



Creating the world's largest solar bridge at Blackfriars

The new Blackfriars station – which is being built on a bridge spanning the River Thames – is on its way to becoming the world's largest solar bridge as Solarcentury begins the installation of over 4,400 solar photovoltaic (PV) panels.

The Victorian bridge, built in 1886, is the foundation for the new Blackfriars station, which is being upgraded by Network Rail to cater for more passengers and an improved train service. A new roof, added to the historic structure, will incorporate over 6,000m² of PV panels, creating the biggest solar array in London by mid 2012.

The solar panels will generate an estimated 900,000kWh of electricity every year, providing 50% of the station's energy and reducing CO₂ emissions by an estimated 511 tonnes per year. In addition to solar panels, other energy saving measures at the new station will include rain harvesting systems and sun pipes for natural lighting.

