

Reducing our carbon footprint

**Press
Pack**



"Our homes are responsible for generating a quarter of the UK's damaging carbon dioxide emissions. It's no surprise that one of the biggest challenges we face as architects and home builders is to design and build environmentally sustainable housing. To address this problem we must work together to challenge conventional design and construction practice.

Windows play an incredibly important and somewhat unique role in helping to deliver low energy homes. They must have high levels of air tightness and insulation, keep thermal loss to a minimum, maximise the benefits of solar gain and let in natural light – not to mention that they must themselves be made out of sustainable materials."

Kevin Brennan, Head of Sustainability, VELUX

Buildings are major consumers of energy, representing about 40 % of all energy consumption in Europe. By comparison, all transport put together – by road, rail, sea and air – represents 'only' 30%.

Here at VELUX we have made a firm commitment to sustainable living. Every one of our window solutions is designed to keep thermal heat loss to a minimum, to make the most of solar gain and let in natural light. Our aim is to help create healthy buildings that address the climate challenge – and are also great places to live. For more information on our commitment to the environment, please see the files **Sustainable Living** and **VELUX and the environment**.



"The sun is the most powerful source of energy we have and we should be making the most of it. Here at VELUX we believe solar power is crucial in reducing CO2 emissions."

Kevin Brennan, Head of Sustainability, VELUX

A recent government study showed that 65% of those polled believed that the wasting of energy in offices and homes are contributing to global warming, with 76% considering installing solar panels to combat these effects. If solar thermal panels were installed in every home in Europe, the saving could amount to some 20,000,000 tons of oil – equivalent to taking 20 million cars off the road every single year*.



The VELUX Solar Hot Water System

The VELUX Solar Hot Water System combines our flair for exceptional roof products with energy produced by the sun to create an integrated water-heating system that is ideal for new and existing properties.

By harnessing the sun's natural energy, the VELUX Solar Hot Water System can typically provide up to 70% of a home's hot water requirements – dramatically reducing fuel bills and benefiting the environment.

The system can typically reduce a household's CO2 emissions by 500kg a year – is easy to install and run, making it a natural choice for UK homeowners. Please see the attached file - VELUX Solar Hot Water System for more information.

For more information on our commitment to the environment, please see the files Sustainable Living and VELUX and the environment. If you have any further questions, please call **01595 77 22 11** or email **press@velux.co.uk**