



BETTER
HOMES,
BETTER
LIVES

TSC - Building Users View

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-  Zero carbon
-  Zero waste
-  Sustainable transport
-  Sustainable materials
-  Sustainable packaging
-  Sustainable water
-  Natural habitats and wildlife
-  Culture and community
-  Equity and fair trade
-  Employee engagement

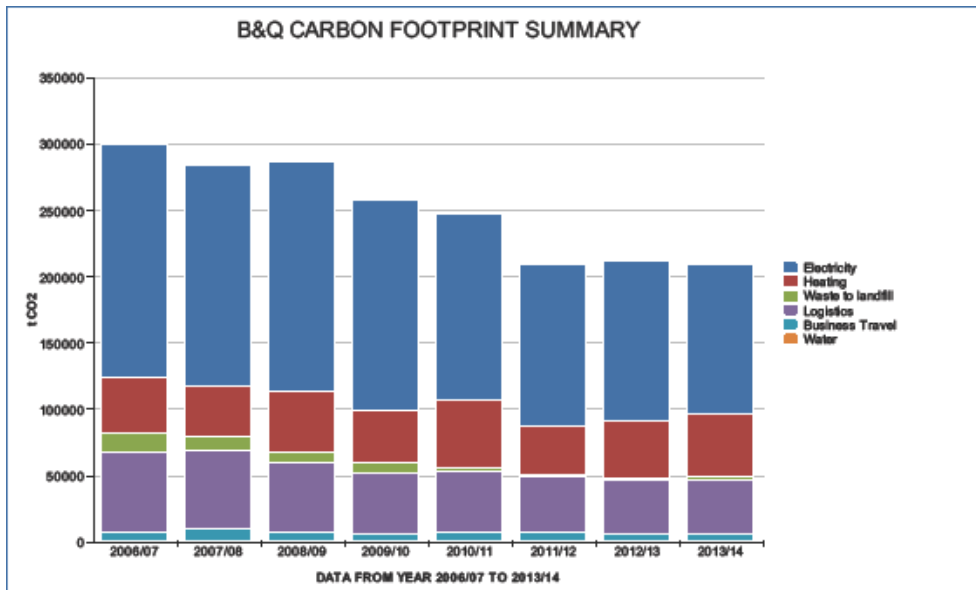
OPH Zero Carbon 2016 milestones

- 20% reduction in emissions from heating fuels
- All new stores to be zero carbon

OPH Zero Carbon 2023 target

- All stores to be zero carbon

Progress to Date



37%

reduction in emissions from property electricity use

7%

increase in emissions from property fossil fuels

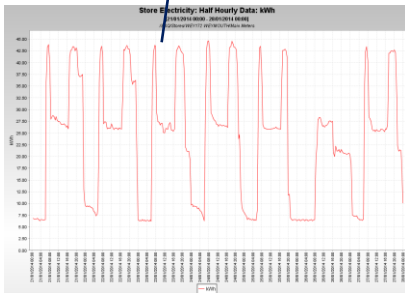
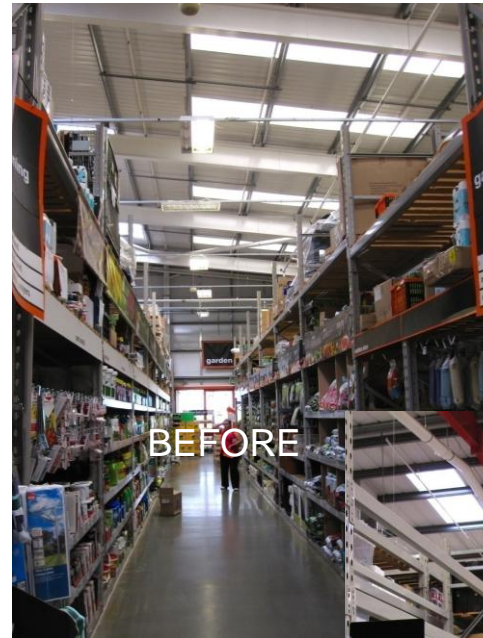
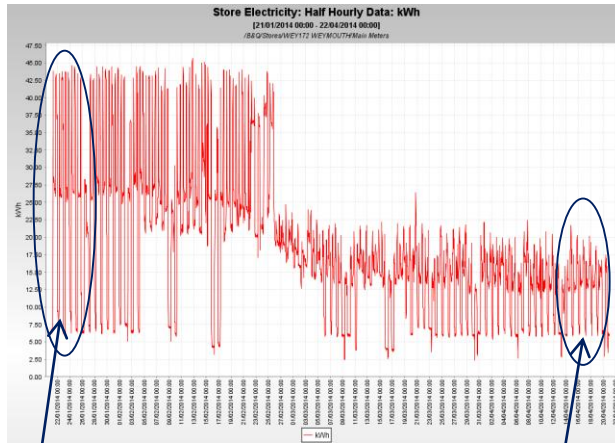
30%

reduction in emissions from haulage and business travel

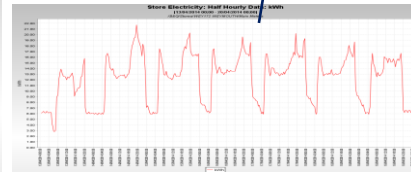
89%

reduction in emissions from waste to landfill

Electricity - LED Lighting a success ...



Before - 4x49W T5



After - 60W LED



... but how do we tackle gas?

Building User Experience

- + Reduced carbon emissions from heating system. Reduced heating bills. To be validated
- + Lowered lighting (6.5m to 5.3m). Increased lighting level. More dimming potential. Increased energy saving potential. To be validated
- Top stocks could be more difficult to work (No adverse comments yet)
- Future flexibility (Fortunately new B&Q format uses lower racking except around perimeter)

Lessons learnt

- Earlier coordination required for services design and programme management