

RE:FIT Projects Tranche 1: Borough Hall – Oil to Gas Conversion



Background to the RE:FIT programme

Bedford Borough Council is working in partnership with Mitie to install a series of energy conservation measures and renewable energy technologies in a number of Council buildings. Mitie guarantees the energy and carbon savings to be achieved over the lifetime of the energy performance contract. One of the sites in Tranche 1 of the RE:FIT programme is Borough Hall.

Project Details

Borough Hall's heating system has been converted to operate on natural gas rather than oil.

A new pipeline supplying gas to the site has been installed and the oil burners on the boilers have been replaced with gas burners, enabling them to operate off gas. This has resulted in significantly lower fuel costs and now allows the Council to utilise a less carbon intensive fuel. The domestic hot water system is also now fuelled by gas rather than oil.



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Savings

Depending on usage, it is estimated that 1,513,583kWh of the buildings' annual thermal demand will be met by gas, generating a financial saving of £45,700 and a carbon saving of 95,673 kgCO₂/ annum.