD will use smart energy generation and storage technologies to intelligently balance demand and supply, helping reduce the upfront cost and running costs of consumers' heating and energy.

This innovative approach to decarbonisation has the potential to transform the energy landscape and make a real difference to the lives of vulnerable people.

Performance and Outcomes

Project phase summary

See End of phase report

User needs

See End of phase report

Impacts and benefits

See End of phase report

Risks, issues and constraints

See End of phase report

Working in the open

See End of phase report

Costs and value for money

See End of phase report

Special conditions

See End of phase report

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SIF Round 2 Alpha - SHIELD - End of Phase Meeting 2024-03-28.pdf - 2.2 MB

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