



SWAN centre
is upping the
stakes in low
carbon heating

The SWAN Rural Enterprise Centre near Towcester is the latest commercial building to benefit from low carbon, low cost heating using an Ecodan air source heat pump.

Set in a stunning location, this centre aims to bring education and businesses together. Funded through the East Midlands Development Agency, the centre boasts a professional chef's kitchen alongside a working garden providing students with the chance to grow and cook their own fruit and vegetables professionally.



Air Conditioning | Commercial Heating
Domestic Heating | Photovoltaics





Installation Summary

Ecodan heating was chosen for this farm conversion for the efficiency it offers.

A 5kW Ecodan has been installed.

Ecodan provides both the underfloor heating and hot water for this centre.

Installation took 2 days.

Ecodan delivers efficient, low carbon heating via underfloor heating

Ecodan harvests free, renewable energy from the outdoor air so that for every 1kW of electricity consumed, at least 3kW of heating is supplied to the property.

The whole system was fitted by Mitsubishi Electric Accredited Ecodan Installers - ACS Renewable Solutions Ltd.

“We have fitted a polycarbonate panel to show off the underfloor pipe work,” explains Commercial Sales Manager, Ray Paice. “The water tank was installed in the loft space of the single-storey building and we have also made the access panel transparent so that students can see the lit installation.”

The beauty of this system is its efficiency and innovative installation that allows the students to see and understand how Ecodan works

The former dairy farm and barn next door provides a connected space with a working room for up to 24 students. In addition, there are smaller working rooms and an office and conference room.

“We will be holding networking days for employers to meet students who are drawn from secondary schools and education colleges within south west Northamptonshire,” explains Sam Fitzgerald, SWAN's Business Engagement Manager.

“One of the key elements is ensuring that students understand the connection between the food they grow and the food they cook. “In the same way, we wanted a heating system that provided the absolute comfort needed but made the least impact on both our operating costs and our carbon footprint.”



Changes for the Better

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Certificate Number: MCS HP0002
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Mitsubishi Electric's commitment to the environment

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