

Energy Projects in Reading

Reading Borough Council

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Reading
Borough Council

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Our first strategy

Stepping forward for Climate Change

Reading's Climate Change Strategy 2008 - 2013



Lead by example

Halving RBC carbon emissions by 2020

Work in partnership

Reduce borough emissions by 34%



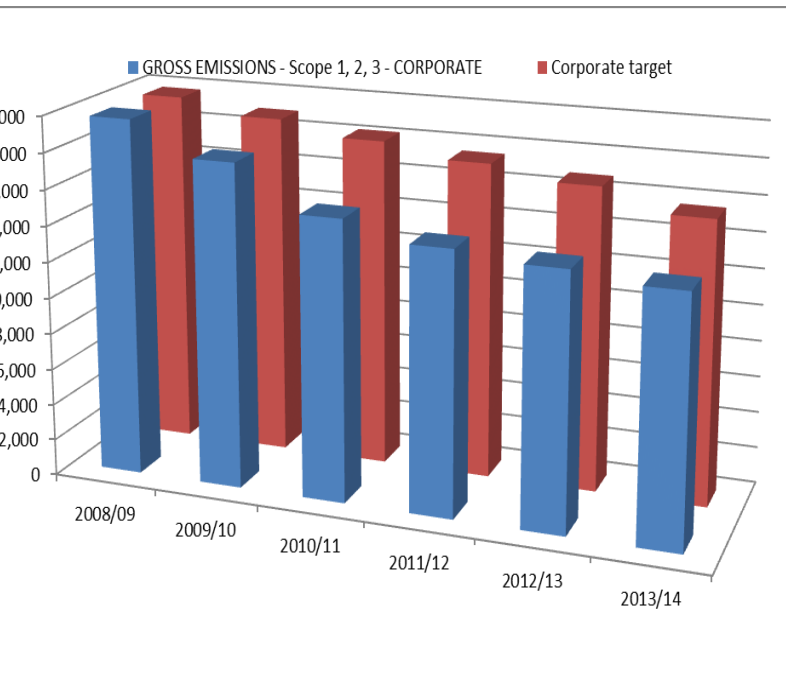
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How did we do?

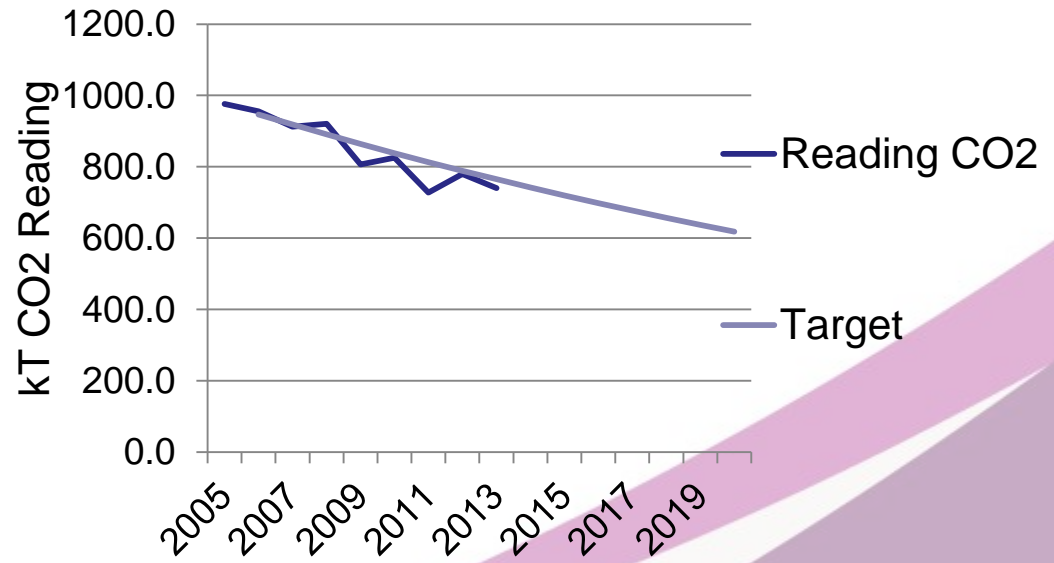
The Council

Emissions ahead of target

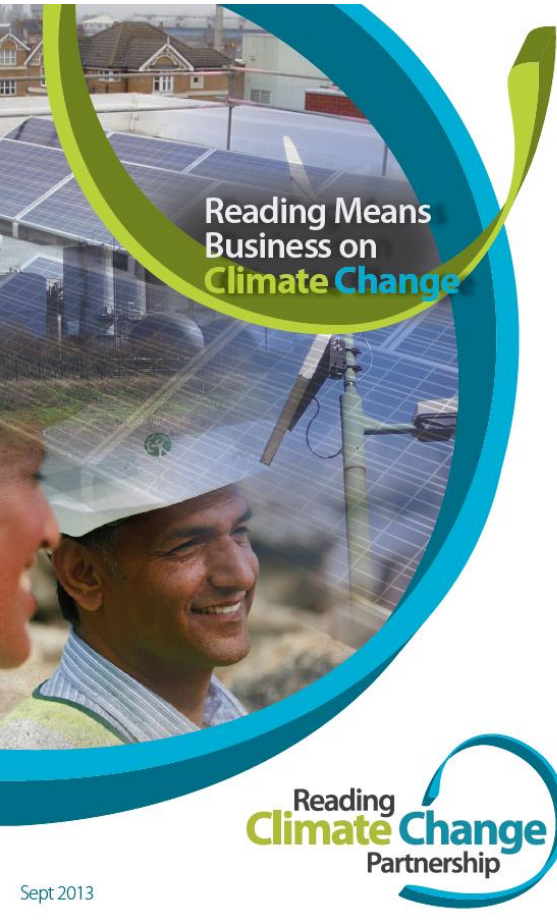


The Borough

Carbon Footprint of Reading against Target



New Partnership Strategy 2013-20



Reading's Climate Change Strategy 2013 – 2020

- Aim - 7% p.a CO₂ reduction for participants
- Sets a renewable energy target of 8%
- Sets a borough target of 34% against 2005 baseline.
- Comprehensive action plan



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Retrofitting

2008 to 2014

SALIX

- revolving fund - £1.5m spent since 2008, 37,000 tonnes CO₂ savings

Solar panels

- Over 40 large buildings inc schools & community
- Community Solar 335kWP - ring fenced for RCCP
- Solar Schools – fund raised

10% LED streetlights



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Carbon Plan 2015-2020

Current Projects

Civic Refurbishment

- 75% reduction in energy
- LED & controls
- 148kWp solar panels

100% LED streetlamps
£9m

- Savings of £700k p.a.

Solar on 465 houses

- (1.3MWp)



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What did we learn?

- Policies shift!
- Information/data is a challenge!
- Data is really difficult to manage
- Models are crude
- Operation is critical



What's next in the Carbon Plan...

- Whole building approach
 - Energy Performance Contracting
- Developing a more sophisticated M&V approach
- EnMS?
- How will we achieve our renewable targets with policy shifts?
 - Solar farm
 - Pre-registering community solar sites



Senior Leadership is Critical

Who's who

- Political Leadership
- (Finance Director)
- Section 151 officer
- Your own management chain
- Decision makers
- Internal, finance, asset, property, building managers etc

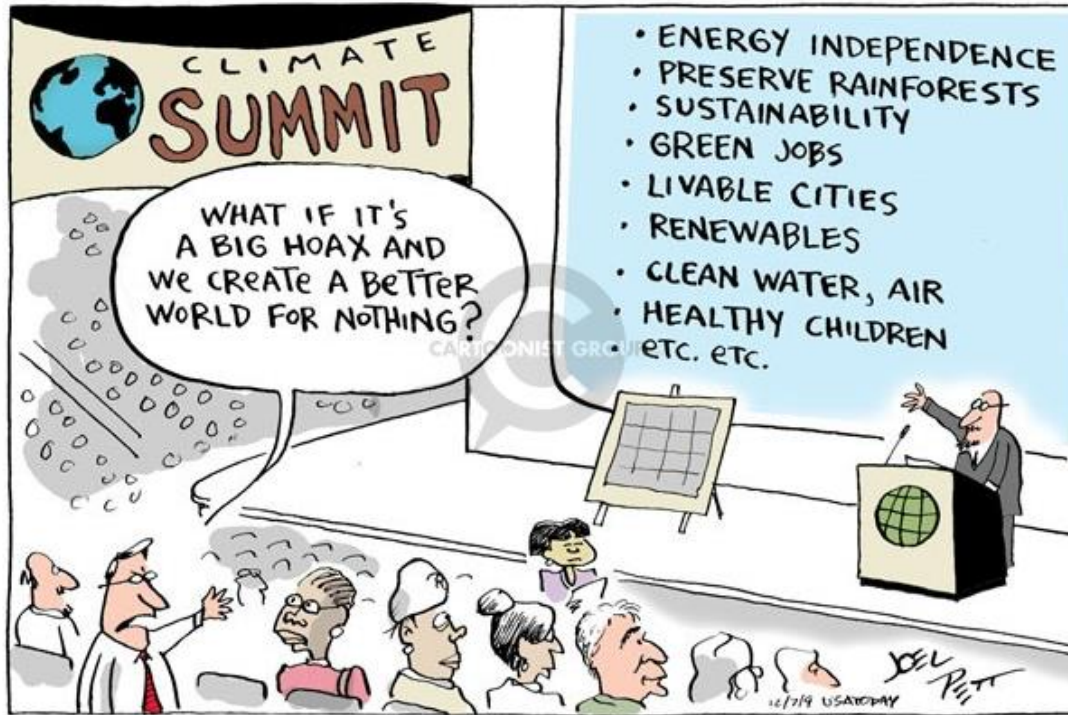


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Lessons Learned

It's not only about money...

What happens if Climate Change turns out to be a hoax...



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APSE Energy Efficiency Support

- What help is needed
- Where are your barriers?
- Skills
- Finance
- Opportunity – Business Planning
- Next Steps – Scoping

