Hello

Welcome to NIBE Energy Systems

Introduction

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Agenda

1. Introduction to NIBE Energy Systems
2. UK Market
3. How does a heat pump work?
4. Things to consider when buying a heat pump
5. NIBE Pro Installers
6. Questions

Company Introduction

NIBE’s History

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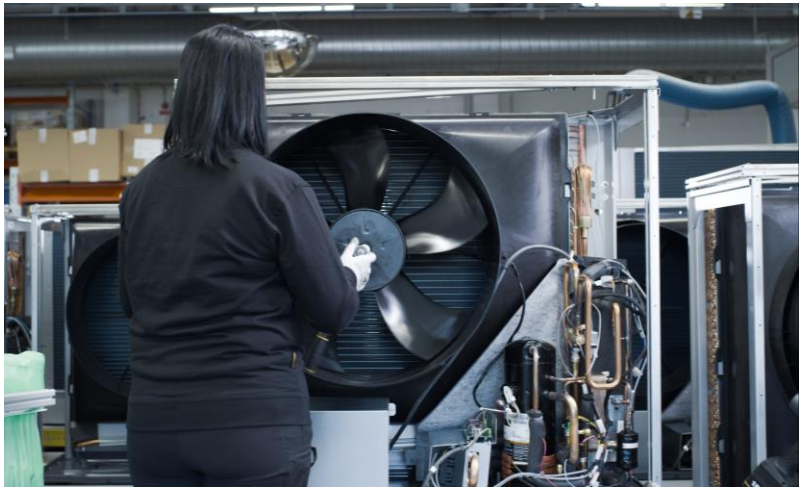

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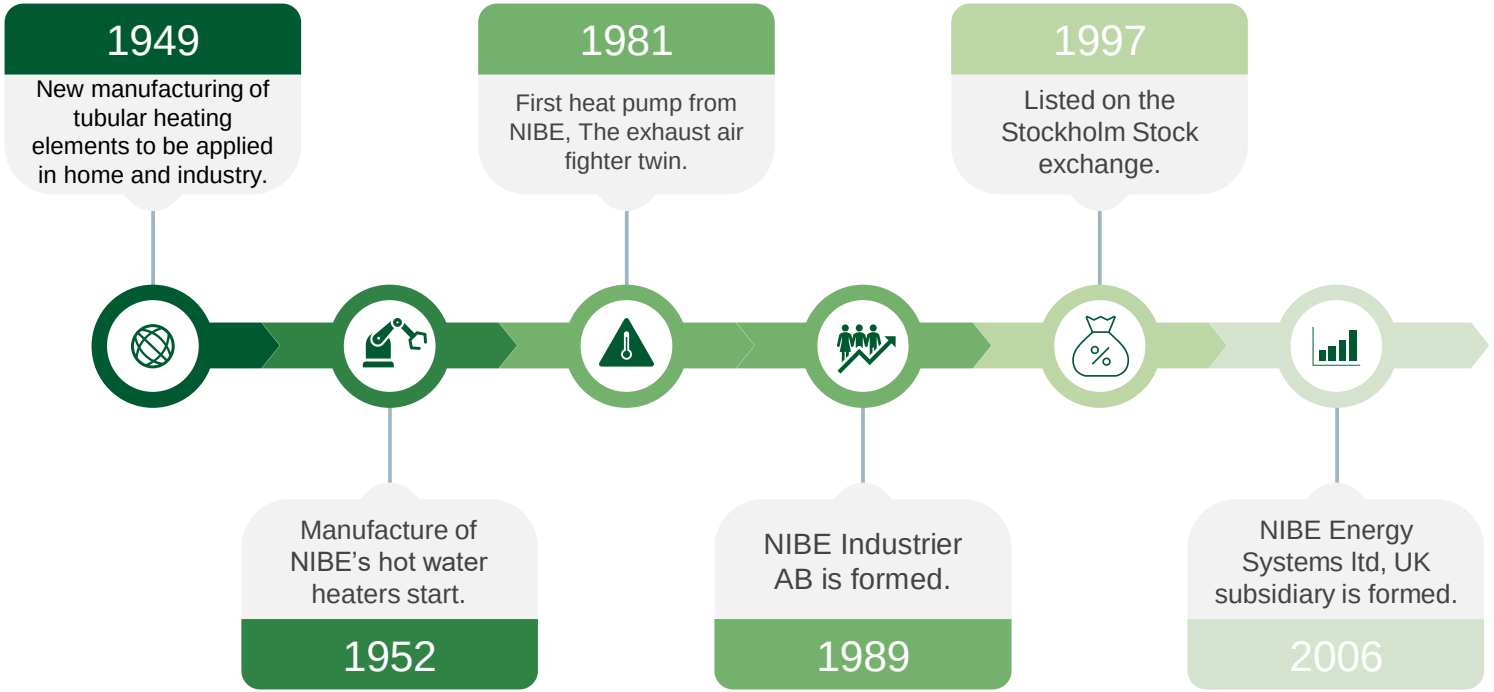
- NIBE Energy Systems Ltd (UK Subsidiary) was formed in 2006.
- Today we manufacture a range of heat pump, ventilation, hot water and solar products.

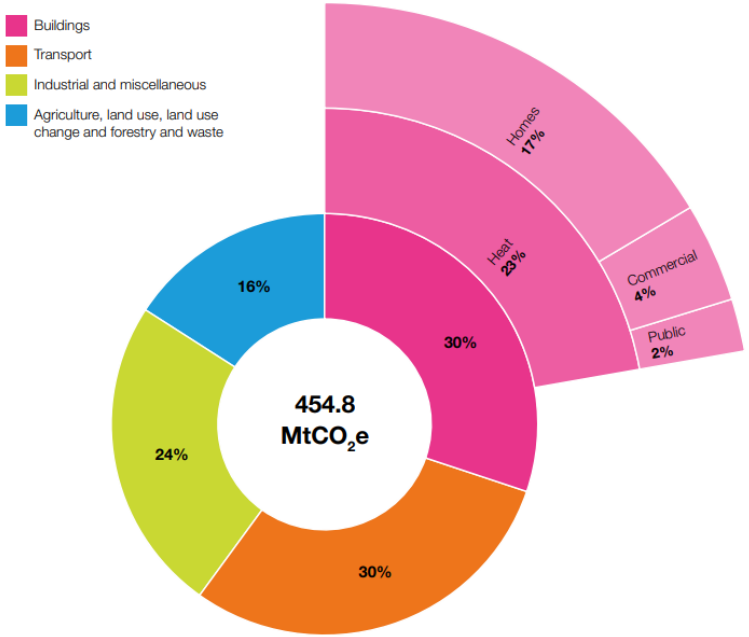
NIBE's History



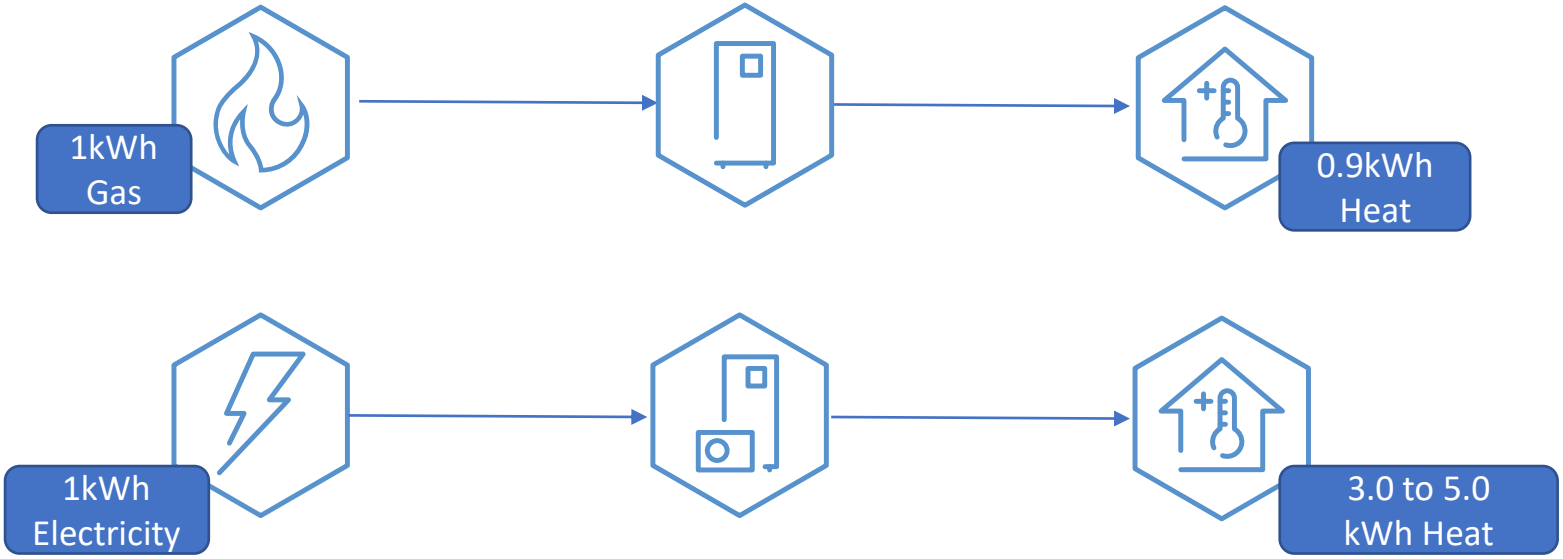
UK Market

UK Net-Zero Carbon 2050

2050



Heat Pumps – A Part of the Solution



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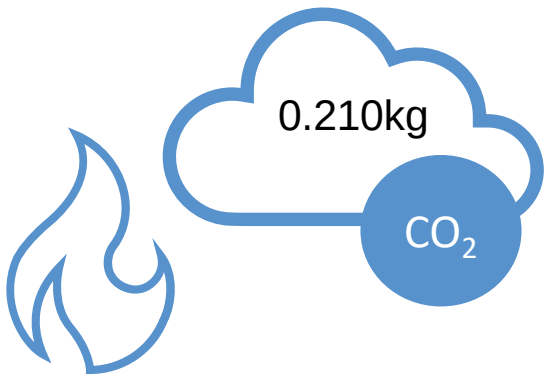
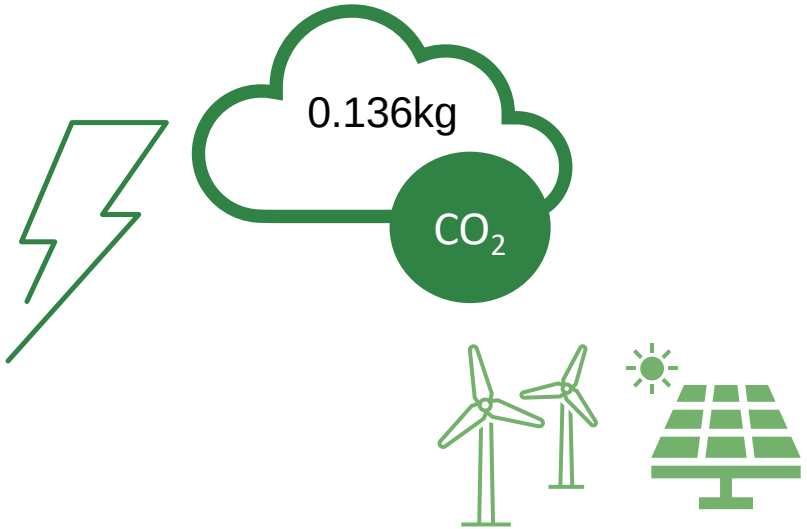




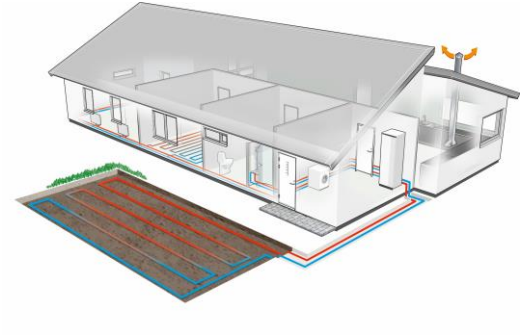
Heat Pumps – A Part of the Solution

- Heat pumps have an important role to play in decarbonising heat in buildings.
- Reduce primary energy consumption.
- Transition to electrification.
- The government have committed to installing 600,000 heat pumps a year by 2028.

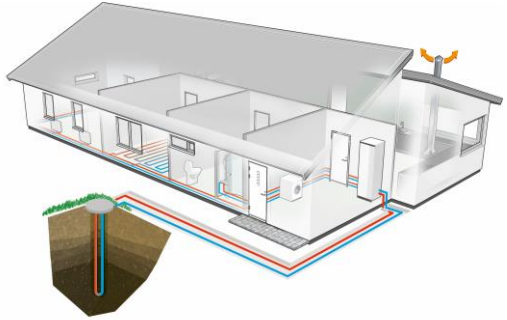
Introduction to Heat Pumps

How does a heat pump work?

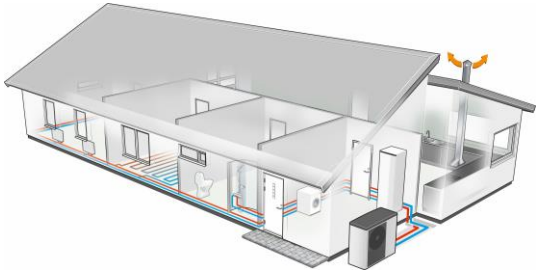
Ground Source / Air Source



GSHP Surface Collector



GSHP Borehole Collector



Air Source Heat Pump

Things to consider when buying a heat pump for your home

Technology

Ground Source Heat Pumps

- The most efficient heat pump technology, requiring no external mechanical equipment.
- Requires land for the installation of either a borehole or surface ground collector, which come at an expense.

Air Source Heat Pumps

- Easy to accommodate in new-build properties and more affordable than a GSHP system.
- Requires an external condenser unit.

Design

The design of any heating system is equally as important as the quality of equipment and its installation.

Heat Loss

- Has a room-by-room heat loss calculation been performed, confirming the required system output?

Heat Emitters

- Underfloor Heating or Radiators?
- Heat Pump systems operate more efficiently at lower flow temperatures.

Accessories

- Controls, Ventilation, Cooling, Solar and Pool Heating.

Funding - Boiler Upgrade Scheme (BUS)

- The Boiler Upgrade Scheme (BUS) will launch in spring 2022 to aid the decarbonisation of buildings.
- **£5,000** grants will be available to support ASHP installations
- **£6,000** grants will be available to support GSHP installations

Installer - Why use a NIBE Pro?

- Have completed NIBE product training and are MCS certified
- Can offer you an extended warranty, up to 7 years
- Have experience fitting NIBE technology
- Are signed up to NIBE's code of practice

Visit nibe.co.uk
to find a local NIBE Pro Installer

7 Year Warranty

NIBE Pro

One Integrated Platform


NIBE