

Community Heat Development Programme

Introducing Reheat

Consultancy Services

feasibility studies • policy development • investment due diligence • technology optimisation • supply chain monitoring and reporting • carbon accounting • technology and market appraisals • strategy development • grant writing and application • standards development • training and advisory services • site inspections and reviews of failed and failing renewable technologies • project and installation design • client engineering services • programme design & management

Reheat Consultancy Team



Why Heat is Different

Decarbonising heat is fundamentally different to decarbonising electricity.

Why?

Heat decarbonisation is *iron man* decarbonisation!

Unless a site is fully off-grid, then a renewable electricity project is more likely to be about cost reduction/certainty, income generation, education, or making a visible commitment to helping tackle the causes of climate change.

If it was **just** about decarbonising, then you could simply switch suppliers (or tariffs) to benefit from renewably generated power.

There's no capex requirement, no new technology to get to grips with, and even if you do choose to invest in generation, there's no direct impact of failure unless you are fully off grid - the lights still come on if the blades fall off...



Why Heat is Different

Decarbonising heat requires a different mindset and a different approach.

Why?

Most renewable heating technologies are unfamiliar and to some extent untrusted (~6% of market share).

Coordinated, well-resourced programmes of lobbying and disinformation against renewable heat (and renewable electricity and EV's) don't help with public understanding/acceptance.

Collective heat decarbonisation requires absolute commitment :

- If you fail to achieve buy-in, project economics won't work;
- If you fail to deliver on promises (cost, availability, etc...), people will opt out or disconnect while alternatives exist;
- If your project is community led, then you're all bound together in a long-term contract - shared reward = shared risk.



theguardian.com

Gas boiler lobby trying to delay UK's heat pump plans, leak shows
Trade association, which promotes hydrogen for home heating, called for
clean heat market mechanism to be pushed back to 2026

Why Should You Bother?

Everyone and everything needs to decarbonise. Heat is no exception.

The real questions are :

Through collective action or individual?

Which technology/technologies will we use?

If collective, who will own the assets and benefit from revenues?

Who will carry the risks?

Where will the money come from?

When will we do it?

Who can we ask for help?



The Community Heat Development Programme is set up to help you answer all these questions and more.

Community Heat Development Programme - Introduction

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Aim

“Support community organisations and groups of householders to help develop their ideas for locally-generated, low and zero carbon heat project ideas”

Funded by Scottish Government under CARES

October 2022 to March 2025

Administered by Local Energy Scotland

Technical expertise provided by Reheat

Scope limited to feasibility activities

Primary output is feasibility studies for communities – two phase approach:

- ‘Initial Reviews’ to identify any showstoppers
- Feasibility studies 10 days for Reheat expertise to support applicants

Focus on learning

- Community heat is still very new
- What works? What doesn't?



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Who can apply?

Community groups

- Informal groups of householders or constituted community groups
- Must be community led, non-domestic premises can be included in projects
- Does not need to ultimately result in a purely community owned project

Example project types:

- Group of householders collectively purchasing ASHPs
- Group of neighbours in a block of flats that are considering installing a shared heating system to service the block
- Heat network for a group of houses up to a whole village or town

Which heat technologies?

- Any! Community can suggest an idea or Reheat can advise
- Will look at energy technologies (e.g. PV) when it complements the heat project



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Project so far

- Good engagement with a wide range of communities and project types

Some of the projects in progress:

- 12 flats in a block with ageing gas distribution interested in communal solution
- Collective procurement of air source heat pumps for at least 35 homes in a village.
- Rural, 20 house, off gas hamlet looking at district heating
- Whole neighbourhood district heating project, technology not specified
- Two settlement scale district heating project looking at water source heat pumps in loch catchment
- 64 flats across 6 blocks with electric heating and city centre location interested in communal ASHPs



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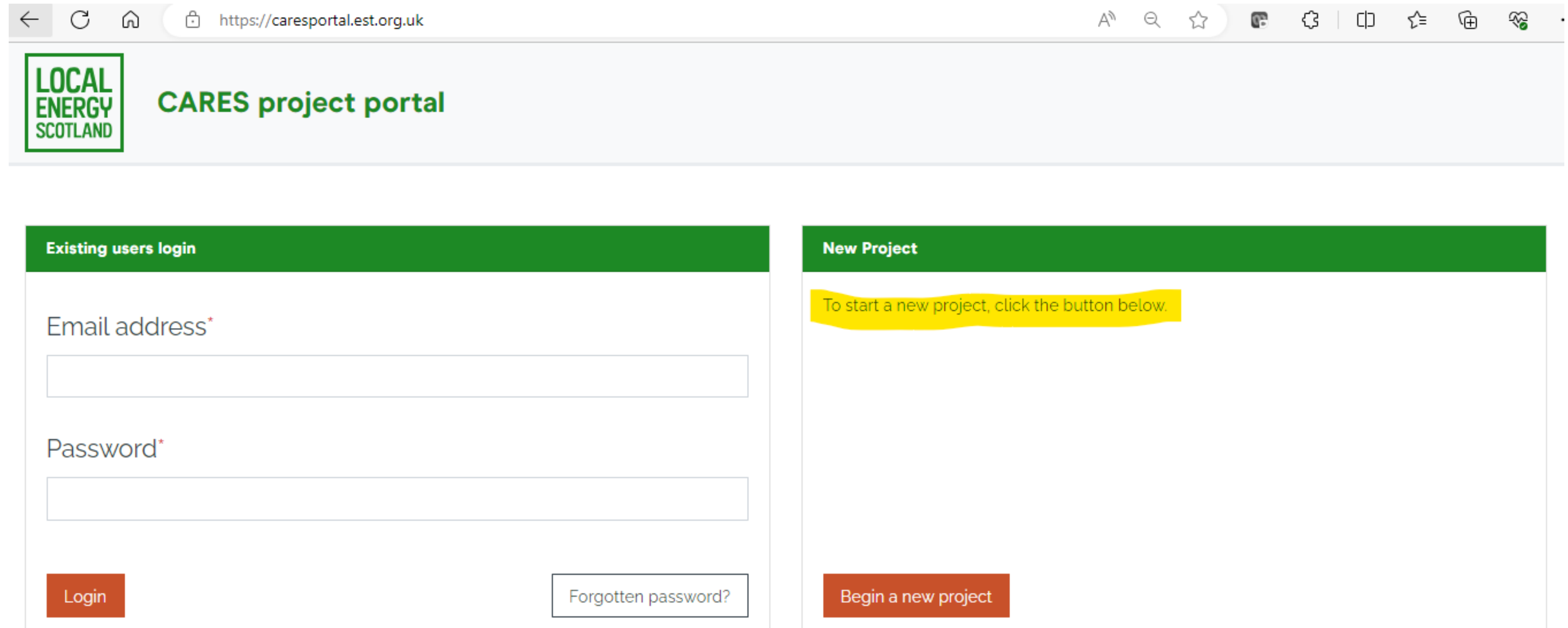
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How do I apply?



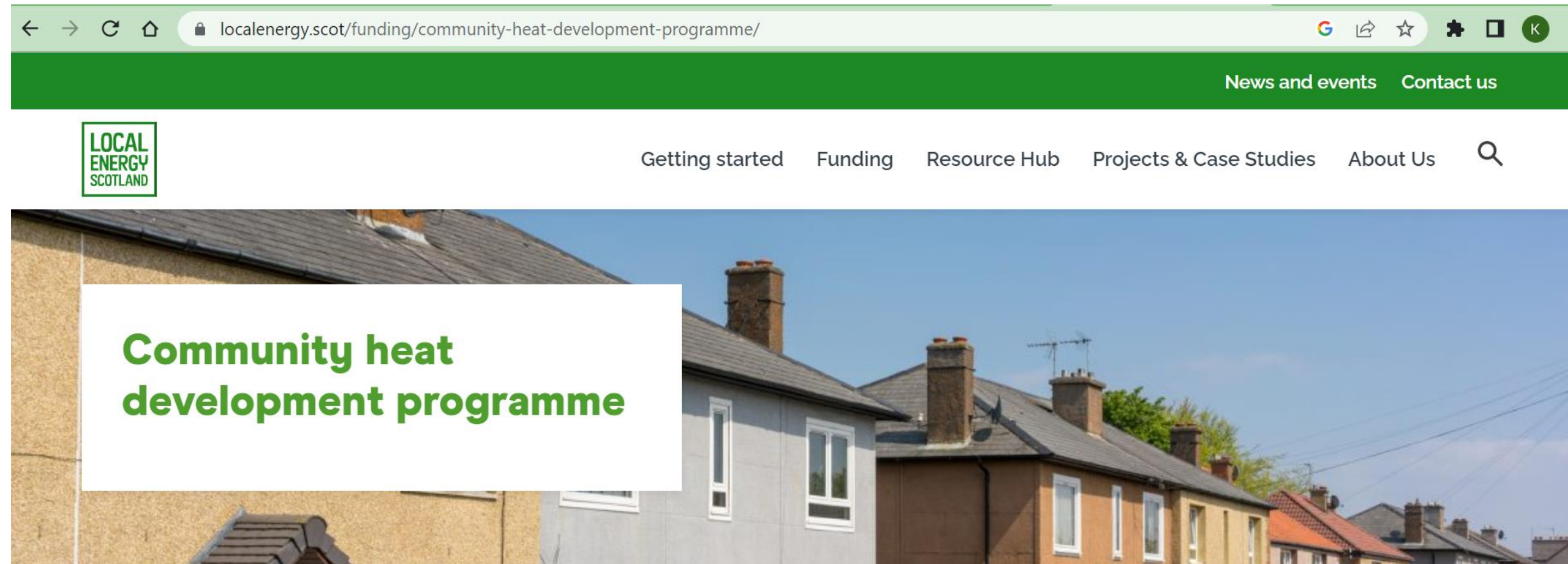
- Submit an enquiry to LES via their CARES Portal, caresportal.est.org.uk
- LES will assess your idea and invite you to submit an application



More info



- On Local Energy Scotland website, [Community heat development programme - Local Energy Scotland](https://localenergy.scot/funding/community-heat-development-programme/)



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Thanks for listening

Training | Design | Research | Project Management
Installation | Monitoring | Expert Witness | Due Diligence

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