

Are you interested in **reducing your home's carbon emissions and making it more energy efficient?**



Warmworks and Changeworks are working together, funded by the Department for Business, Energy & Industrial Strategy (BEIS), to install 250 heat pumps in homes across South East Scotland* under the Electrification of Heat Demonstration Project.

Low carbon heat pumps are a great solution for future-proofing your home. Heat pumps can make your home warmer and more energy efficient over the longer term, as well as reducing your reliance on fossil fuels and traditional sources of heat. You won't have to pay anything for the heat pump system as the cost of the installation is covered through funding from BEIS.

What is a heat pump?

Heat pumps are a renewable energy technology that convert energy in the ground or air into heat. A heat pump can provide all the heating and hot water you need for your home.

Heat pumps serve as an alternative way to heat your home and could be the ideal solution if you want to generate your own heat and potentially save money on your energy bills.

Types of heat pumps

The most suitable heat pump for your house type will be determined through a survey of your property.

Air source heat pump

An air source heat pump is usually placed outdoors at the side or back of a property. It takes heat from the outside air and boosts it to a higher temperature using a heat pump to heat your home and hot water. They can still function when air temperatures are as low as -15°C.

"High Temperature" Air source heat pump

A 'high temperature' air source heat pump works in a similar way as a standard heat pump, but it is capable of providing a higher water temperature to the radiators in the system. High temperature units are not suitable for all properties because they may need to work harder to sustain a higher temperature, which could increase energy costs.

Ground source heat pump

Ground source heat pumps use pipes that are buried in the garden to extract heat from the ground. This can then be used to heat radiators, underfloor or warm air heating systems and hot water in your home.

Hybrid heat pump system

Hybrid heat pump systems combine renewable air-to-water heat pump technology with a gas condensing boiler, to ensure the highest efficiency. The system automatically determines the most economical and energy efficient combination based on energy prices, outdoor temperatures and indoor heat capacity.

*Subject to project criteria and confirmation by technical survey.

Benefits of heat pumps



Lower carbon emissions, reducing your home's impact on the environment



Can **heat your home as well as your water**



Potential for **lower fuel bills**



Minimal maintenance required



Does **not require fuel deliveries**



Safer than systems based on combustion



Reliable with **long lifespan**

What is included?

- Following a survey to assess suitability, the installation of the most suitable heat pump technology for your home at no cost to you
- Smart controls, detailed advice, and expert support to help you optimise and get the most out of your new heating system
- All work carried out will be subject to an independent quality inspection to ensure it has been installed to the highest standards
- Full aftercare and support for twelve months after the installation is finished, including a free annual service of your system when required
- All sub-contractors on the project come from Warmworks' register of accredited, qualified local installation companies

How do I find out more information?

This programme will begin mid-2020. If you're interested in finding out if your home may be suitable, you can register your interest by filling out this [form](#) or by contacting Changeworks on:

 0131 539 8609

 heatpump@changeworks.org.uk

Find out more information on Warmworks' website www.warmworks.co.uk/electrification-of-heat/