



Reading
Borough Council
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Decarbonising Cultural Venues

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Reading

- Reading Borough Council has now cut its own carbon footprint by 71.3% in just 13 years (2008/9).
- Reading's carbon footprint has been cut by 55% since 2005 – the 4th largest reduction for the whole of the UK.
- Reading became one of only 19 UK Councils named as Climate Action Leaders



Reading

Reading Town Hall



Reading Town Hall

Actions:

- Window Seals
- Improved Insulation – Concert Hall, Victoria Hall, Silchester and Victorian Gallery
- LED lighting Museum gallery, concert hall and kitchens, ceremony room.
- Solar film (windows)
- New building management system

Impact:

Gas savings – 46 tonnes pa.

Electricity savings – 219 tonnes pa.

265 tonnes of carbon per year saved



The Hexagon



The Hexagon

The Hexagon has potential for significant reductions in carbon emissions via:



Secondary glazing to the windows where practical



Thermal insulation to the roof.
This is also an opportunity to re-roof the flat roof



Installation of a PV system



Replacement of the existing gas boilers with an open loop ground source heat pump system or air source heat pump

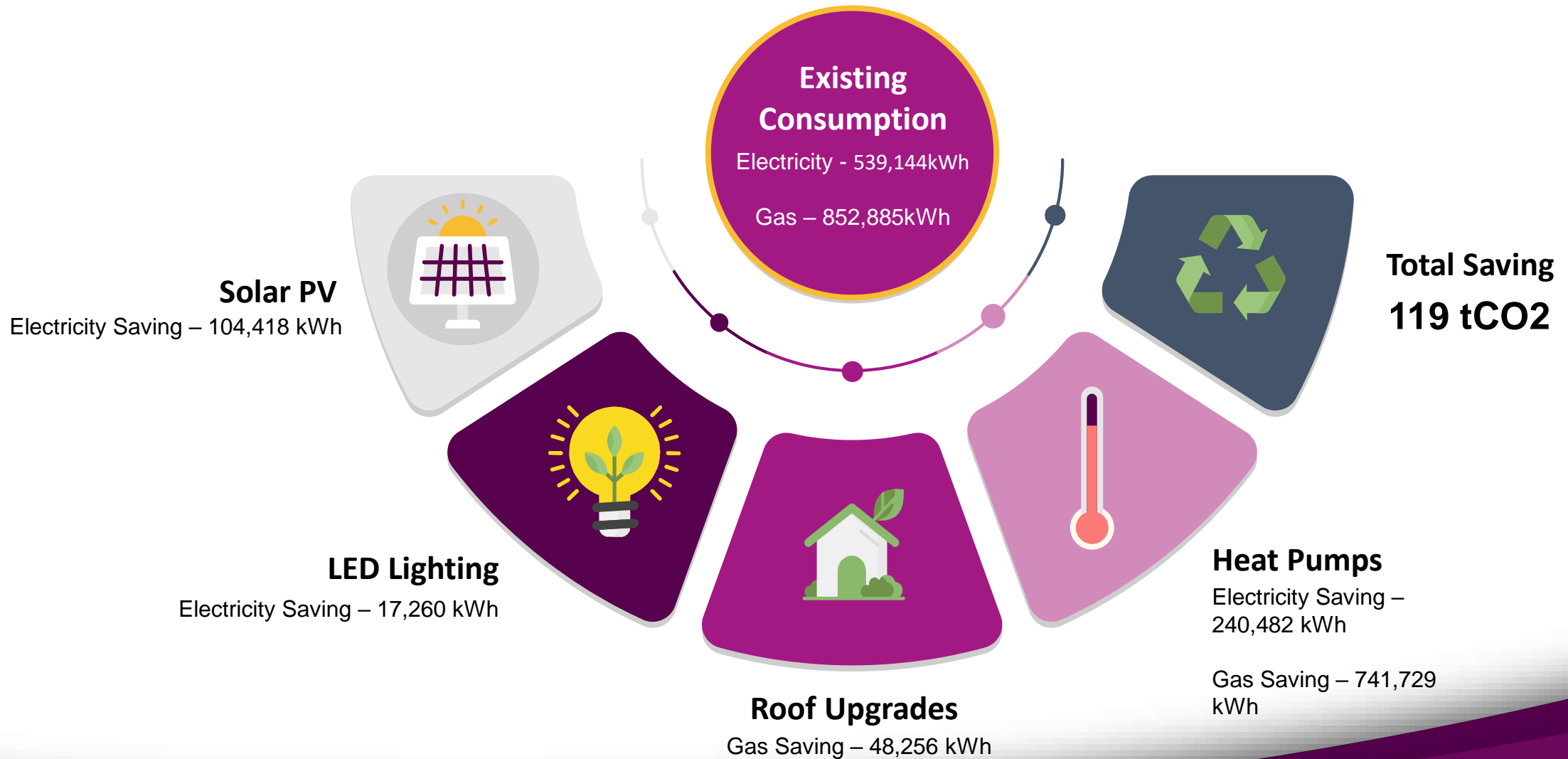


Installation of LED lighting and stage lighting



Additional doors to further thermally isolate the loading bay from the circulation spaces

Total carbon savings from improvements



Any questions?

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