



Core364

A pioneering project in Sunderland saw the largest tower block gas replacement in the UK with EQUANS leading on the work.

An innovative project to install lifesaving sprinklers and ground source heat pumps for the benefit of 364 flats in Sunderland was led by EQUANS and involves what was thought to be the largest gas replacement in high-rise tower blocks in the country.

The project, named 'Core 364', was delivered on behalf of North East housing association Gentoo, as part of a £9million investment in the tower blocks.

Residents in Gentoo's seven blocks will benefit from significant energy bill savings as a result of uniquely heating both their home and water with renewable heat from the Earth's core.

The move, which aims to maximise the fire safety of these seven tower blocks, also saw upgrades to the fire alarm and smoke detection systems in each of the blocks, as well as the installation of a state-of-the-art sprinkler system.

EQUANS managed all aspects of the award winning project and worked in partnership with contractor Kensa Heat Pumps Contracting, to install the new low carbon, high efficiency and cost-effective Ground Source Heat Pump system.

The switch to the Zero Carbon system means that 2,600,000 tonnes of CO² will be stopped from being emitted into the atmosphere over 20 years.

EQUANS' expertise in wide scale regeneration and energy projects ensured the project was delivered effectively, providing North Tower residents with a modern heating system and enhanced fire safety features.

