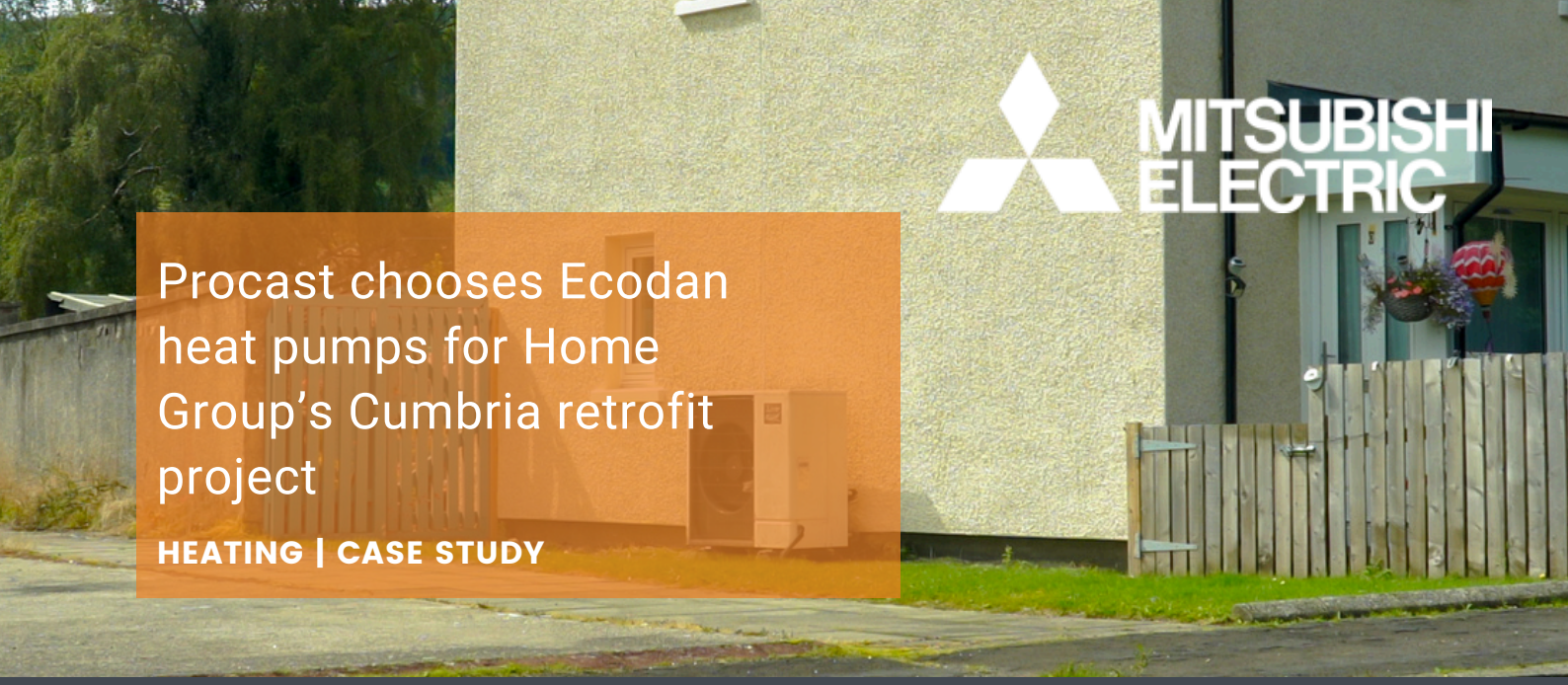


Procast chooses Ecodan heat pumps for Home Group's Cumbria retrofit project

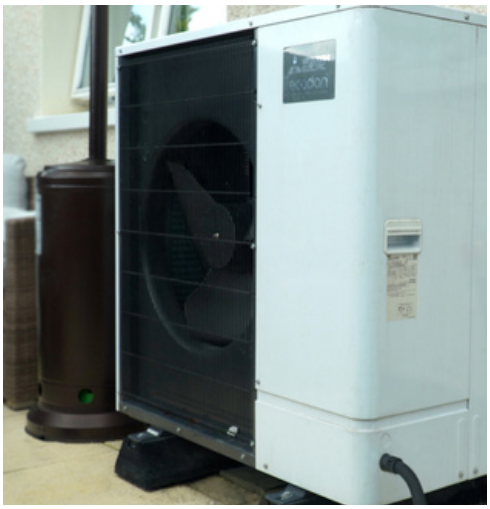
HEATING | CASE STUDY

Northern England

Housing Association

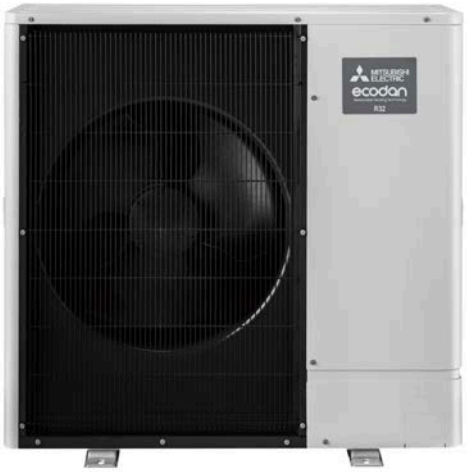
R32 Ecodan units installed

Mitsubishi Electric Ecodan R32 Air Source Heat Pumps have been retrofitted by the Procast Group across properties in Cumbria for Home Group housing association and installed by Dallium. Financial support was secured by Home Group from the government's Social Housing Decarbonisation Fund (SHDF) for the project with the aim of achieving energy efficiency, combatting fuel poverty, and cutting emissions.



The challenge of sustainability and affordability

In a £5.3 million one-year retrofit project, Home Group, one of the largest providers of social housing in the UK, is taking a fabric first approach to upgrade 90 homes. With a £1.2 million SHDF grant and a further £3.3 million from Home Group, the homes are being transformed and the tenants are benefitting from insulation, triple glazing, solar panels, battery storage, and Ecodan heat pumps.



Heating | Case Study

MITSUBISHI ELECTRIC

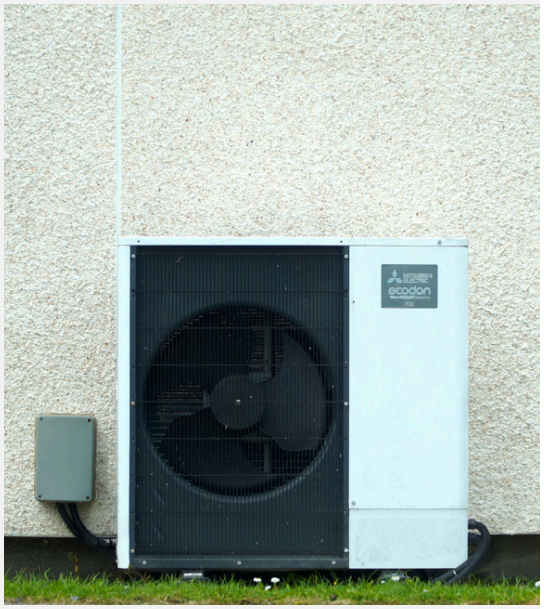
Home Group commissioned Procast Group, an award-winning contractor, to achieve its initial large scale retrofit project. The objective was to implement sustainable heating measures that would enhance energy efficiency for each property as part of an organisational long-term sustainability strategy. With this would come energy and cost savings for tenants in the face of a national cost-of-living crisis.

Procast's heating solution

Home Group took a fabric first approach. That meant Procast's measures were designed to keep warmth in and limit heat loss.

Procast removed the coal fires and back boilers from the homes and replaced them with efficient and accurately sized heat pumps. Each property was subsequently fitted with a 5Kw Ecodan heat pump and a 150L cylinder.

Improving energy efficiency for each tenant



Installing Mitsubishi Electric Ecodan heat pumps by Procast in this retrofit project has contributed to Home Group's sustainability and net zero ambition, improved energy efficiency and enhanced home comfort for their tenants.

Ecodan R32 heat pumps are a reliable zero carbon solution for sustainable heating for houses. The execution of sustainable heating measures has significantly reduced heat loss in each property by over 50%. The government estimates that this investment in the Sustainable Housing Development Fund (SHDF) will result in approximately £170 in annual energy cost savings for tenants. Furthermore, the government envisions that this investment will play a crucial role in achieving net zero emissions by 2050.

Heating | Case Study

MITSUBISHI ELECTRIC

Sustainable Housing Development Fund (SHDF)

What is SHDF?

SHDF is a UK government initiative to improve the energy performance of social homes in England. The fund was announced in 2020 as part of the government's plan to reach net zero emissions by 2050.

What is the value of SHDF?

The Government plans a £3.8bn Social Housing Decarbonisation Fund over a 10-year period, to impr ove energy efficiency in social rented homes. A £62m fund was announced in 2020, and an additional £160m was allocated for the initial phase of the SHDF, running until January 2023.

Who can apply for SHDF?

The SHDF is available to Registered Providers (RPs) of Social Housing, including Private and Local Authority (LA) providers, Private Registered Providers including Housing Associations.

MITSUBISHI ELECTRIC
Changes for the Better

Telephone: 01707 282880

MELSmart Customer Services & Support: 0161 866 6089

Option 1 - Homeowner
Option 2 - Air Conditioning, Ventilation, Commercial Heating & Modular Chiller Support
Option 3 - Ecodan Installer or Service Provider

email: heatingmeuk.mee.com
website: ecodan.co.uk

UNITED KINGDOM Mitsubishi Electric Europe
Living Environment Systems Division
Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England
General Enquiries Telephone: 01707 282880 Fax: 01707 278881

IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland
Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R290 (GWP:3), R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Follow us @Ecodanheating
Mitsubishi Electric Heating UK
Ecodan Home UK
Ecodan Home UK
Mitsubishi Electric Heating UK
BLOG thehub.mitsubishielectric.co.uk

Green Gateway
www.greengateway.mitsubishielectric.co.uk
Mitsubishi Electric UK's commitment to the environment