



Deddington & Duns Tew heat pump trial

Information sheet

An overview of the trial

We are looking for 15 homeowners to take part in our Deddington and Duns Tew Heat Pump Trial. We are exploring how heat pumps can decarbonise heating in homes in rural communities – in the context of the development of a smarter, more localised, zero carbon energy system.

If you're keen to install a heat pump, or already have one, we'd love to hear from you.

To take part, you need to:

- Want to install a heat pump, or already have one
- Agree for us to monitor and test your use of the heat pump through to June 2023

What are the benefits of taking part in the trial?

Joining the trial means you are part of a ground-breaking trial exploring how off-gas rural areas can be decarbonised, and how the communities living in those areas can benefit from this decarbonisation of the energy system.

You'll be part of a group of 15 like-minded homeowners in your local community, and you'll be helping your wider community to tackle climate change.

Alongside this, by being part of the trial you will access:

- A free home assessment and whole house plan from Cosy Homes Oxfordshire (worth £250-350), with expert support to determine which kind of heat pump is suitable for your home and identify any other energy improvements which would cut the carbon emissions of your home.
- If you choose to go ahead with the trial and install a heat pump for your home, we'll cover the cost of Cosy Homes Oxfordshire's project management service (typically up to £750) and you'll access their approved contractors to do the installation.



- By installing a heat pump by March 2022, you may be eligible for the Domestic Renewable Heat Incentive (RHI). The Cosy Homes team can help with your application.
- Additional communications and monitoring equipment for your heat pump, and training on how to use this to increase your control of the heat pump and your home heating. This will prepare you to benefit from the changing energy system. This may also unlock an additional one off payment from the RHI as part of the monitoring and maintenance service package (MMSP). This starts from £800.
- A £300 compensation payment, to simulate the revenue which homeowners may be able to earn from providing flexibility to the electricity grid in the future energy system we're trialling.
- Insider knowledge, as we'll keep you informed and updated throughout the trial period about our trials and our findings from them, and their implications for the smart, local, zero carbon energy system of the future.

What is the process?

1. Sign up to the trial using this form.
2. If you'd like to use the Cosy Homes service, you need to register your home and they'll get you booked in for your home assessment
3. You go through the normal Cosy Homes Oxfordshire process to install your heat pump (home assessment, Whole House Plan, Contractor visits and quotes, installation) –
4. If you want to install the heat pump yourself, that's absolutely fine. Just get in touch to talk about the technical requirements to still be part of the trial.
5. At the appropriate point in the heat pump installation, our project team will also install communications and monitoring equipment to enable us to access data from your heat pump. If you already have a heat pump, we'll skip to this stage.
6. Once installation is complete, we make the £300 compensation payment to you.
7. From then on, we monitor and test your heat pump use in the trial. You'll always be made aware of any testing plans, and it will never impact your home comfort.
8. We'll keep you informed periodically about how your heat pump is contributing to the trial – as well as the others participating from your community.
9. At the end of the trial period in June 2023, we'll end the trial and ask for your feedback.

What if I have other questions?



The main point of contact for this trial is info@lowcarbonhub.org – if you have any additional questions before you sign up or during the trial period please do send us an email and the relevant member of the team will get back to you. You can also call the Low Carbon Hub office on **01865 246 099**.

Who is running the trial?

Project LEO (Local Energy Oxfordshire), led by Low Carbon Hub, is conducting the trial. Project LEO is a series of trials seeking to accelerate the UK's transition to a decentralised, zero carbon energy system. If we are to meet climate change targets, we're going to have to change the way we use, store, and generate energy – and Project LEO is exploring different potential ways of doing this in a green and fair way.

This heat pump trial is part of a wider series of trials called 'Smart and Fair Neighbourhood Trials' being run by Project LEO and the Low Carbon Hub – aiming to put communities at the heart of the transition to a zero carbon energy system, looking at different ways they can participate in and benefit from the energy system of the future.

Who else is involved?

The project is part-funded by Innovate UK until 2023, and is a collaborative project involving: Scottish & Southern Electricity Networks, Low Carbon Hub, University of Oxford, Oxford Brookes University, EDF energy, Piclo, Oxfordshire County Council, Nuvve, Oxford City Council, Origami.

On this specific trial, the Low Carbon Hub is taking the lead, working closely with Deddington Environment Network and Sustainable Duns Tew. We are also working in partnership with Cosy Homes Oxfordshire, a home retrofit service part-run by the Low Carbon Hub which will support the trial with assessing our participants' homes and installing the heat pumps.

The Low Carbon Hub is a social enterprise out to prove we can meet our energy needs in a way that's good for people and good for the planet – developing community-owned renewable installations and reducing energy demand too.



Data protection

All data will be stored by the Low Carbon Hub in accordance to GDPR regulation – and removed when the trial concludes in June 2023. Read our privacy statement at: <https://www.lowcarbonhub.org/privacy-statement/>