

Our ground-breaking Glass project secures BEIS funding



BEIS NZIP Industrial Fuel Switching funding awarded for KEW & NSG Pilkington's Modular Approach to Decarbonisation of Energy (MADE) for Glass Project

Together with NSG Group, we are pleased to announce we have been successful in our MADE for Glass funding application under the Department for Business, Energy & Industrial Strategy's Net Zero Innovation Portfolio Industrial Fuel Switching (IFS) programme.

With our key partners, NSG Group's Pilkington United Kingdom Limited and NGF Europe Limited, we are developing an Industrial Co-location solution providing on-site fuel switching. For this, our techno-commercially proven and innovative modular advanced gasification units would be used to provide syngas as a pressurised natural gas substitute to reduce the consumption of carbon-intensive natural gas and subsequent emissions at the two NSG Group glass manufacturing sites in St Helens.

Our MADE for Glass project represents an important step for NSG Group in its aims to decarbonise its production processes and achieve a 30% reduction in site emissions by 2030 and, as such, is identified as part of their Transformation journey. Neil Syder, managing director at Pilkington United Kingdom Limited, said: "We are excited to explore the potential for syngas as a lower-carbon alternative fuel to natural gas in support of our decarbonisation objectives. This project will enable us to better understand the technical and commercial benefits that KEW's technology can deliver."

The wider deployment of our Industrial Co-location solution across the UK's energy-intensive industry, which this funding will unlock, will greatly assist in enabling the UK to achieve its 78% CO2 reduction target by 2035. Successful deployment made possible by the NZIP IFS program funding will also ensure the UK efficiently converts the greatest possible energy available in its existing waste and biomass resources to achieve the greatest possible GHG reductions of those hard-to-decarbonise energy-intensive industries. Our CEO, Kamal Kalsi said: "Our participation in BEIS' Industrial Fuel Switching program provides a great opportunity to develop and demonstrate the decarbonisation benefits which the commercial deployment of our advanced gasification technology can deliver to the UK's energy intensive industries. We look forward to working with the NSG Group on this program."

Not only should successful deployment arising from this BEIS funding support decarbonisation of the UK economy, but it would also increase the UK's energy security through enabling UK industry to reduce its cost exposure to global fossil fuel price risk through providing long term fixed price energy.

About NSG Group

NSG Group is the world's leading supplier of glass and glazing systems in the business areas of Architectural, Automotive and Creative Technology. Architectural manufactures and supplies architectural glass as well as glass for the solar energy and other sectors. Automotive serves the original equipment (OE) and aftermarket replacement (AGR) glazing markets. Creative Technology comprises several discrete businesses, including lenses and light guides for printers and scanners, and specialty glass fiber products such as glass cord for timing belts and glass flake. <https://www.nsg.com>

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