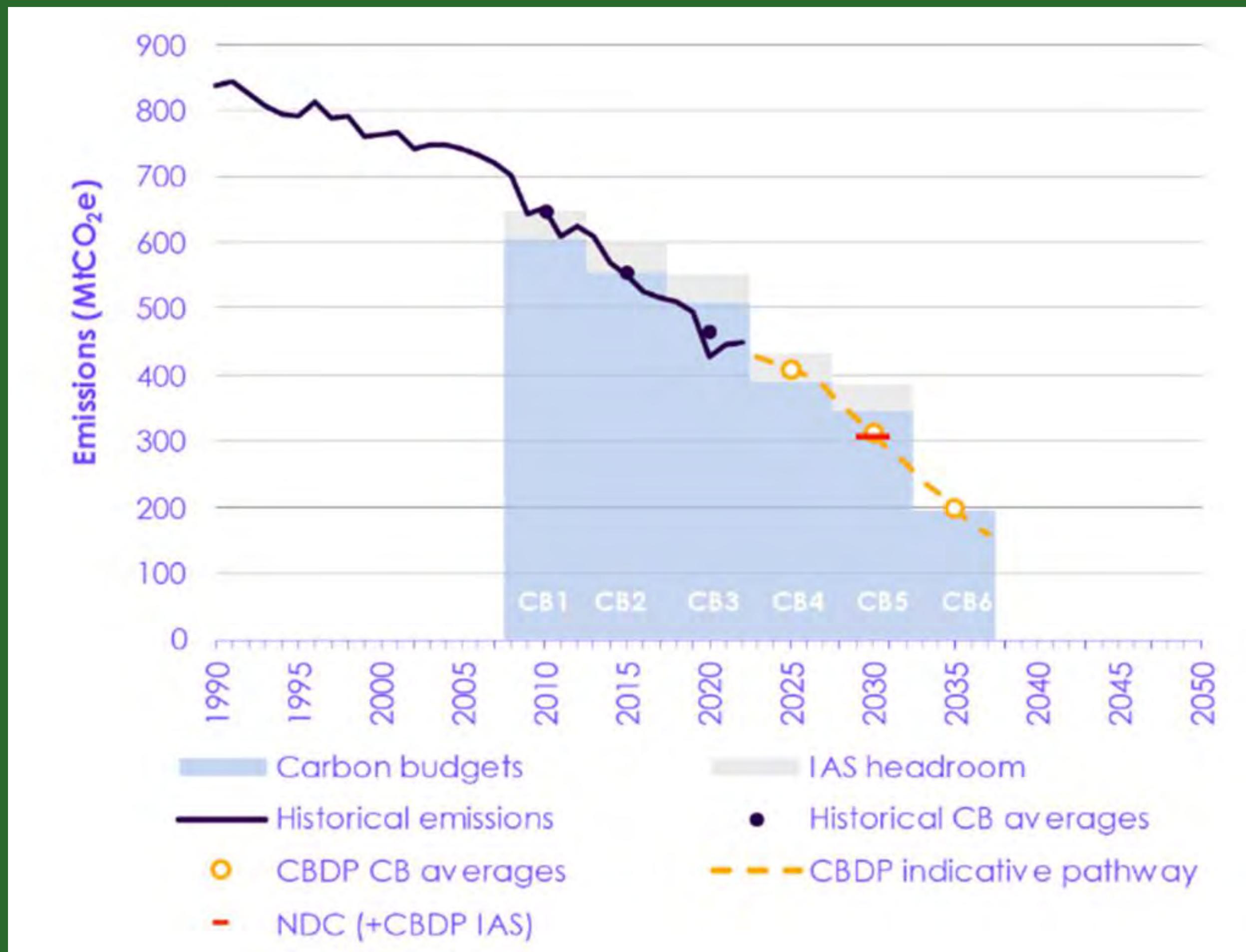


Building Services Forum - 28th November 2024

The Role of Heat Pumps

Olivia Smalley, Head of Policy and Communications.
HEAT PUMP ASSOCIATION





Source: CCC (2023) [Progress Report](#).

Legislative Drivers:



Department for Levelling Up,
Housing & Communities

Closed consultation

The Future Homes and Buildings Standards: 2023 consultation

Updated 4 March 2024

Help to save households money and deliver cleaner heat to homes

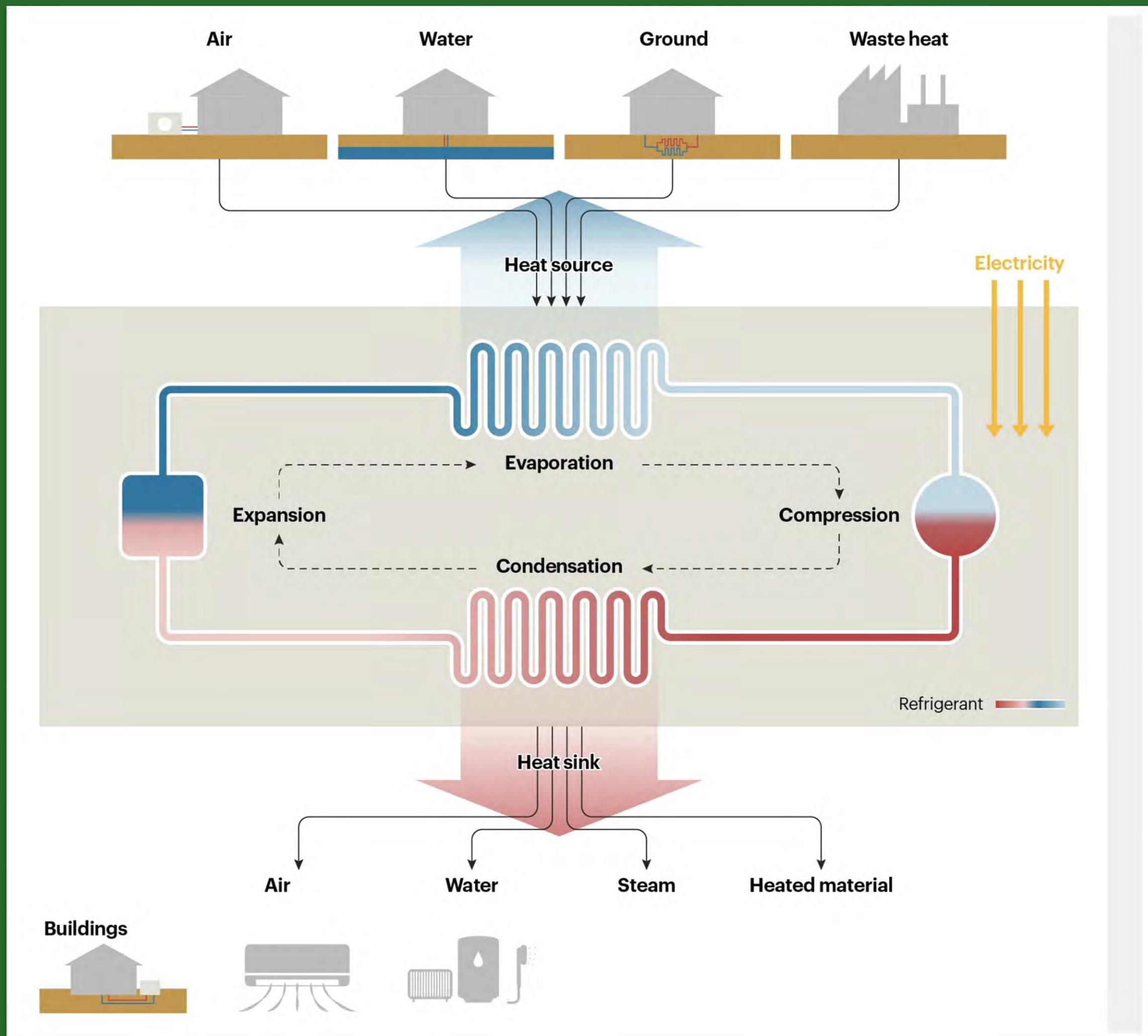
Up to 300,000 homes to benefit from upgrades next year, as government continues rollout of the Warm Homes Plan.

The UK's plans and progress to reach net zero by 2050

The Non-Domestic Private Rented Sector Minimum Energy Efficiency Standards

Implementation of the EPC B Future Target

Closing date: 9 June 2021





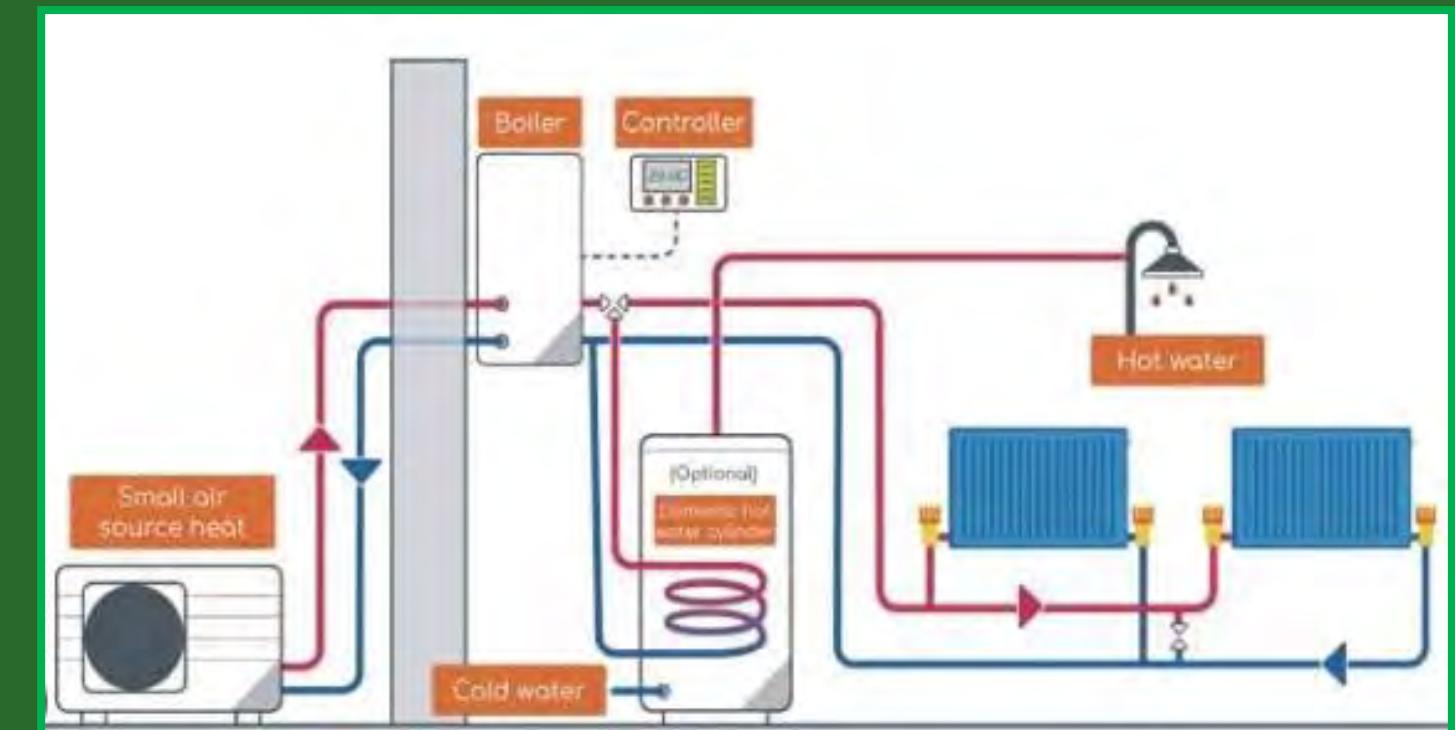
Air Source
Heat Pumps



Ground/Water Source Heat Pumps



Networked Heat Pumps



Hybrid Heat Pump Systems

Key Benefits:

High Efficiencies – meaning heat pumps use sometimes up to 5x less energy than fossil fuel heat sources to generate the same amount of heat.

Lower carbon – reducing carbon emissions by up to 80% compared to a gas boiler (possible higher once the grid decarbonises further)

Longer life – Heat pumps can last up to 20 years

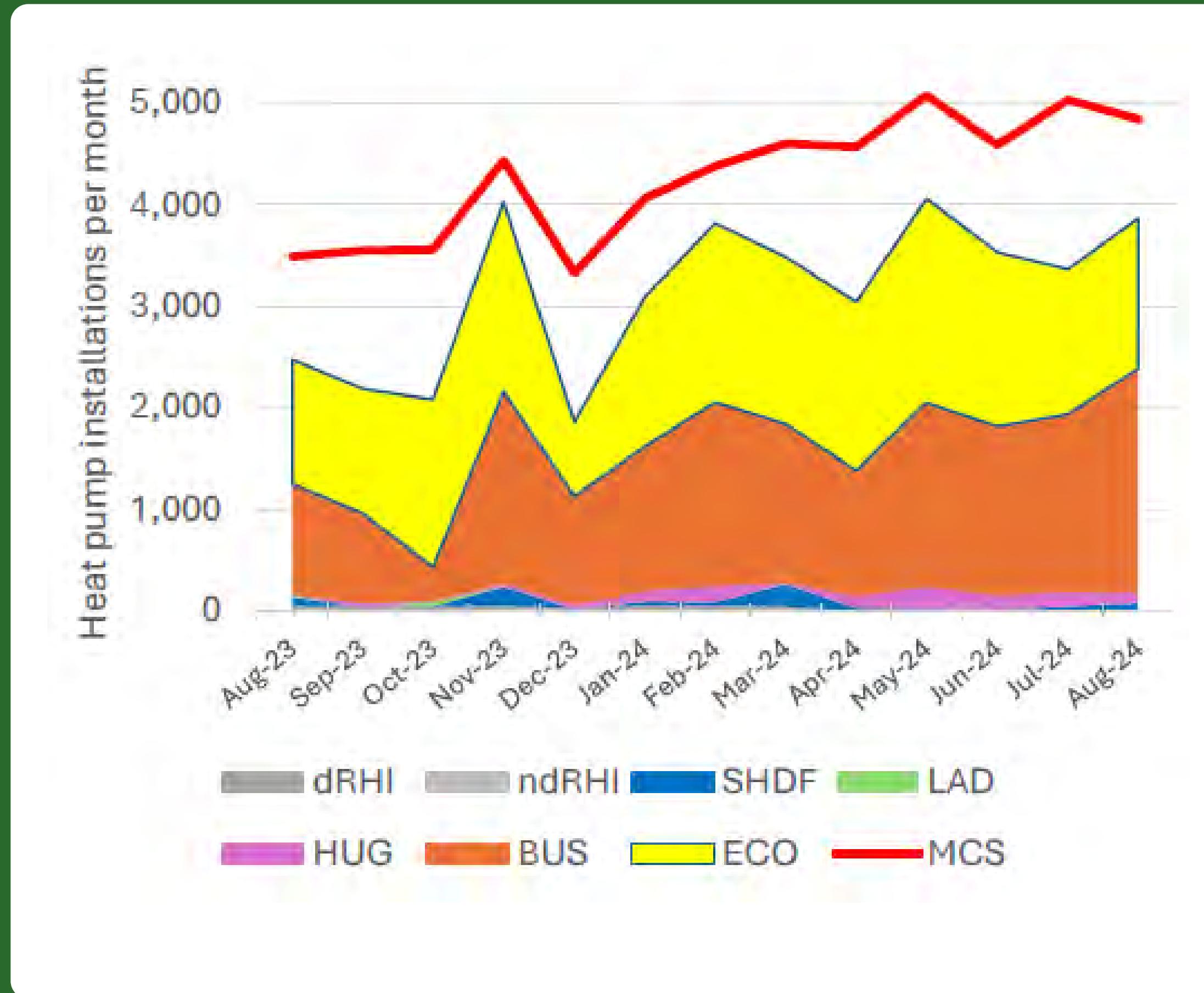
So where are
we now in
terms of the
UK market?



UK Heat Pump Factory Gate Sales by Type



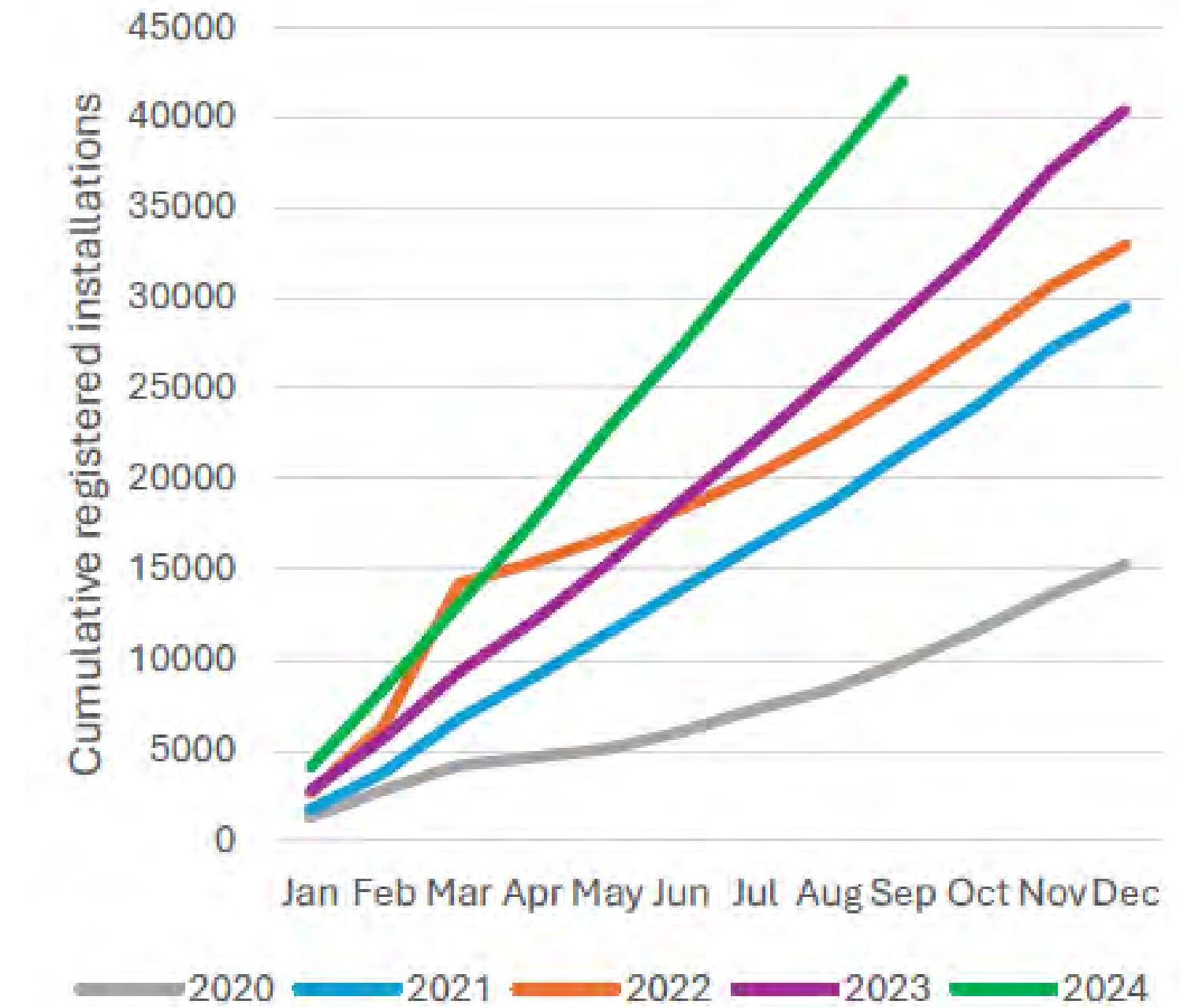
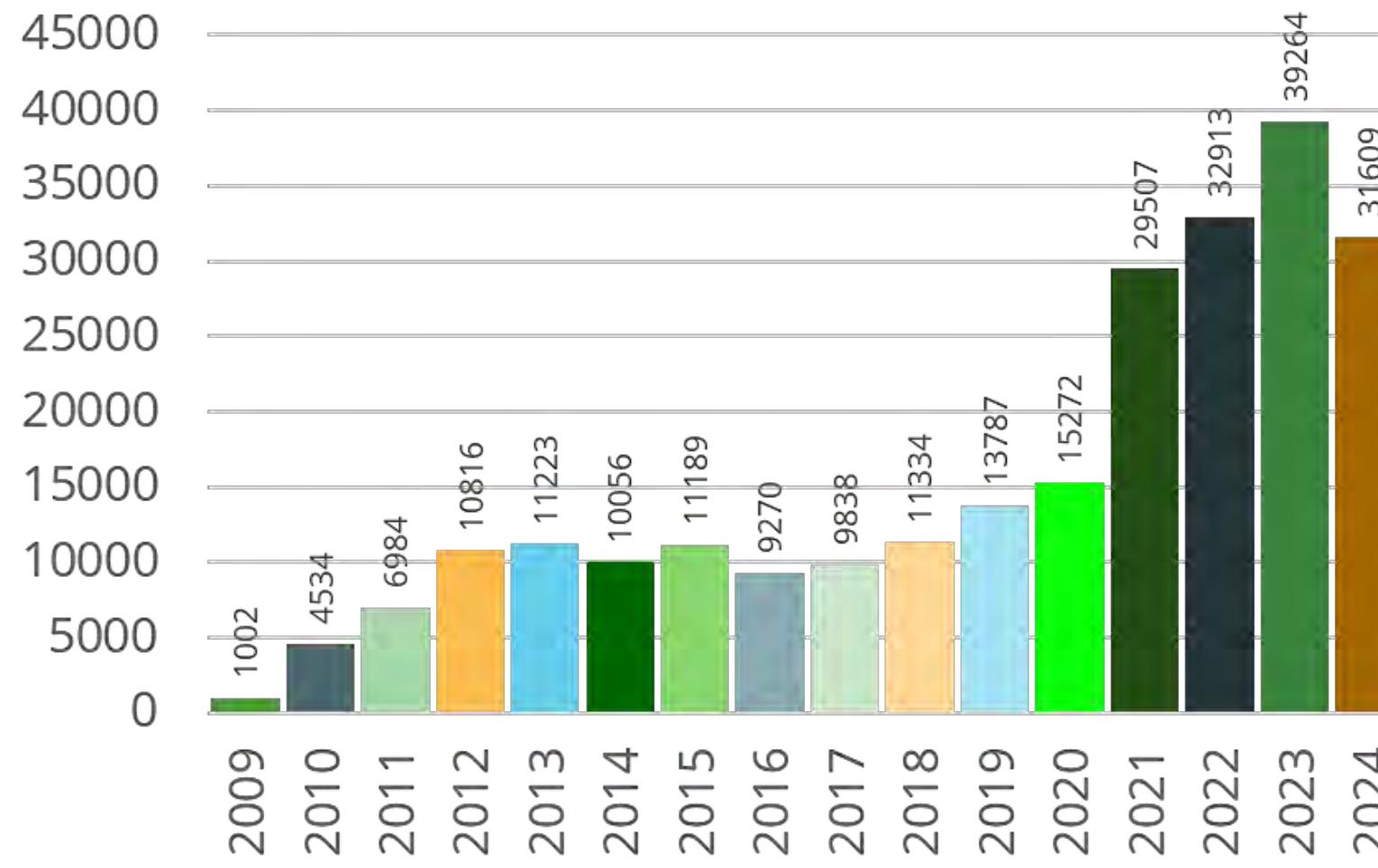
Heat Pumps supported by Government Scheme



MCS Registered Installations

MCS Registered Heat Pump Installations

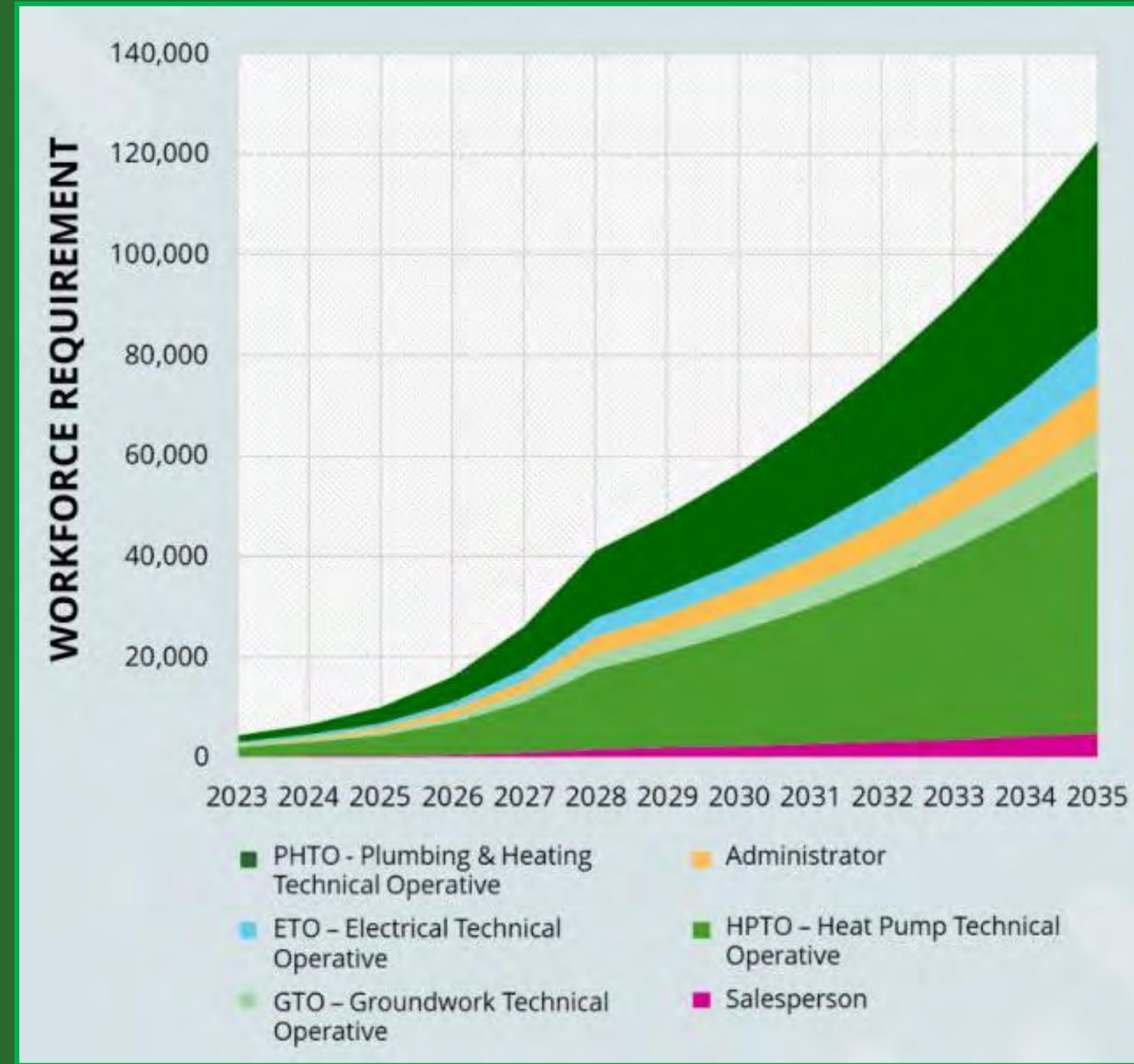
2009-2024



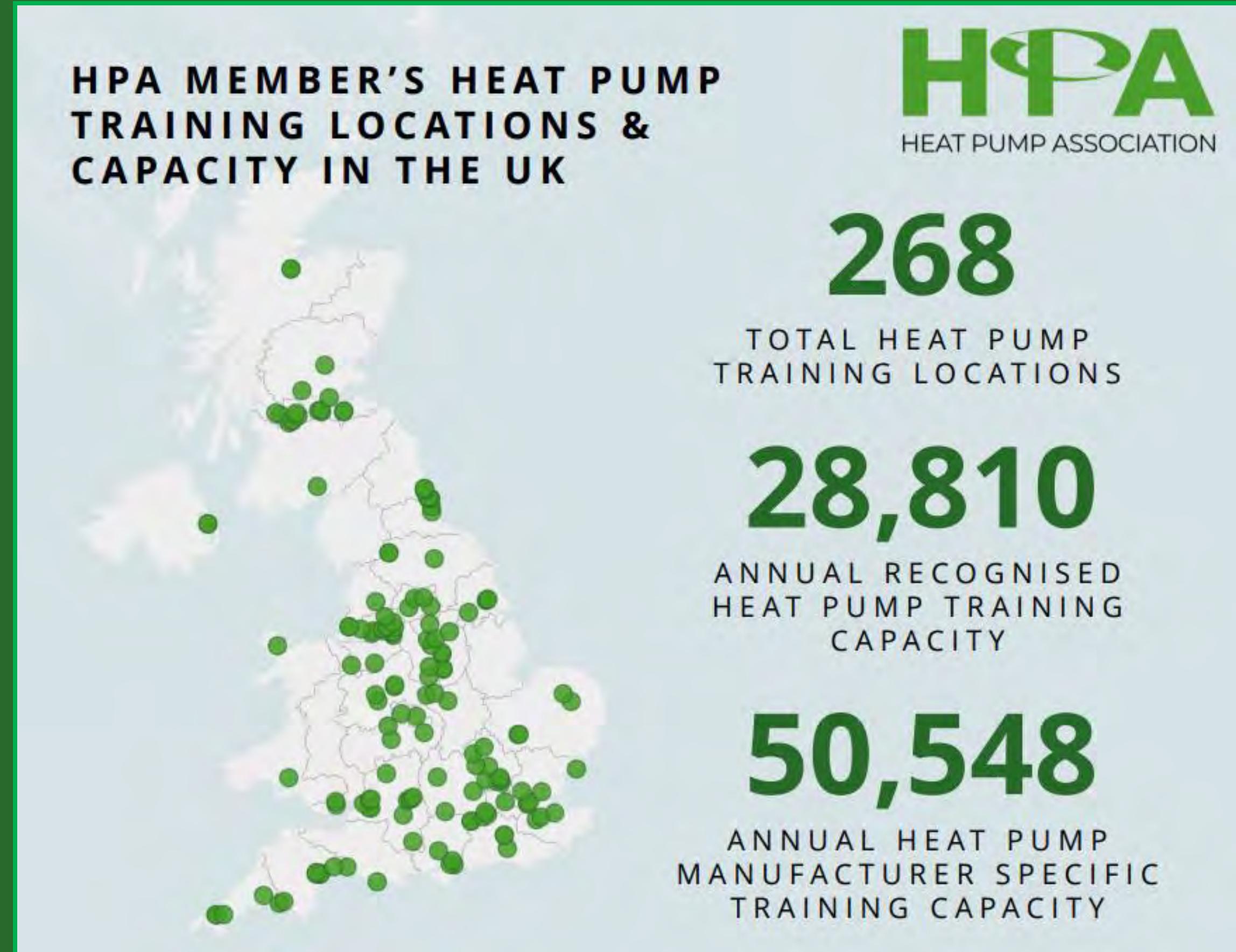
Number of Individuals Trained to install Heat Pumps in the UK



Overall Workforce Projection:



Training Capacity:



Expected Technical Developments

Closed consultation

Delivering a smart and secure electricity system: implementation



UK Parliament
POST

POSTnote 715

By Timothy Capper,
Josh Oxby
20 February 2024

Demand side response: A tool for lowering household energy bills



Guidance

Uses of F gas (HFCs) exempt from the phase down

Uses of hydrofluorocarbons (HFCs) not included in the phase down that do not count towards your quota, and rules on labelling, selling and reporting exempt HFCs.

Closed consultation

Home Energy Model: replacement for the Standard Assessment Procedure (SAP)

The Future looks bright

Warm Homes Plan – clean, cheaper heating for millions of homes

Boiler Upgrade Scheme – budget increase (£295 million for the next financial year)

Changes to ease planning barriers – removing the 1m rule

Warm Homes: Social Housing Fund and Local Grant

Plans to consult on increase energy efficiency standards for rented homes by 2030

Plan to increase energy efficiency standards for new boilers and heat pumps

Introduction of the Clean Heat Market Mechanism (1st April 2025)

Heat Pump Investment Accelerator competition funding for manufacturers

Three Key Recommendations for the New Government:



Reducing the Electricity and
Gas price differential



Introduce the Future Homes
Standard without delay



Set out credible, deliverable
heat pump deployment
pathway with milestones
which are monitored and
report on

Thank you!

Any questions?



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