

Bracknell Forest Council
Annual Climate Change Strategy
report for the
Climate Change Advisory Panel



Annual Report Climate Change Strategy Summary update

2

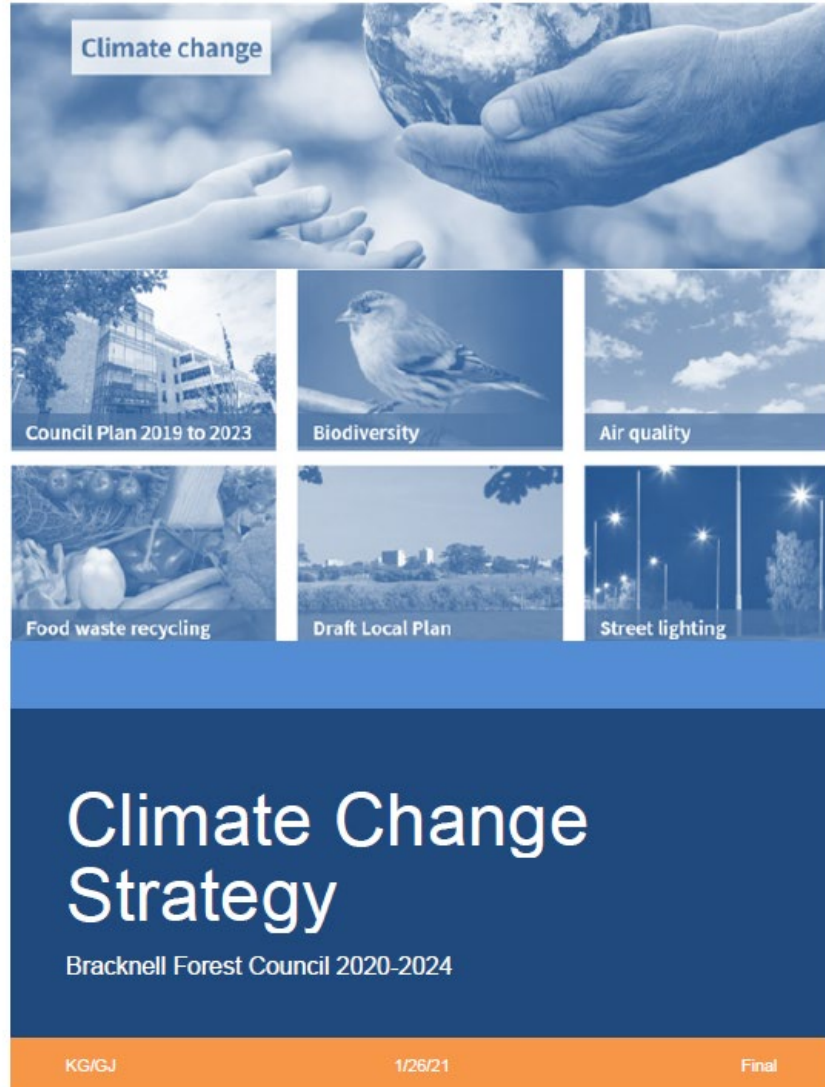
Damian James
Assistant Director: Contract Services
Bracknell Forest Council



Bracknell Forest Council 2020-2024

Climate Change Strategy Update

3



Agenda

- Background and Context
- CCAP Programme
- Assistant Director Strategic update
- BFC Programme Highlights
- Forward Look
- Q&A




Climate Change Strategy Update

Search this site



 My account ?

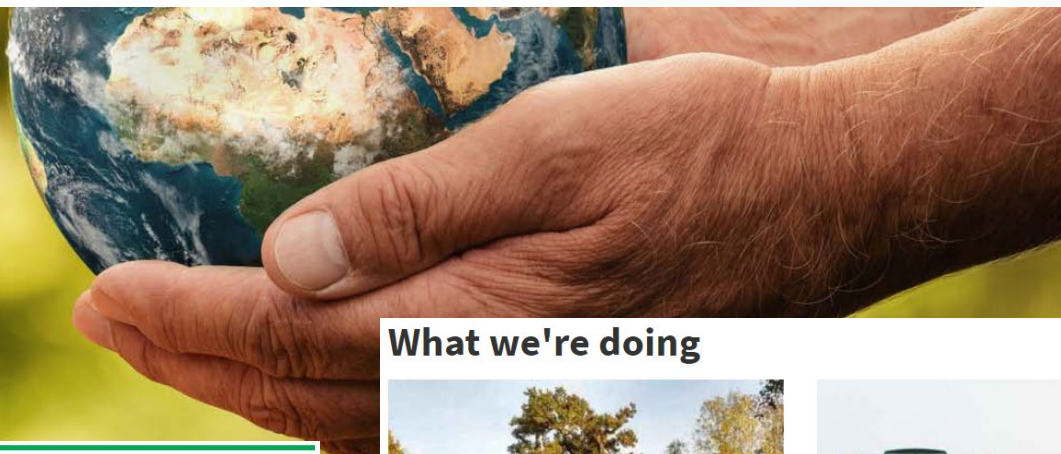
Menu 

Address the impact of man-made climate change on our local communities by putting in place actions that work towards meeting

<https://www.bracknell-forest.gov.uk/council-and-democracy/strategies-plans-and-policies/climate-change>

Climate change

4



What we're doing

Climate change strategy

We strongly believe that we need to continue our work to address the impact of man-made climate change on our local communities.

We have committed to becoming carbon neutral by 2050.

To deliver this challenging target, the whole council will need to work together as well as with our partners, schools and young people.

[Read more about our climate change strategy](#)

Natural environment

Our climate change history

Addressing man-made climate change isn't a new area for us.

[Explore our climate change history](#)

Energy and waste

Climate change review

The Overview and Scrutiny Commission is leading work on our climate change strategy.

[Find out about the commission's work](#)

Travel and transport

Research

Find data on Bracknell Forest emissions.

[Explore our research](#)



BFC Climate Change Strategy (on a Page)

Bracknell Forest Council: 2020 – 2024

Adopt 4 Strategic Principles for the council's approach to tackling climate change

We will achieve our 2050 objective of being carbon neutral through:

Working with partners.

Preserving the climate beneficial elements of the COVID-19 emergency.

Working with schools and young people.

Preserving the natural environment sustainably in line with the Bracknell Forest strategic plans

Develop a high-level implementation Climate Change Action Plan

action plan to reduce carbon emissions that are under the council's control

action plan to influence and lead community action against climate change



Strategy Development

Bracknell Forest Council: 20-24 Action Plan

Develop a high-level implementation Climate Change Action Plan

6.3 kt Co2e = < 2%

action plan to reduce
carbon emissions that are
under the council's control

The Council's direct activity - including commissioning resources in the most environmental efficient way and, procuring services to achieve this objective. We aim to reducing the impact of what is within our control.

443 kt Co2e = > 98%

action plan to influence and
lead community action
against climate change

Lobbying and promotion to encourage others to support the objectives in the strategy



BFC Climate Change Strategy

Bracknell Forest Council: 2020/24 Action Plan

Climate Change Advisory Panel Programme

Climate Change Strategy

Bracknell Forest Council 2020-2024



Climate Change Strategy Update

Bracknell Forest Council: CCAP Programme (1)

8 September – Electric vehicles

- EV infrastructure and strategy– Neil Matthews, Assistant Director of Highways & Transport
- pan-Berkshire project update
- Grid issues – SSE and other energy generation - Bryan Puszkas, Southern and Scottish Energy – Customer relationship Thames Valley

3 November – Quarterly update

- BFC Programme plan update report– Kevin Gibbs, Executive Director: Delivery
- Programme deep dive update – Warm Homes project –Hazel Hill, Energy Sustainability Officer and Laura Johnson, Executive Director (assets & growth) Silva Homes.

11 January – local power generation (AD plant)

- Report back from investigation - Kevin Gibbs, Executive Director: Delivery
- Atkins consultant report back - Richard Lancaster
- Member feedback on the visits to Lakeside Energy from Waste plant and Wallingford Anaerobic Digester plant on the 1 December 2021

9 March – Quarterly update

- BFC Programme plan update report - Kevin Gibbs, Executive Director: Delivery
- Programme deep dive update – public sector decarbonisation – Hash Patel



Climate Change Strategy Update

Bracknell Forest Council: CCAP Programme(2)

2022..Cont...

25 April – Biodiversity update

- Strategy update – Stephen Chown - Head of Natural Estates
- Berks, Bucks and Oxon Wildlife Trust (BBOWT) - Matthew Stanton
- Crown Estate - Des Sussex
- Warfield Environment Group - Sheila Collings

June – Quarterly update / End of Year update

- BFC Programme plan update report and review draft of the Climate Change Strategy outcome (Annual report to Council)
- Countryside Partnerships presentation on Climate Change : Pathfinder - Marking out the route to net zero

September – local power generation (Hydrogen plant)

- Report back from investigation - Kevin Gibbs, Executive Director: Delivery
- Member feedback on the visits to large scale hydrogen plant (schedule for summer)

November – Quarterly update

- BFC Programme plan update report - Kevin Gibbs, Executive Director: Delivery
- Programme deep dive update – Walking and cycling strategy



BFC Climate Change Strategy

Bracknell Forest Council: 2020/24 Action Plan

Climate Change Annual Report Summary

10

Climate Change Strategy

Bracknell Forest Council 2020-2024



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In Bracknell Forest Council Motion (02/2019), passed at Full Council on 17 July 2019, the council committed to becoming a net-zero greenhouse gas emitting borough by 2050.

The motion states:

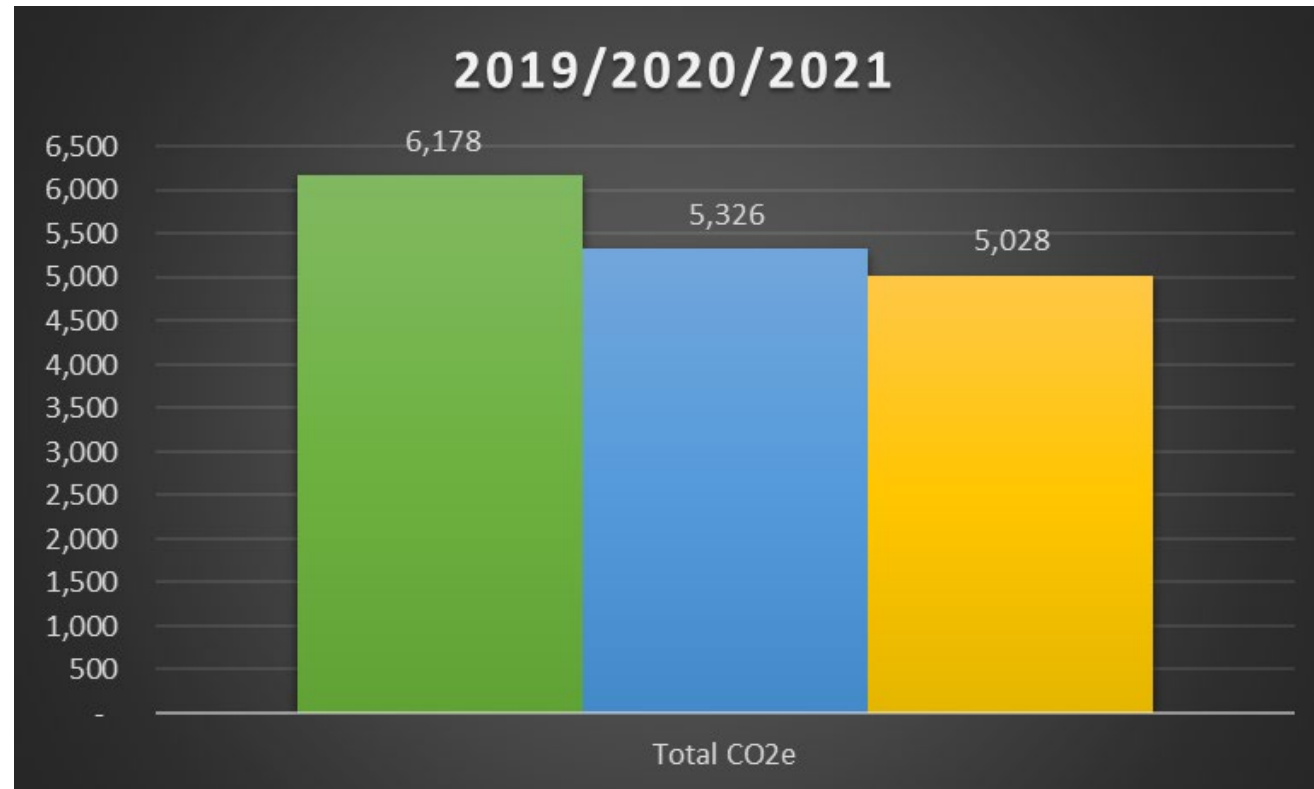
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*“This Council strongly believes in the need to continue its work to address the impact of man-made Climate Change on our local communities. To this end, this Council asks the Executive to **develop detailed action plans with measurable ambitious annual targets** and an annual report to address this pressing matter to ensure that the Council meets the government target of eradicating its net contribution to climate change by 2050”*



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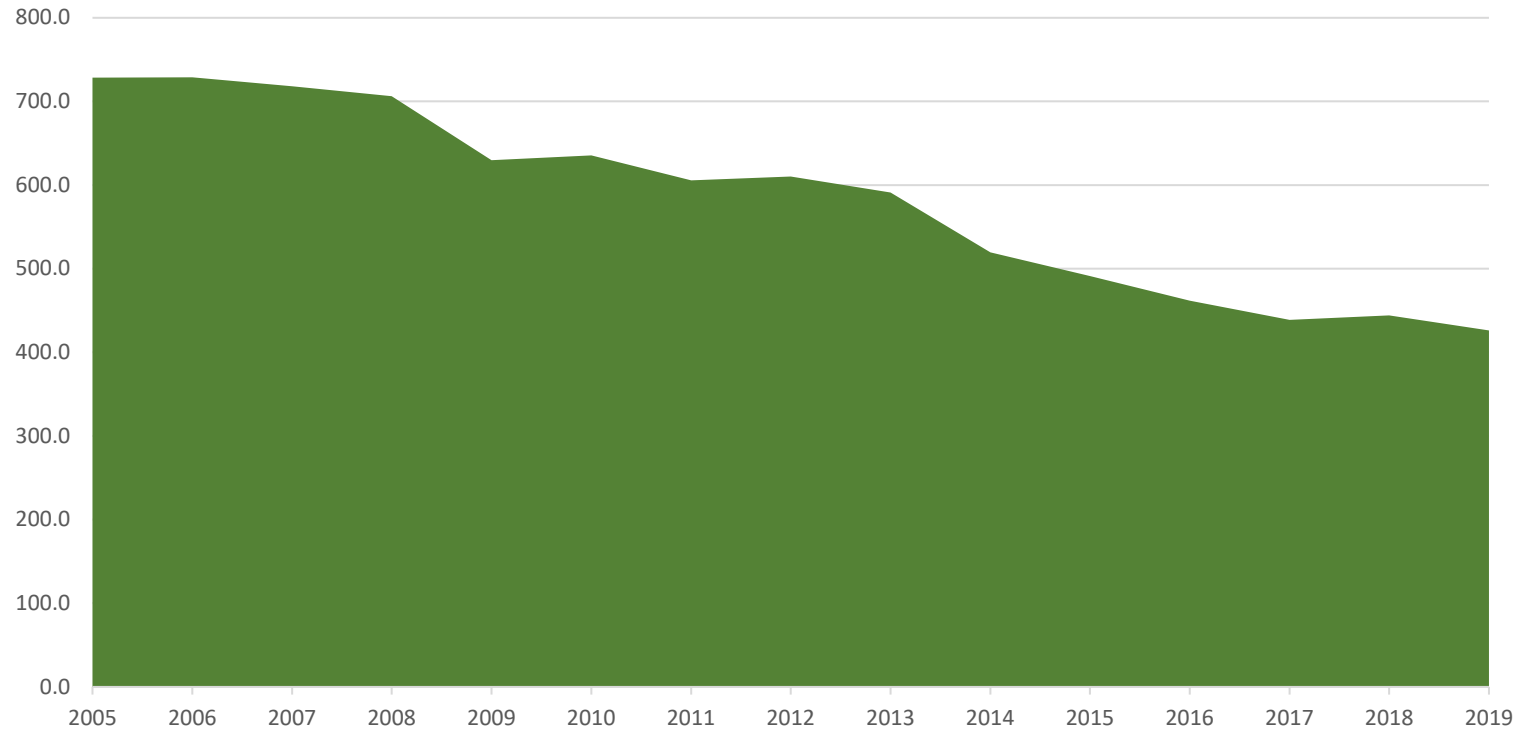
Headline Metrics from 2021



BFC's total CO2e emissions from the council's transport fleet, plus gas, electric and water consumption was 5,028 tonnes. This compares to the initial figure of 6,178 in 2019 and 5,326 from 2020.

Climate Change Annual Report

Borough emissions 2005-2019 kT CO₂e



Business, Energy and Industrial Strategy department data (BEIS) up to 2019. BFC data was 426.1kT CO₂e which is down by 18.2kT from 444.3 in 2018 and compares to our initial benchmark of 728.5kT in 2005, representing a 41.5% reduction overall.

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Strategic highlights from 21/22

Corporate decision making has been changed to incorporate and ensure that carbon emissions are now part of the matrix of Financial Resources, Legal authority, Equalities impact (public authorities equality duty), **climate change impacts** and **health in all policies**

Service plans 2022/23: In the annual review and updating of the Council Plan, the climate change elements have been identified and flagged to ensure that these can be monitored and tracked via the Council Plan Overview Report (CPOR) process

Public Health: The Public Health team have completed an exercise of funding bids. A number of PH funded climate change programmes are being looked at including the Eco Rewards Behaviour Change Incentive Scheme, Get Green and Active, Air Quality in the borough and reducing the impacts of poor housing



Climate Change Annual Report

Strategic highlights

Business Survey 2021 - Whilst **51%** of businesses have the intention of being more environmentally friendly, just **12%** have a specific target or aim to achieve net-zero and just **5%** cent have set a deadline to this commitment

External / Government funding: Cllr Hayes led a Ministerial visit (25 Feb 22) to the closed land fill site, London Road. **Guy Oppenheimer MP, Minister for Pensions and Financial Inclusion** and local MPs **Adam Afriye** and **James Sunderland** attended the site to discuss a range of possible projects, including a charging hub, solar array and storage batteries. The council is exploring how to use brownfield sites, like this one, for green initiatives.

Schools Climate Change conference recently held which included presentations from Greenpeace and Chris Packham



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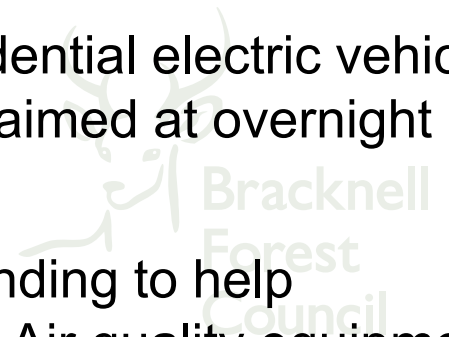
Grant funding

Heating decarbonisation project: The project associated with the **Salix – GOL - LCSF2** award of **£154k** of funding for heat decarbonisation plans for all of the Councils property stock including schools not already funded are progressing in line with scheme schedule

Active travel initiatives: Highways and Transport service has received a Department of Transport grant of **£160k for active travel initiatives**. The funds are being used to expand cycling routes to Crowthorne and Sandhurst and have allowed the commissioning of promotional videos, interactive maps, cycle led rides, family events, and working with businesses and schools to increase participation.

EV charging points: The council has secured **£100k** funding to roll out 32 residential electric vehicle charging points across the borough. These will be low wattage / slow chargers, aimed at overnight charging.

Air quality: The Public Protection Partnership has secured **£259k** of DEFRA funding to help implement measures to reduce the impact of poor quality air on people's health. Air quality equipment will monitor levels around 14 specific schools locations.

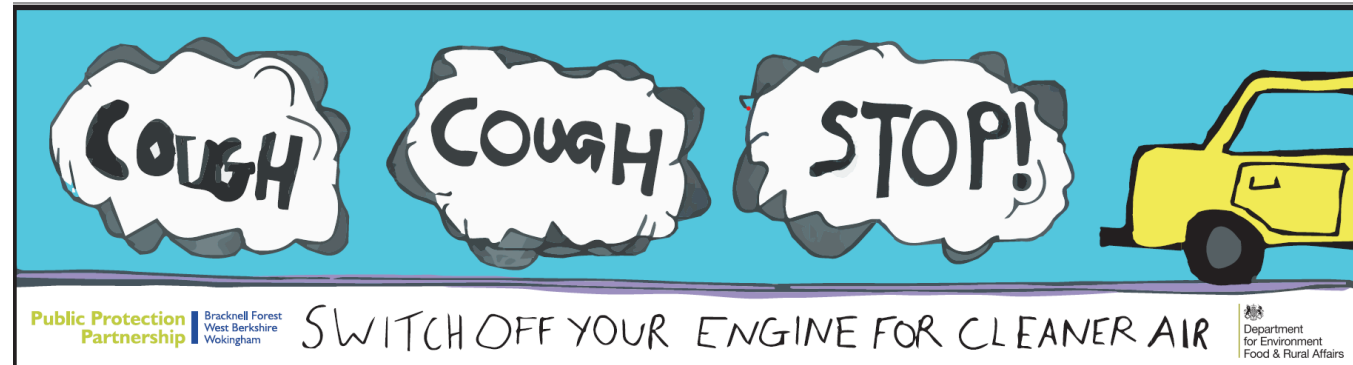


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Bracknell Forest Council: Delivery

Public Protection Partnership – air quality

The PPP ran an **anti-idling** car bumper sticker design competition for primary schools. School children across the three local authorities were asked to create a design for a car sticker which would encourage the driver behind them to switch off their engines when appropriate to do so, saving emissions from idling. From a grand total of 348 entries, the winning impactful design was submitted by a year 6 pupil from Ascot Heath Primary School.



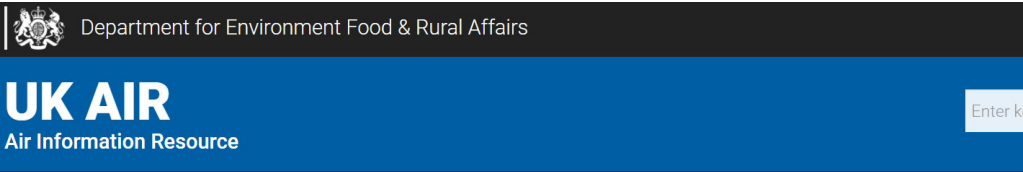
Copies of the sticker are available at ehadvice@westberks.gov.uk

A project to start education around engine idling and idling enforcement will be a focus for the service over the coming year. This programme will initially target taxi ranks, schools and known hot spot areas around the borough.

Climate Change Strategy Update

Bracknell Forest Council: Delivery

Public Protection Partnership – air quality



AQMAs Declared by Bracknell Forest Borough Council

The following AQMAs have been declared by Bracknell Forest Borough Council. These are listed with most recent first.

AQMA	Description	Date Declared	Date Amended	Date Revoked
Area 2 The Bracknell Road B3348 And Crowthorne High Street, Crowthorne AQMA	Area 2 Bracknell Road B3348 and Crowthorne High Street, Crowthorne	09/02/2011		
Area 1 The Bagshot Road A322 Horse And Groom Roundabout Downshire Way AQMA	Area 1 The Bagshot Road A322 Horse and Groom Roundabout, Downshire Way	09/02/2011		



Nitrogen dioxide NO₂

Climate Change Annual Report

Green Homes Grant Funding

£900k spent / further £1M planned); In terms of the home decarbonisation projects via the government's Green Homes Grants Local Authority Delivery schemes (GHG LAD), the council completed the works from GHG LAD 1 (£900k grant received) back in the Summer of 2021.

The Council have further funding from both GHG LAD 2 (£87k for spend by 30th June 2022) and GHG LAD 3 – also referred to as **Sustainable Warmth and Home Upgrade Grants** (£1M for spend by 31st March 2023).



Climate Change Strategy Update

Bracknell Forest Council: 2021/22 Action Plan

The Action plan covers the full breadth of council services.

- Domestic Energy Efficiency (7)
- Corporate Estate and Property (6)
- Biodiversity (9)
- Waste (4)
- Transport & Highways (10)
- Procurement (1)
- Air Quality (4)
- Planning (5)
- External Projects supported by BFC (1)

Currently 46 live projects / initiatives

Quarterly reporting via

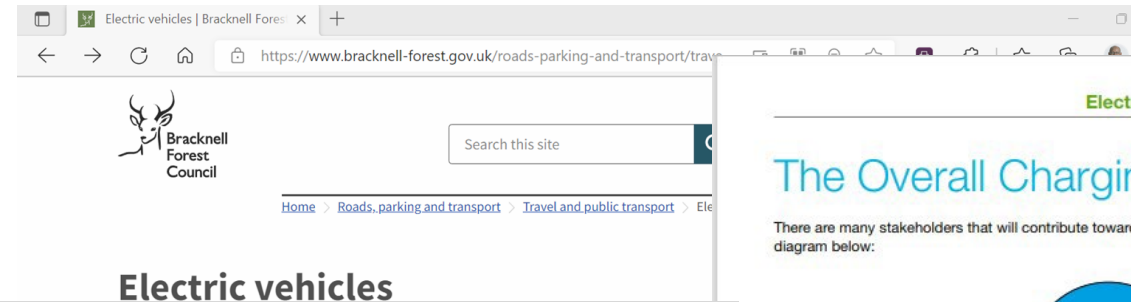
- Internal Officer board – Chaired by Damian James
- Climate Change Advisory Panel supported by Kevin Gibbs



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Bracknell Forest Council: Place, Planning and Regeneration

Highways and Transport



Electric Vehicle Charging Facilities

Car Park chargepoints

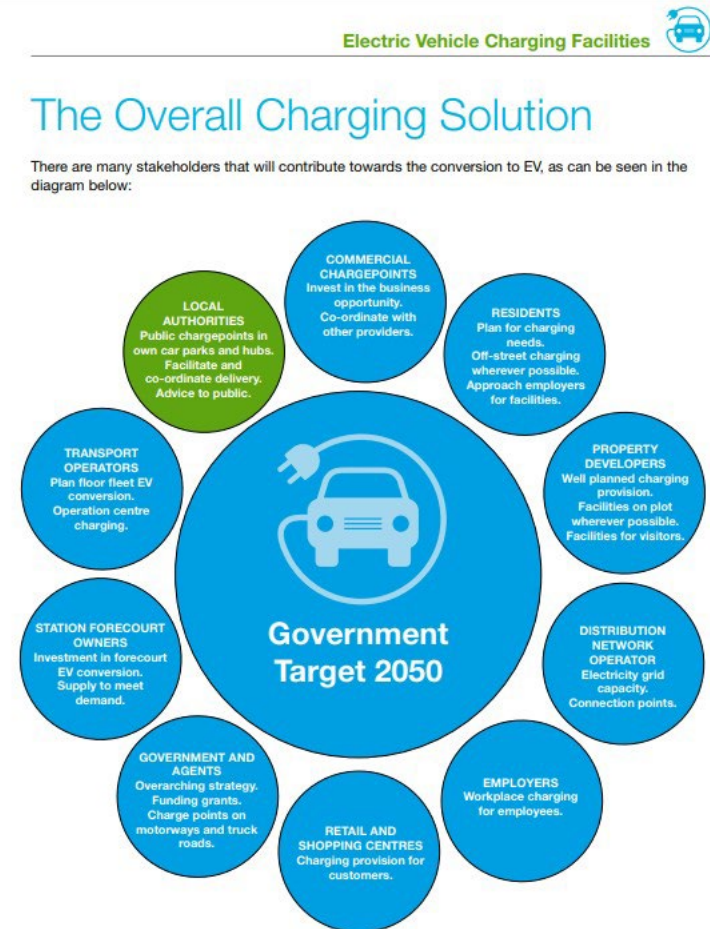
At the time of writing, there are 35 public use chargepoints in Bracknell Forest, located within either Council or privately owned car parks. Their types and locations are summarised in Table 2 and 3 below.

Table 2: Council car parks

Location	Type	No. of sockets	Charging provider
High Street multi-storey car park, Bracknell	7kw	12	BP Pulse
Braccan Walk multi-storey car park, Bracknell	7kw	2	BP Pulse
The Avenue multi-storey car park	7kw	4	BP Pulse
Westmorland Park	22kw	2	PodPoint

Table 3: Other car parks

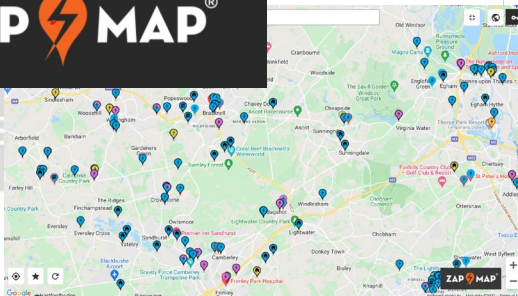
Location	Type	No. of sockets	Charging provider
Tesco, Warfield	7kw	4	PodPoint
Tesco, Martins Heron	7kw	4	PodPoint
Waitrose, Bracknell	7kw	2	BP Pulse
Shell, Bagshot Road	50kw	1	Shell Recharge
Lidl, Crowthorne	50kw	2	PodPoint



Electric Vehicle Charging Facilities

A summary and guide

ZAP MAP



Climate Change Annual Report

Bracknell Forest Council: Place, Planning and Regeneration

Parks & Countryside

The service have recently finished a busy **tree planting** period incorporating **2,795** trees over 20 sites as part of highways improvements and improvements to public green spaces.

The total area of **Habitats of Principal Importance (HPI)** has increased by **50.97** hectares mainly due to new mapping of ponds across the borough. 700 ponds were identified which support biodiversity, store water, reduce flooding and act as carbon sinks.

The total area of **Local Wildlife Sites (LWS)** has also been increased by **17.7** hectares with the re-designation of Lily Hill Park. In the climate change context, Lily Hill Park has woodland and meadows that provide urban cooling, carbon storage and support the survival of biodiversity.

A project to finalise the installation of a **ground source heating pump** at Westmoreland Park Pavilion is ongoing and the service are also looking at **increasing rainwater harvesting** at a number of sites following successful trials at the Look Out and Westmoreland Park.

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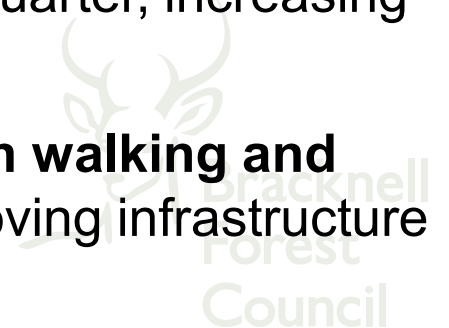
Bracknell Forest Council: Place, Planning and Regeneration

Highways and Transport

Funding has been secured to work on a **bus service improvement plan (BSIP)**. The BSIP sets out the combined vision for improving bus services in the borough. The Partnership with local bus operators is now working to publish an Enhanced Partnership Plan and Scheme which will set out actions to help deliver the BSIP aims.

Partnership work with the **Eco Rewards scheme** has continued to incentivize local schools and residents to choose sustainable travel options. At the end of quarter 3 there are now 9 schools participating in the scheme, and 45,000 green miles were reported during the quarter, increasing the overall total to 245,000 since launch.

Moving forwards the service will be undertaking a wide spread **consultation on walking and cycling habits** within the borough during Q4 to better inform planning on improving infrastructure and supporting a greater transition to these sustainable modes.



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Bracknell Forest Council: Delivery

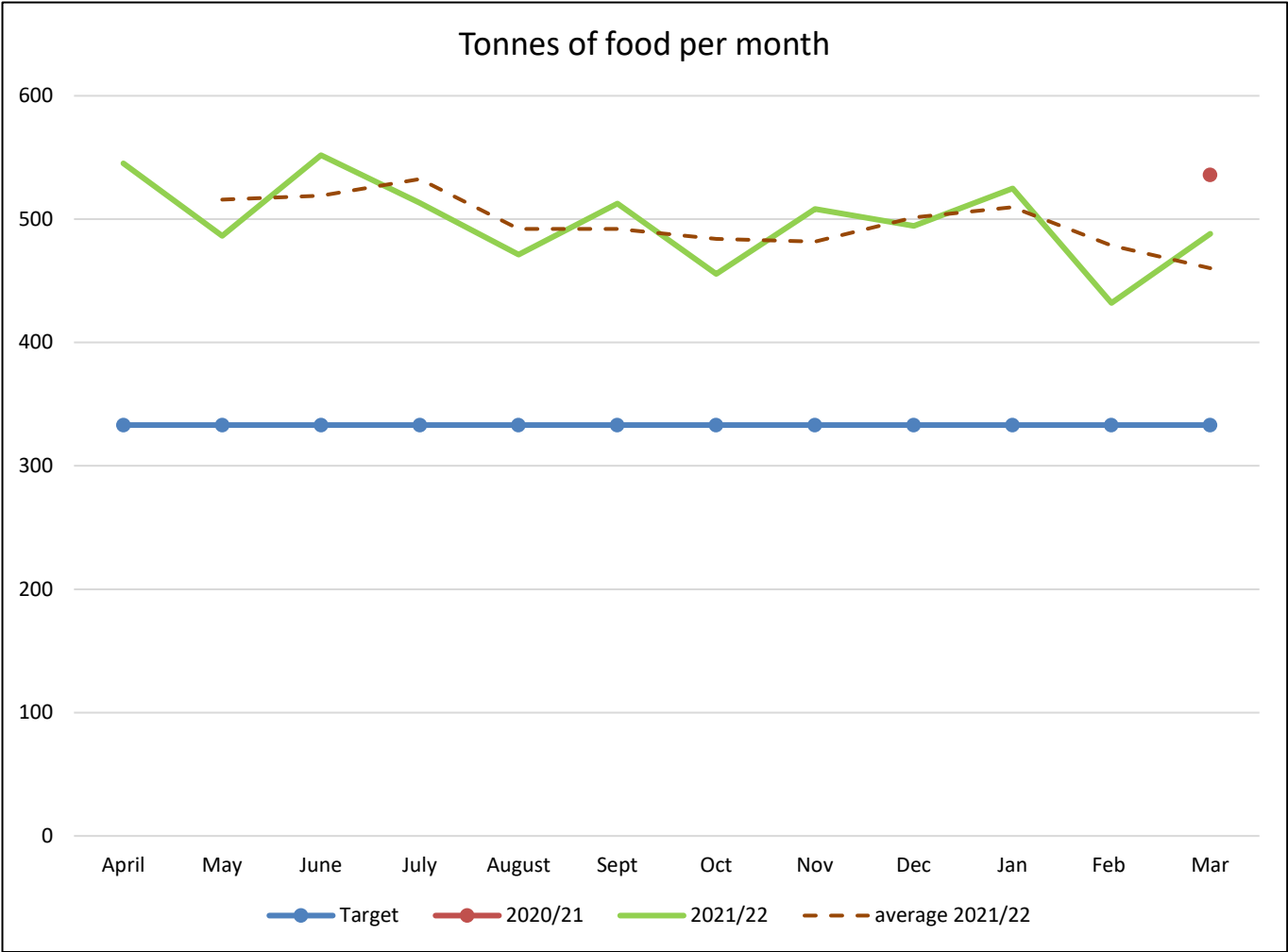
Environmental Services – Greening our Waste Strategy

- Performance on the council's food waste recycling service has been very strong throughout the first year. The year ended with over **6,000 tonnes** of food waste diverted from landfill.
- The average overall recycling rate is higher than targeted at **56%** for the year. This is a 13% improvement on last year which is very significant. Participation in the food waste scheme has also been sustained at an exceptionally high **90%** of eligible households. This compares to an average of around 60%-70% in other schemes.
- Efforts to reduce the total amount of waste ending up as landfill have also been successful representing **7%** of all waste currently – below our annual target of 10%.
- The diversion of food waste has produced a carbon saving of over **3.72 million kg of Co2e** in the first year.
- The service has also started collecting and analysing **waste fleet vehicle emissions**. A metric will be available at the end of the financial year and will serve as a benchmark for future measurements.

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Bracknell Forest Council: Delivery

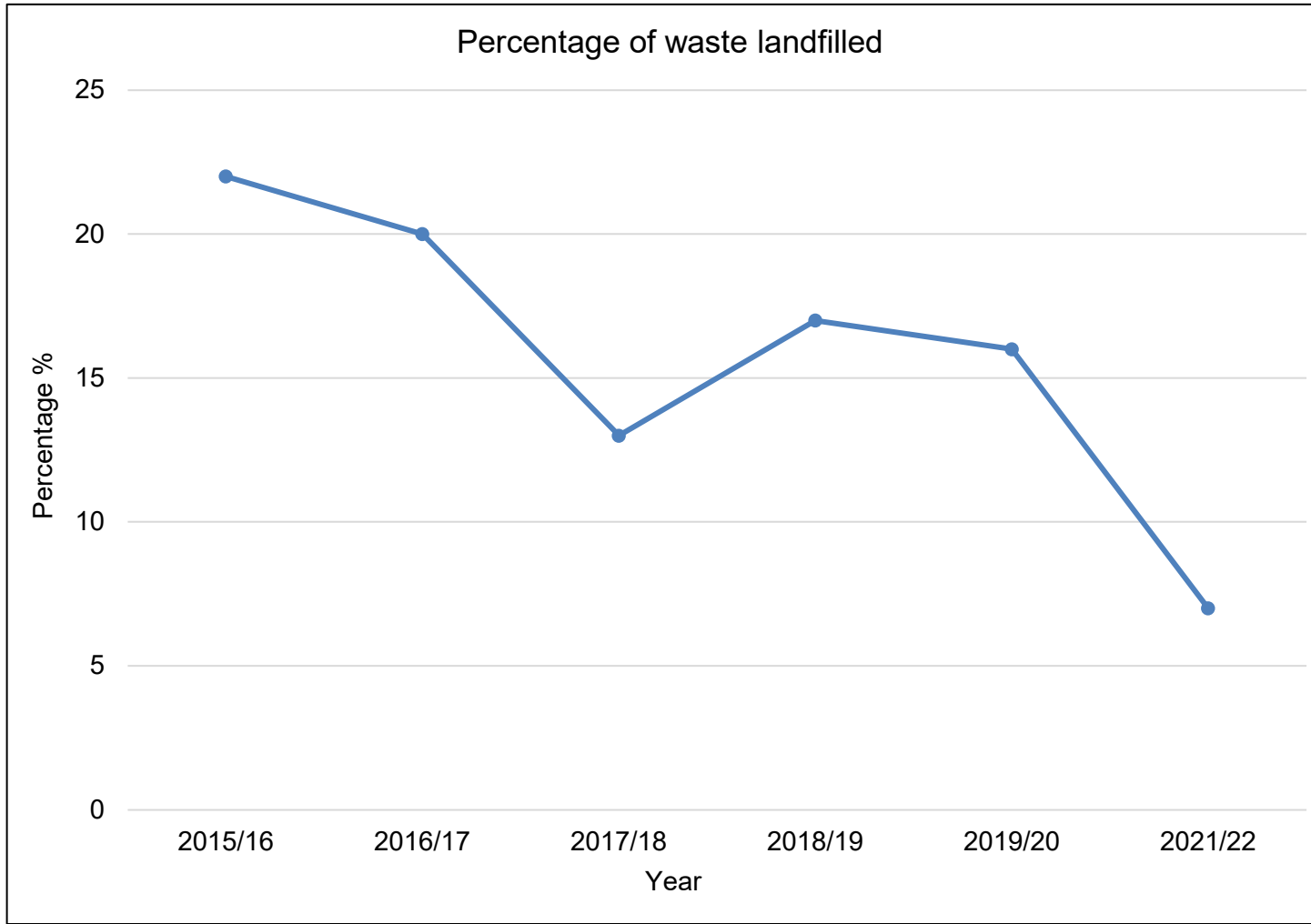
Environmental Services – Greening our Waste Strategy



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Bracknell Forest Council: Delivery

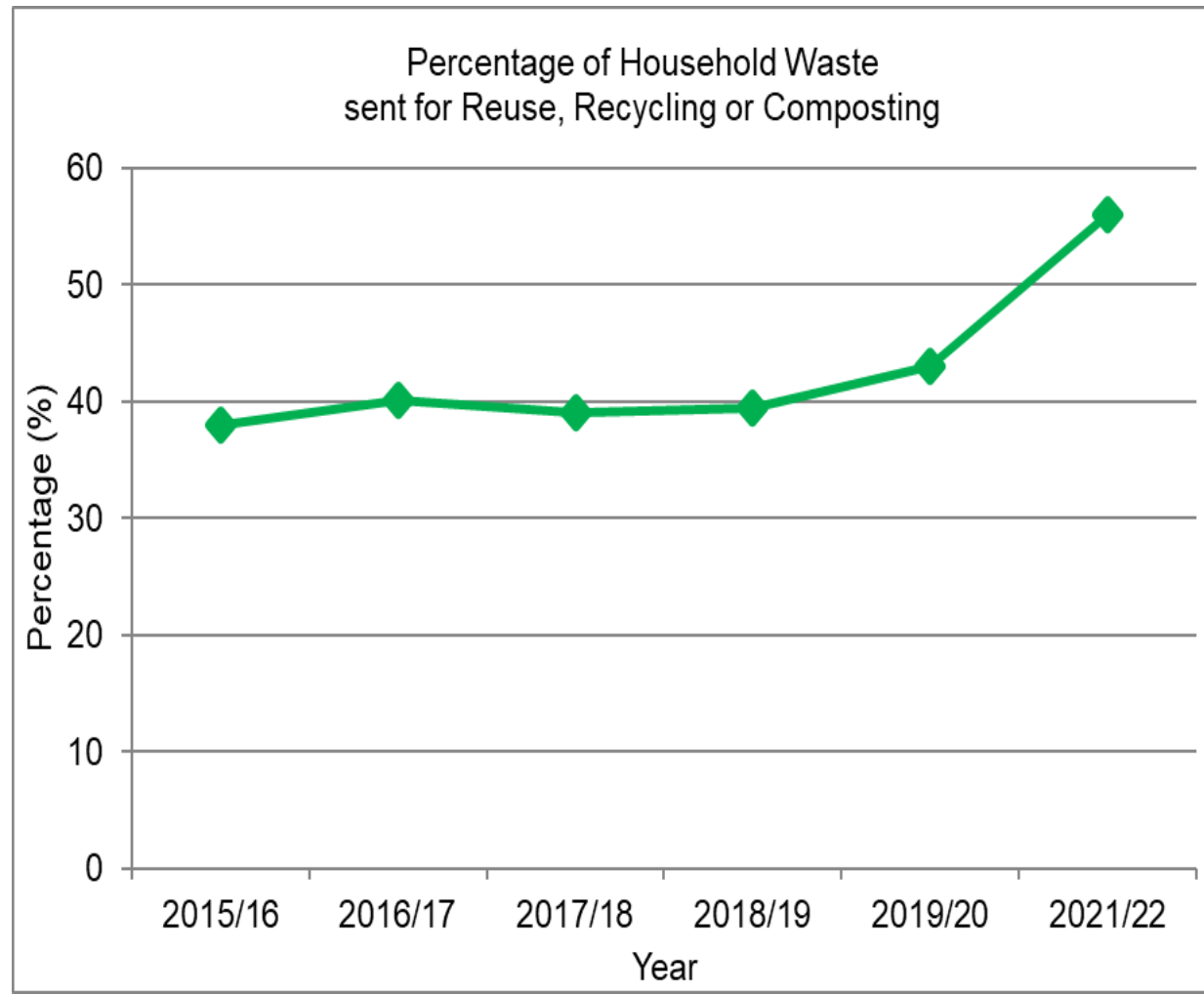
Environmental Services – Greening our Waste Strategy



Climate Change Annual Report

Bracknell Forest Council: Delivery

Environmental Services – Greening our Waste Strategy



Climate Change Strategy Update

Bracknell Forest Council: Chief Executives

- At least one story every two weeks
- 110 Press stories issued between in the financial year
- Facebook, Twitter & Instagram.
- E-newsletters, Town & Country, local media outlets
- Forest Giants

Read the winter edition of Town & Country

This edition includes:

- how to stay well this winter
- the success of the Forest Giants
- information on waste and recycling at Christmas
- improvements to our parks and green spaces
- and much more

Improving walking and cycling routes in Bracknell Forest

1 February 2022



Energy efficiency support for residents

24 January 2022

Local Plan submitted for examination

21 December 2021



Bracknell Forest @BracknellForest · Jan 18

You may have heard the news that Bracknell has been named the 9th least wasteful town in England. 🇬🇧

This is a huge achievement and we'd like to say a huge thank you to you for all your hard work, particularly over the past year. 🌟



Climate Change Strategy Update

Key Projects moving forward

The plans for the redesigned **Commercial Centre** will incorporate some significant energy saving / greening elements. These will include a green roof providing thermal insulations and allowing the installation of solar PV panels; the heating via an air source heat pump; plus, the addition of electric vehicle charge points.

The council has secured £100k funding to roll out **32 residential charging points** across the borough. These will be low wattage / fast chargers, aimed at overnight charging.

Public Health funding will support several projects such as an **Eco Rewards** behaviour change incentive scheme; a scheme to promote '**Get Green and Active**' volunteering, and efforts to improve the health of some of our poorest residents through **home improvement works**

Our food waste collection scheme will start to expand to a further **20% of flats** (up to 1,800 residences) in the Borough.

Bracknell Forest Council Climate Change Strategy Update For Climate Change Advisory Panel