

Sustainability and Climate Change

Ben Burfoot
Sustainability Manager



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The story so far

We were originally founded in 2008 as part of the Local Strategic Partnership and have developed two previous climate change strategies for Reading



Monitoring and Reporting



371 buildings
461 meters
50 sub-meters in
Civic Offices

Annual reporting
GHG protocol

Data

Manage

Reduce



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Local Authority Carbon Management Programme

The Nottingham Declaration on Climate Change

We acknowledge that

- Evidence shows that climate change is occurring.
- Climate change will continue to have far reaching effects on the UK's people and places, economy, society and environment.

We welcome the

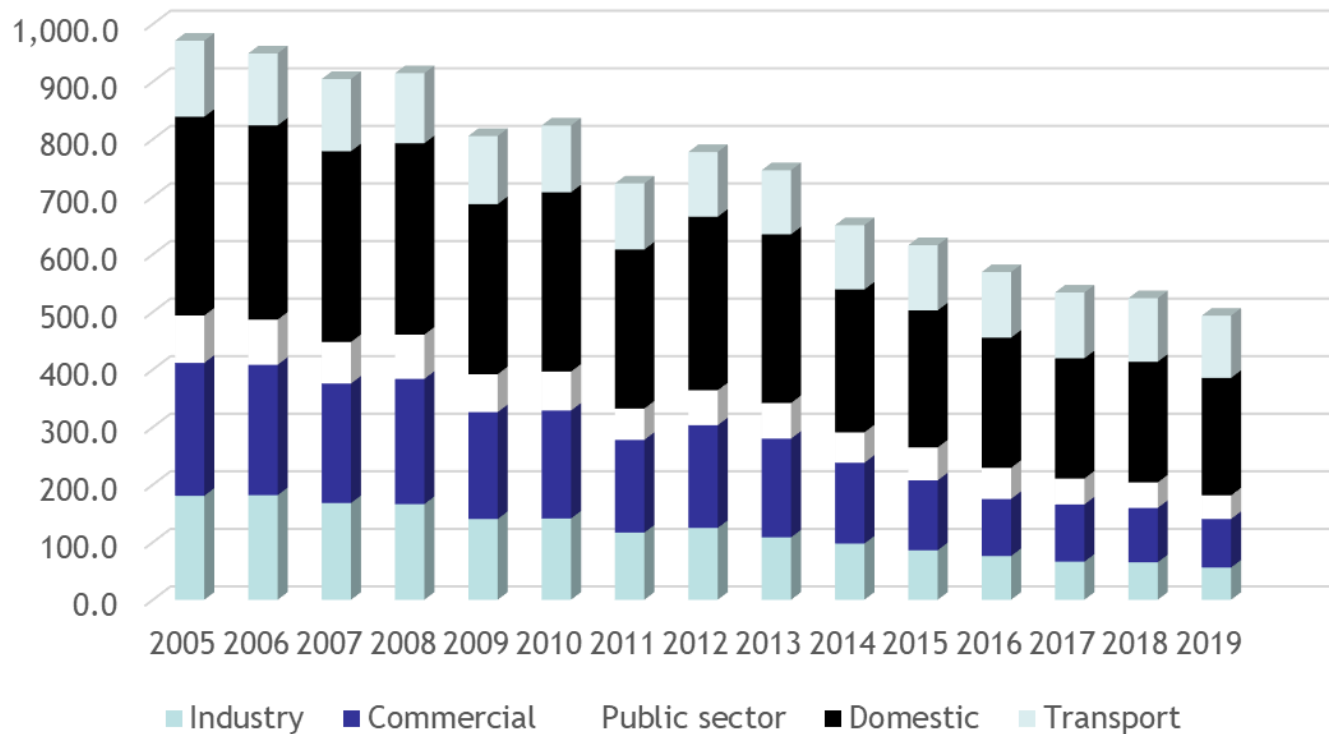
- Social, economic and environmental benefits which come from combating climate change.
- Emission targets agreed by central government and the programme for delivering change, as set out in the



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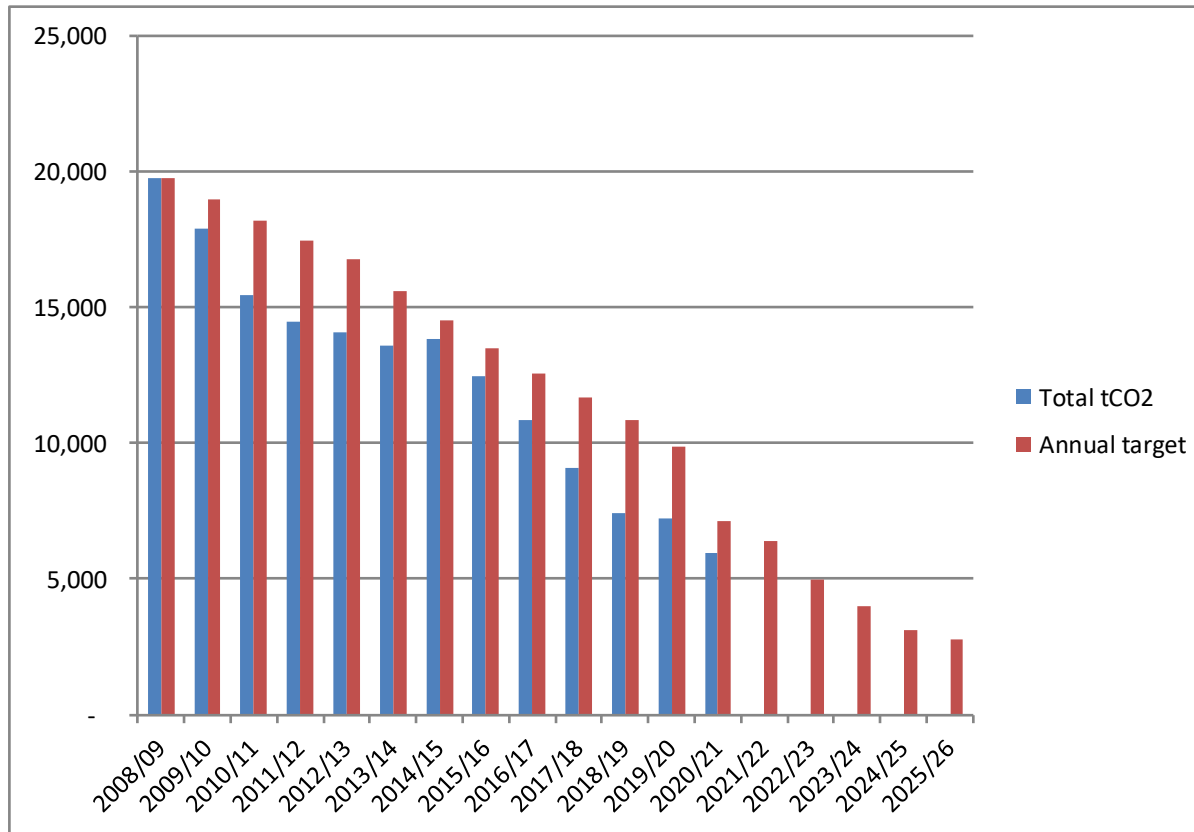
Reading Borough emissions 2005-2019



- **Reading's emissions have fallen by 49% since 2005**
- **5th highest reduction of 379 UK council areas**



Council emissions 2008/09-2020/21



- **69.8% cut in RBC emissions since 2008/09**
- **17.3% cut between 2019/20 and 2020/21 (pandemic restrictions a major factor)**



Carbon Plan 2020-2025



Our pathway to zero



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The Future is Electric

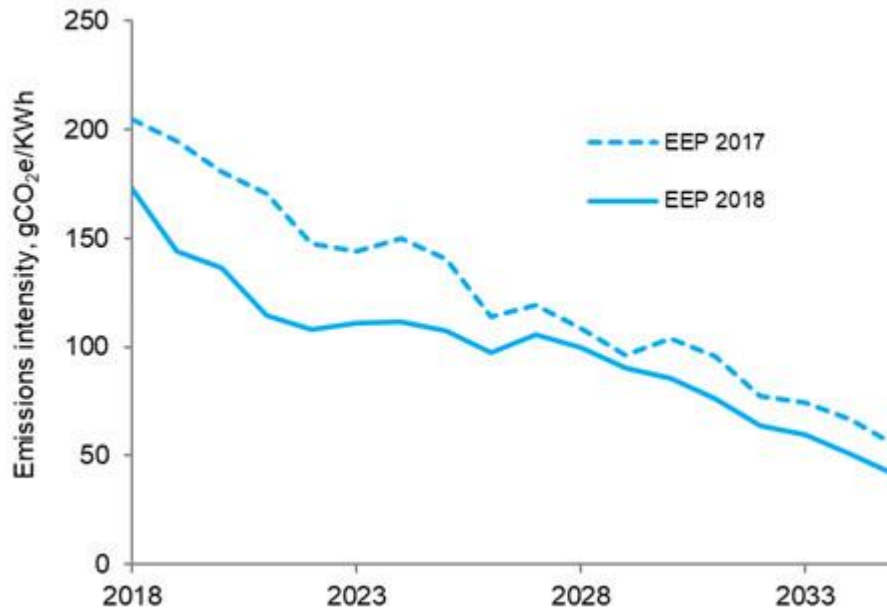
Carbon Plan 2020

REDUCE

DECARBONISE

GENERATE

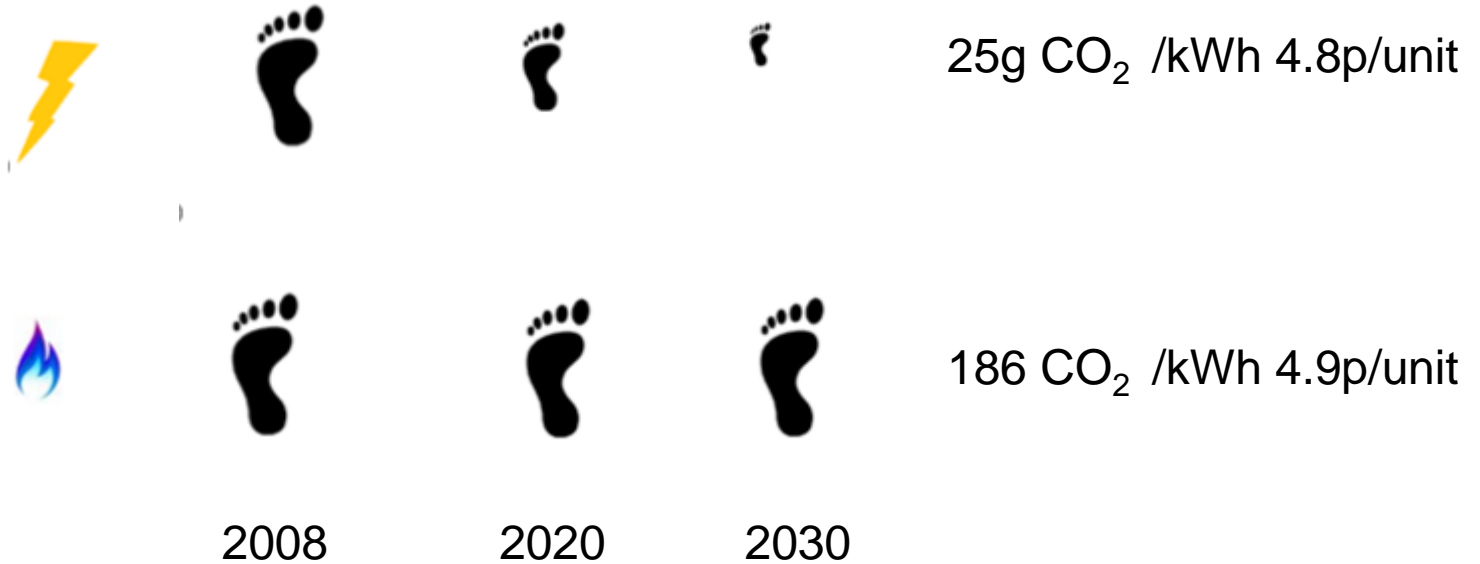
SMART



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Heat Pumps



Decarbonise building heat

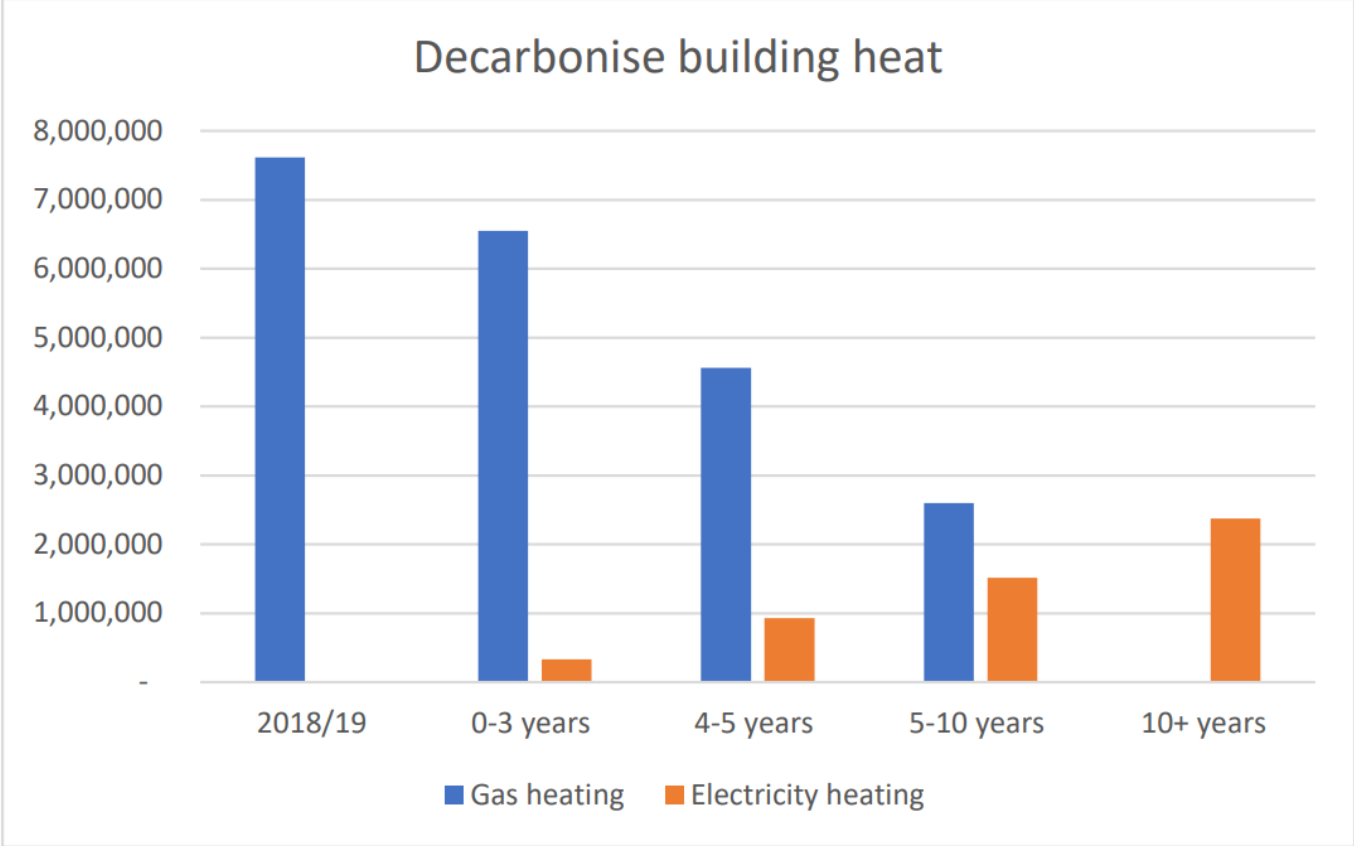
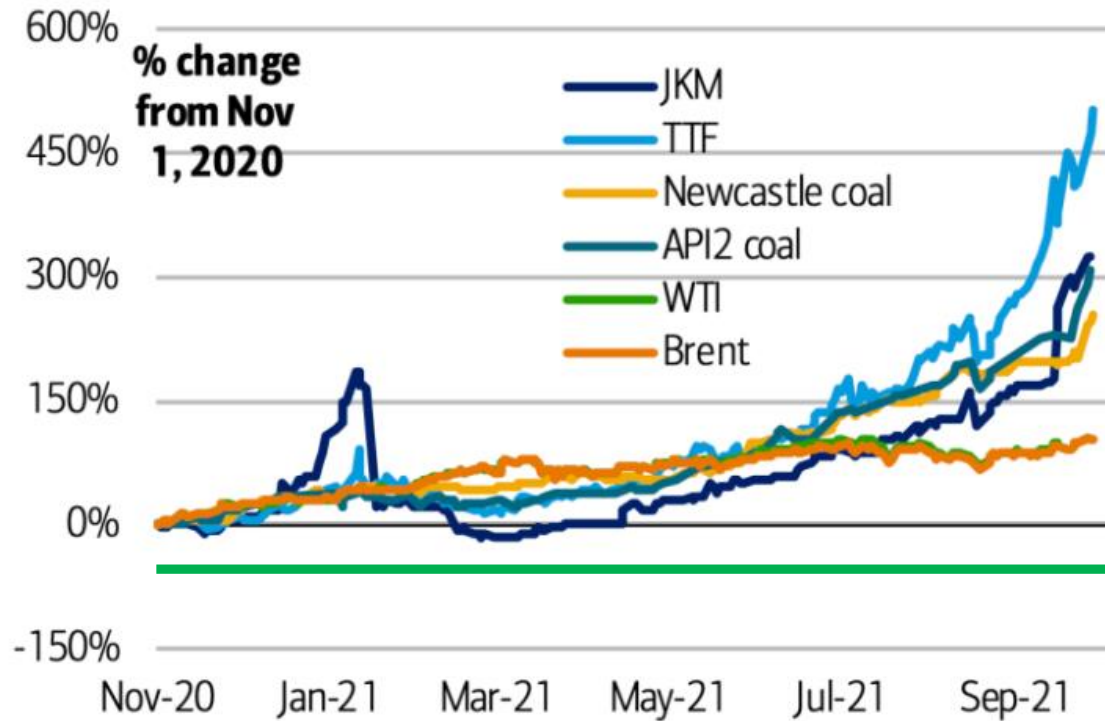


Exhibit 4: Global energy prices

From oil to gas to coal to electricity, and from China to Europe to the United States...



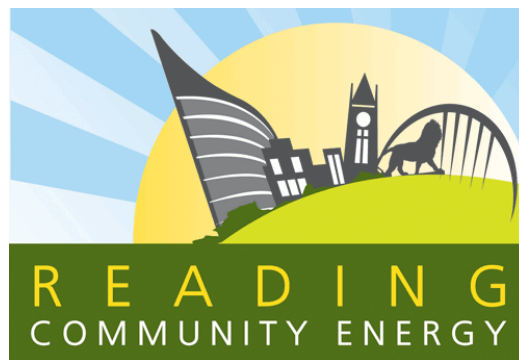
Source: Bloomberg

BofA GLOBAL RESEARCH



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10,000
solar panels
on >500
buildings

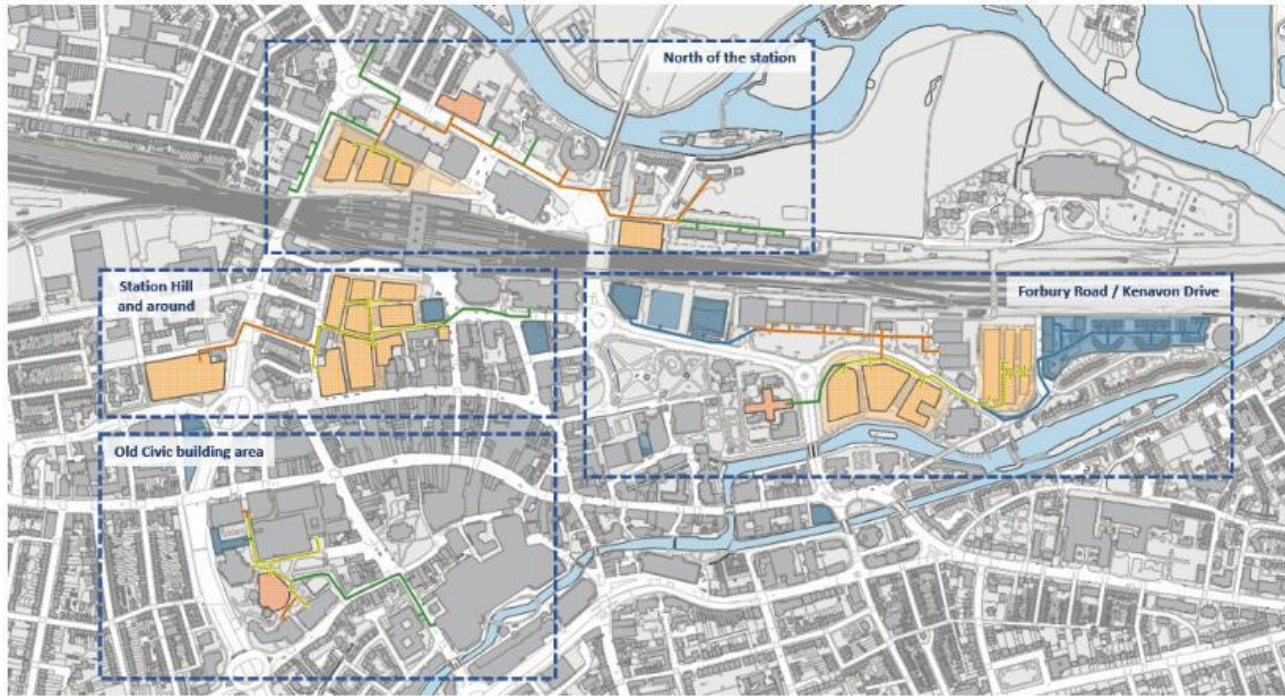


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Danger
Keep Away

A low carbon central heating system for the town centre



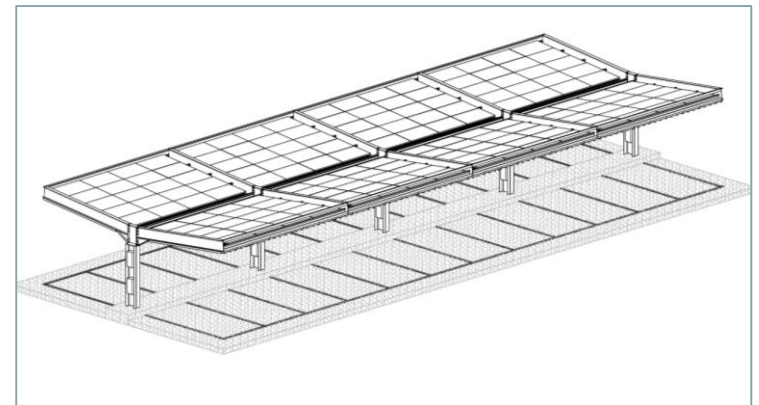
Cow manure powered bus breaks speed record



Zero Carbon Depot Project

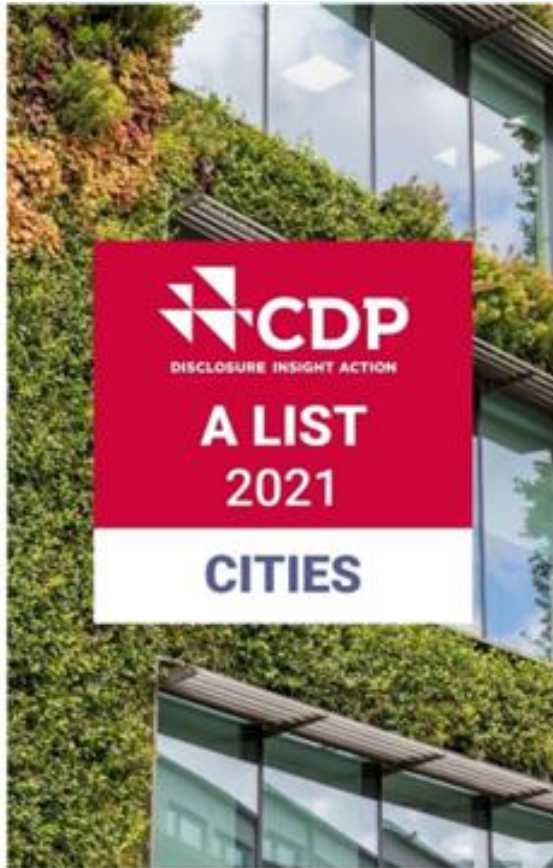


14 x eRCV's by 2024
(electric bin lorries)
200 fleet EVs - 2028



Solar canopies 274kWp





Finance

Transformation

Health & Social Care

Property

Analysis

Laura Sharman 18 November 2021



Eleven UK cities named as global leaders on climate action

Eleven UK cities have been recognised as global leaders for climate action and ambition.

Environmental charity CDP has published its Cities A List, which celebrates those demonstrating their climate leadership through concerted and effective action.



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That's all Folks!
questions?

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