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Cast of Characters

- The Crystal
- Scottish Parliament
- John Hope Gateway
- London City Hall GLA



The Crystal





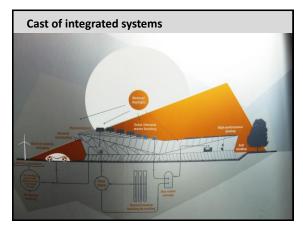
Half Office -Half Exposition Siemens Urban Sustainability Centre - The Crystal The Urban Sustainability Centre sits at the heart of London's Green Enterprise District on the western edge of the Royal Victoria Dock. The architectural concept for the building is based on two interlocking parallelogram forms with multiple triangular facets. Its crystalline geometry responds to its special location and contrasts with the curve of the O2 Arena beyond. A palette of reflective and transparent materials catches the light in different ways to create a dynamic composition on the

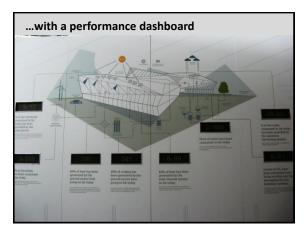
Together with the exhibition hall which will host public events, the centre also includes an auditorium, conference and meeting facilities and office space. As a showcase for sustainable design and construction, the building incorporates high performance materials and building systems. The centre opened to the public in September 2012

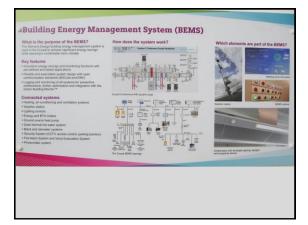
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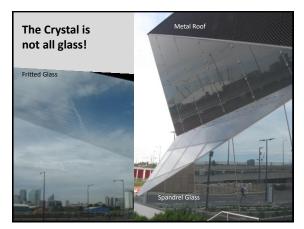
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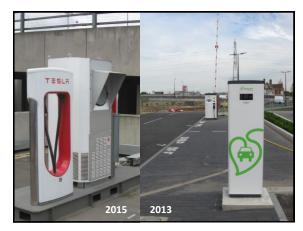


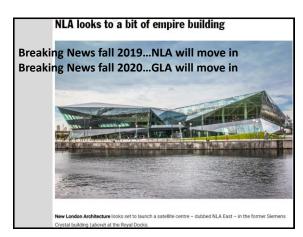


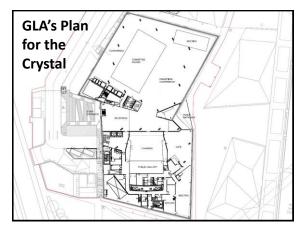




























Environmental Performance

Excellent progress was made in 2013/14 to reduce the Parliament's carbon emissions with emissions reduced to 3023* tonnes of CO2e. This is a reduction of 30% on our baseline year of 2005/06 and a reduction of 6% on 2012/2013. This reduction ensures that the Parliament is on course to achieve its ambitious target to reduce emissions by 42% by 2020. The majority of the reduction was due to the installation more efficient

The majority of the reduction was due to the installation more efficient technologies in the areas of lighting, air conditioning and pump controls and improved control of the buildings heating and ventilation systems.

Carbon Footorint

Reduce the Carbon Footprint by 32% from the 2005/2006 total by March 2015.

Progress by March 2014 - 32% reduction, by March 2017 – 36% (actual 31%)

Electricity

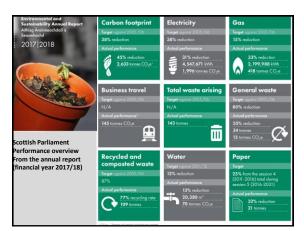
Reduce incoming electricity use by 32% from the 2005/2006 total by March 2015. Progress by March 2014 – 30% reduction, by March 2017 – 36% (actual 30%)

Reduce landfill waste by 72% from the 2005/2006 total by March 2015.

Progress by March 2014 – 68% reduction. Recycling rates are approximately 80%

By March 2017 – 72% reduction. Recycling rate 89%

31



32

