

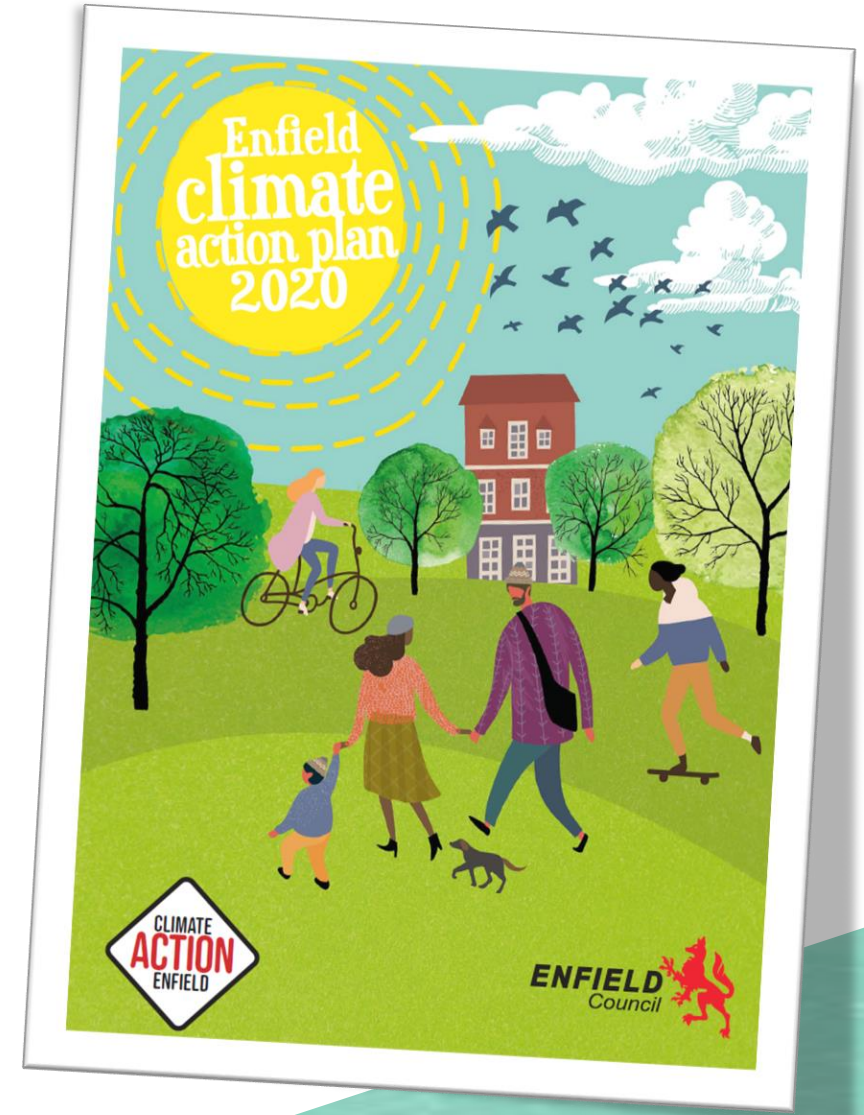
Climate Action Plan Review

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Interim Heads of Climate Action and Sustainability



Overview of update

- Overview of the Climate Action Plan (CAP) annual progress report
- Feedback on the original CAP
- Approach to the CAP review



Background information:

Our climate commitments

Enfield Council Climate Action Plan
[Published August 2020.](#)

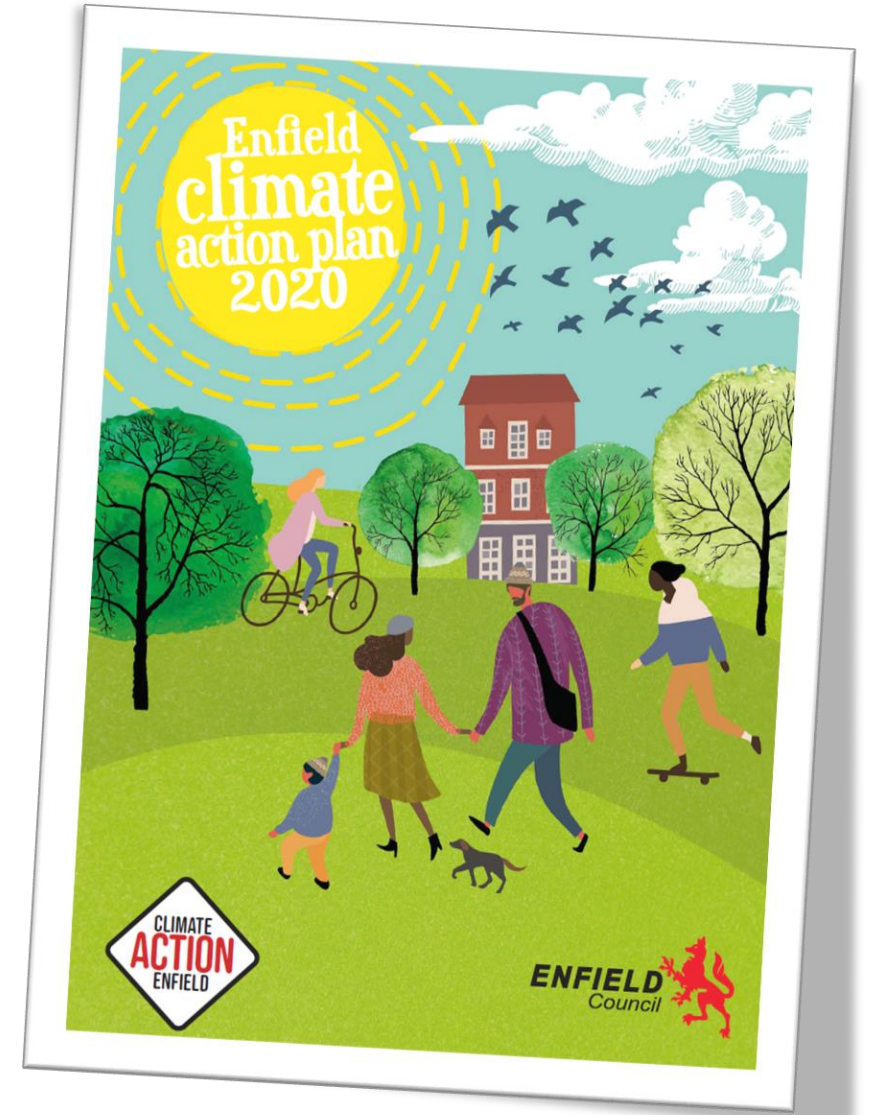
Commits Enfield to be Carbon Neutral:

- Council by 2030.
- Borough by 2040.

Has around 100 actions and indicators.

Annual progress reporting and emissions review is now in draft

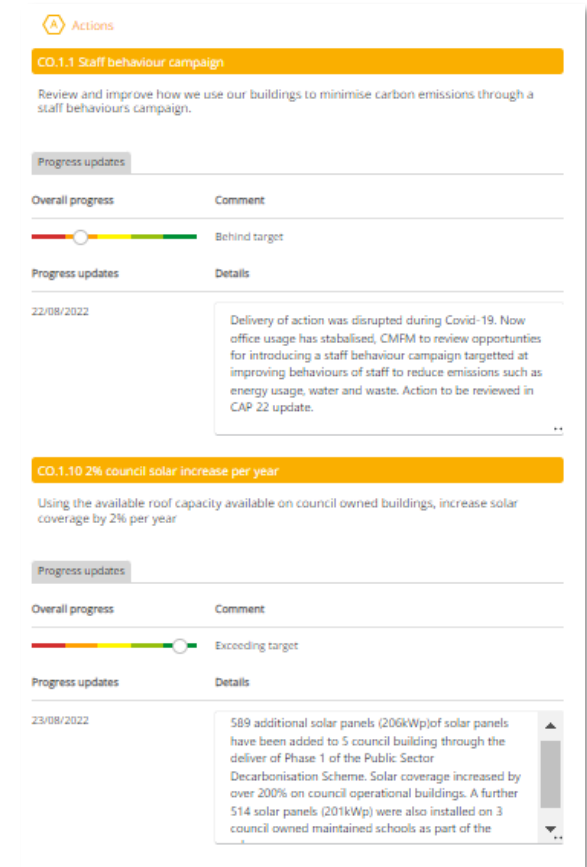
Full review due every 2 years



What have we been doing

2021/22 summary

- First [Progress Report](#) published, 2nd in preparation (Oct/Nov 22)
- A- rating from CDP, an external ratings organisation
- Schools Climate Action Network and Handbook
- Retrofit of corporate buildings and schools (ASHPs and Solar PV)
- Switch to LED bulbs for streetlights
- Over 400 Council homes having retrofit works
- New Sustainable & Ethical Procurement Policy
- Good progress on fleet electrification incl. trials
- 96 public electrical charging sockets
- Cycle routes, two LTNs and 12 school streets (with more planned)
- 743 connections to Energetik heat network + retrofit pilots in progress
- Blue green infrastructure strategy published
- 100,000 trees, 42+ wetlands and rain gardens and beavers!
- Development of Local Area Energy Plan



Carbon Neutral Council by 2030

2021/22 summary

Scope 1 & 2 = buildings, fleet and street lighting

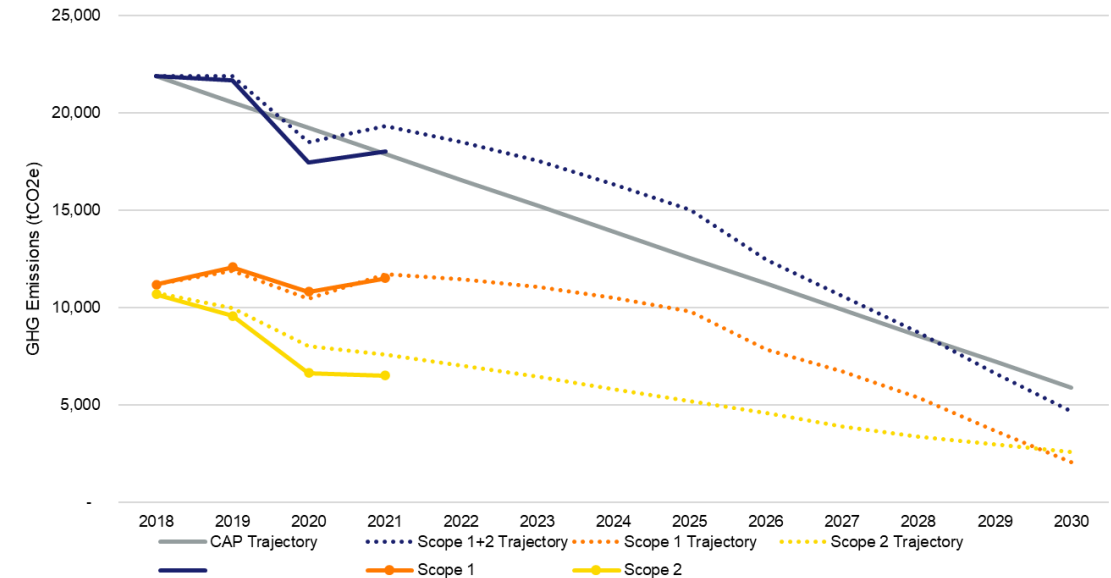
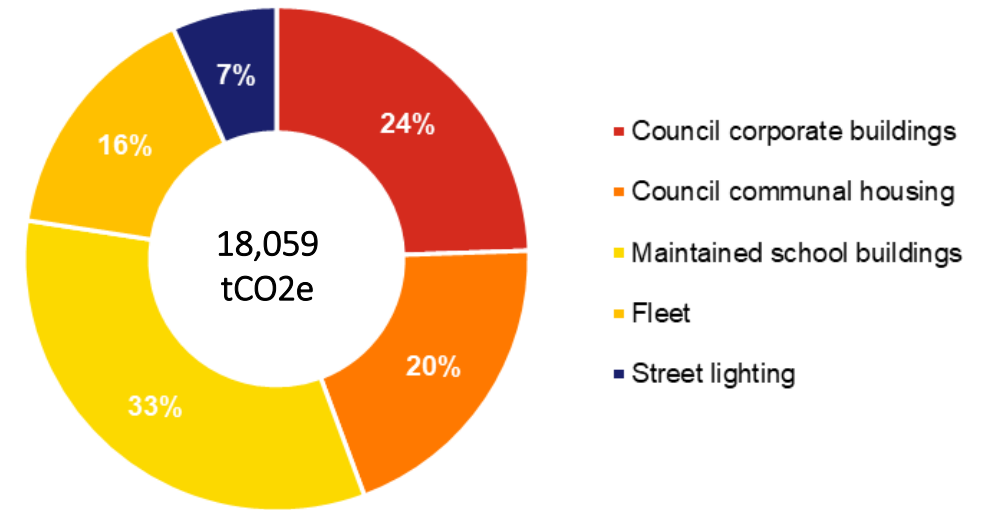
2021/22 Emissions review

- 18% reduction over 2018/19 baseline
- 3% increase from 2020/21
- Increase predicted due to bounce back from Covid building closures

Biggest challenges:

- Building retrofit and heat decarbonisation
- Electrification of fleet

DRAFT RESULTS



Carbon Neutral Borough by 2040

2021/22 summary

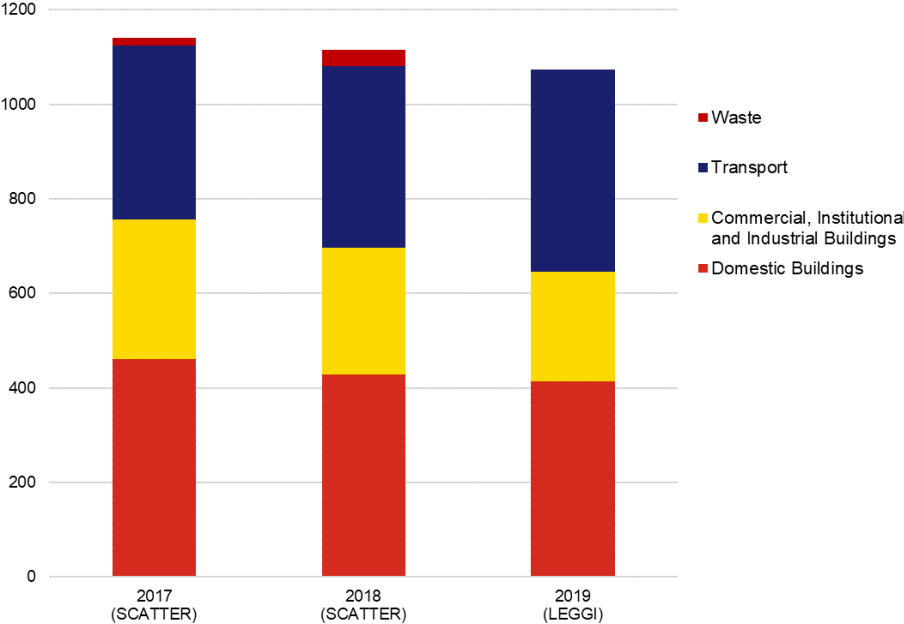
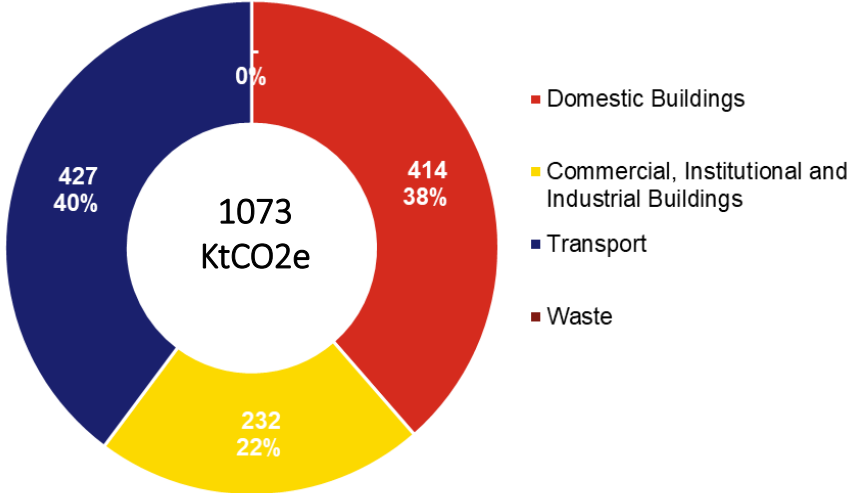
Scope 1 & 2 = Buildings (Domestic, Industrial & Commercial) & Transport (On-road, Rail)

2021/22 Emissions review

- 2-year data lag, 2019 current data year
- Accurate reduction figures not available due to change in calculation methodology for pan-London alignment
- New baseline to be set in CAP full review

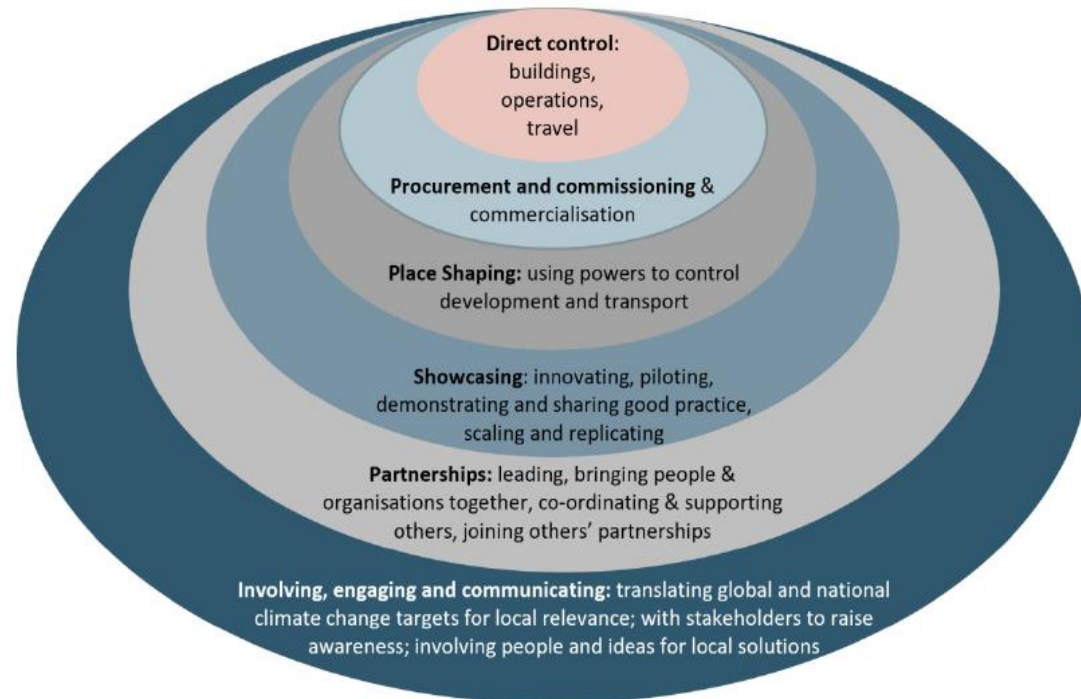
Biggest challenges:


- Heat in buildings and retrofit
- Reducing road-based emissions



Carbon Neutral Borough by 2040

- Climate Change Commission recognises the important roles that local authorities can perform.
- The 2020 Climate Action Plan has **55** council actions, **47** borough actions
- Some are directly within our direct control, others less direct
- Long term planning needed



 **Direct local authority emissions**
(2% of UK emissions)

 **Emissions under the influence of local authorities**
(33% of UK emissions)

2020 Committee on Climate Change report

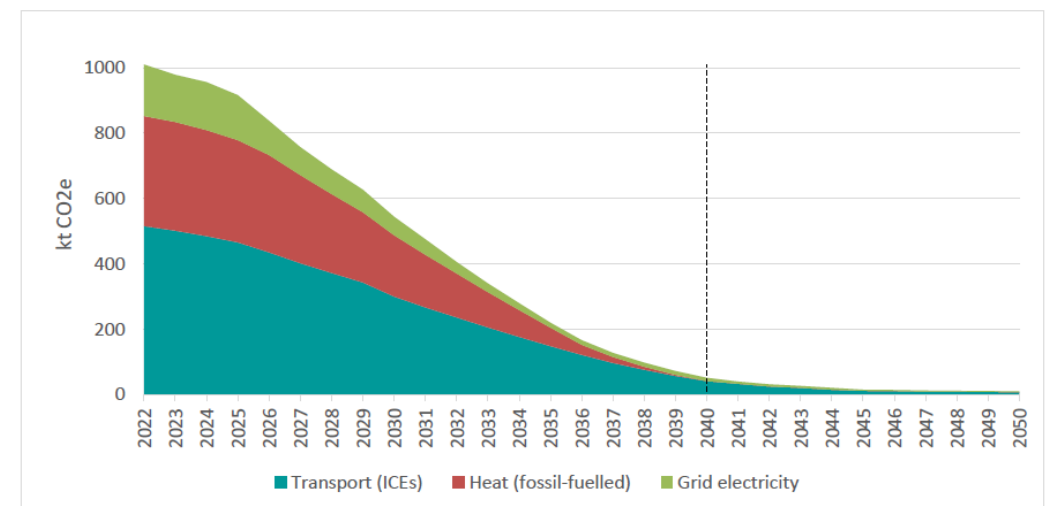


Carbon Neutral Borough by 2040

Local Area Energy Plan

- A Local Area Energy Plan is to help long term planning
- It sets out our next zero trajectory to 2040
- We are the first borough in London to develop a borough-wide Local Area Energy Plan
- Grant funded by GLA, led by Enfield Council, authored by Centre for Sustainable Energy and Ricardo
- Identifies the roles and actions for different stakeholders
- It looks at:
 - Transport
 - Heat sources
 - Insulation in buildings
 - Energy generation
 - Electricity capacity

Figure 2: Carbon emissions projections (mixed DM scenario*)



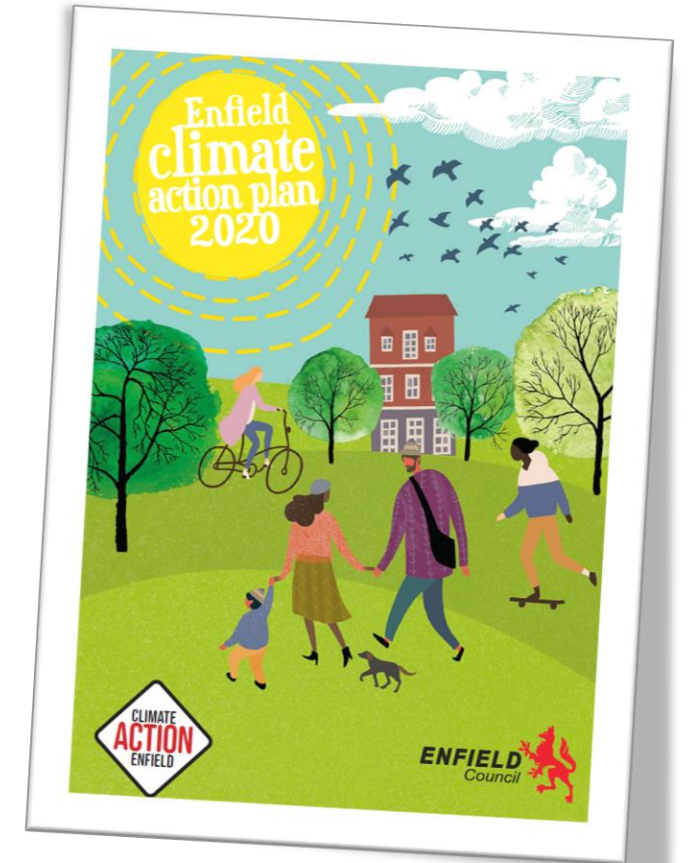
* Using CCC Balanced Pathway projection of carbon emissions from grid electricity

Request for feedback from the original Climate Action Plan



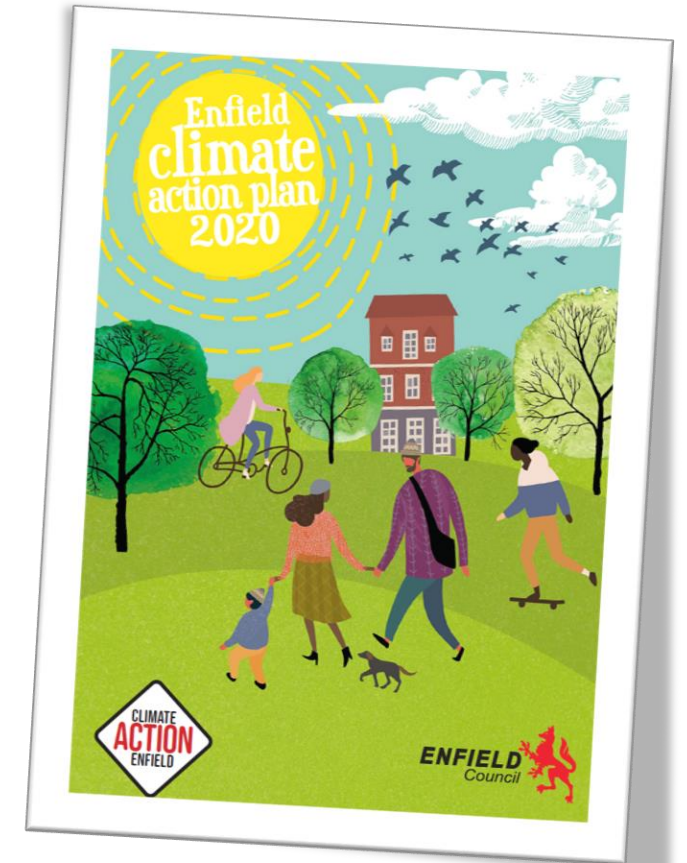
Review of Climate Action Plan

- Commitment to review of Plan every two years with key considerations for the next version:
 - The need for urgent action and a fair transition
 - Existing actions laying the groundwork
 - The role of the Council where there is not a duty
 - Manifesto pledges
- Themes: Council's operations, Buildings, Transport, Waste, Adaptation & Resilience and Delivery.



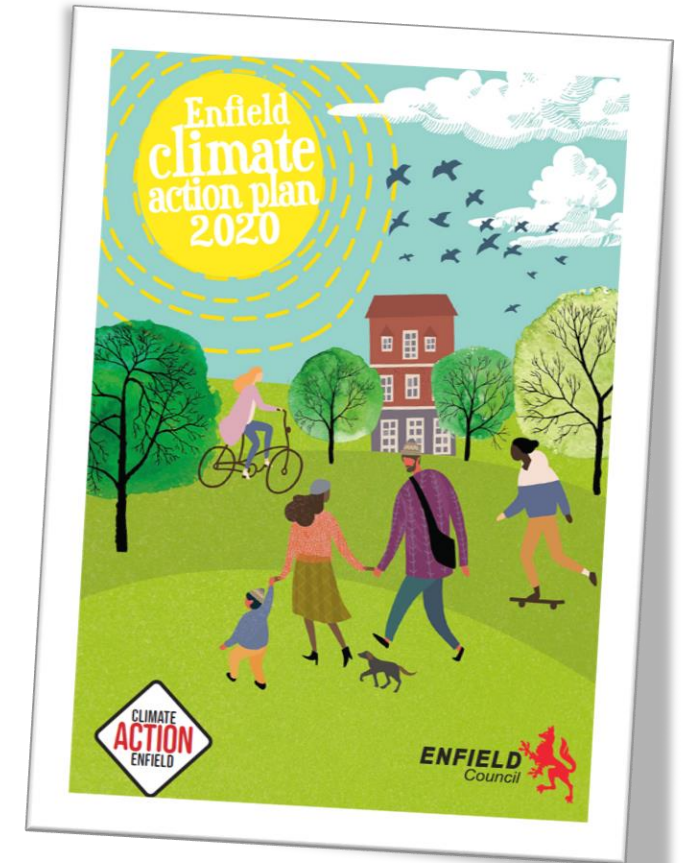
CAP review to reflect Manefesto pledges

- Plant 1million new trees to create a new borough forest, and apply for Enfield to have Royal Borough status
- Plant thousands of urban streets
- Create 50 new School Streets
- Install 1000 more electric vehicles charging points
- Deliver 10 more wetlands and introduce greater biodiversity through rewilding and wildlife programme
- Decarbonise council vehicle fleets and use more renewable energy
- Establish an Enfield carbon offset fund for local businesses and residents



CAP review to respond to 2022-2024 areas of priority:

- Cost-of-living and fuel poverty challenges
- Staff carbon literacy programme
- Decarbonising corporate buildings inc. schools
- Council housing retrofit at scale
- Enfield Forest / Rural Enfield Transformation
- Raising funding from the public and businesses
- Reducing consumption and increasing recycling
- Installing more electric vehicle charging points
- Promoting green industry and skills
- Testing area-based multi-intervention approach
- Adaptation and resilience



CAP Engagement and consultation indicative approach

- Internal engagement
- Environment Forum
- Environment Scrutiny Panel
- Public and stakeholders engagement and consultation
 - Opportunity to comment on draft actions
 - Promoted via Council website and social media
 - Open invitation event and public stands
 - Focussed engagement workshops with strategic stakeholders
- Regional and Local government

