

ONE PLANET: KEY PROGRESS



One
Planet
Cardiff

Our vision for a
**Carbon Neutral
City** by 2030



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Report Rationale:

- Formalises the One Planet Agenda as a key delivery mechanism for the “Greener, Fairer, Stronger - City Recovery and Renewal Strategy”.
- Reports back on the key outcomes of the public consultation;
- Describes the substantial progress made by Council
- Seeks cabinet approval of ‘direction of travel’ of key projects, and policy interventions that move this agenda onwards;
- Seeks delegation for selecting initial in year capital spend.



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Background

1. **Launch Report Oct 2020**
2. **Council's operations to be Carbon Neutral by 2030**
Carbon Neutral City by 2030.
3. **Final Report Summer/Autumn 2020 – to include Carbon Modelling**



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ONE: Public Consultation / Engagement

1. An online consultation - general public;
2. An online questionnaire - local businesses and organisations;
3. A bespoke survey of young people, designed/analysed by Cardiff's Youth Council, and
4. An Environmental Scrutiny exercise where key experts and stakeholders were invited to give their views on the draft strategy.

Over 2000 responses



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Consultation: Key Results



- Climate emergency response needs to be resourced
- Consultation, engagement, leadership and partnership all crucial
- Critical to effectively involve public / stakeholder groups
- A leadership board essential
- Any final action plan needs to identify the projects that can be realistically delivered + timetable, costs and prioritisation
- Public behaviour change is the biggest challenge - needs to be well resourced, and continually in collaboration with partners longterm



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Consultation: The top 3 for each of the key consultee groups were as follows:

Public survey:

1. Energy - demand reduction and increased renewable generation
2. Green Infrastructure & Biodiversity
3. Transport – especially active travel

Young people:

1. Energy - demand reduction, increased renewable generation and research
2. Built environment - more climate responsive construction and operation
3. Green Infrastructure & biodiversity

Businesses/organisations (although note that the response level was lower than for the public/young people surveys):

1. Energy - demand reduction and renewable generation
2. Green Infrastructure & Biodiversity
3. Transport





Consultation Summary:

- **Good support for the proposed Council priorities and themes**
- **Suggests that Public/Business engagement is important throughout the full programme**
- **Behaviour Change –City/Council – a crucial and ongoing component and needs more development**



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TWO: SUBSTANTIAL PROGRESS UPDATE

Overall, the Council – across all services - has proactively responded to the challenge



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1: Governance and Resources

- **OPC Steering Group Chaired by the Leader established including senior Cabinet members.**
- **OPC Integration with Corporate Plan**
- **A Climate Emergency Board has been established with PSB**
- **Capital Funding Available for OPC Projects. £700k**
- **Resources : additional new posts – in year capacity support**





Carbon Modelling: Consultancy Appointment

- i. Appointment Independent Carbon Consultant**

Built Environment – Clear Mission Statements

- i. City Wide Zero Carbon Development**
- ii. Council: Mission Statement: Zero Carbon :New Build – estate/schools/housing**
- iii. Progress Social housing retrofit**

Renewables: Cardiff Heat Network / Our 9MW solar farm



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Clean Air and Zero Emissions (Transport):

- **EV Infrastructure -** Successfully bid £170k of Welsh Government's ULEF funding.
10 Council carparks will see the installation of 22kW fast chargers
- **Clean Air City: Real time air quality network**
- **£60K EV vehicles for bereavement**
- **Council Fleet: 60 of 92 Fleet e-vehicles**

Waste

- **6 RCV soon in fleet / new low carbon hybrid fleet – most Wales**





Green Infrastructure and Biodiversity :

Major Progress - Coed Caerdydd - Cardiff's Urban Forest



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OTHER AREAS OF KEY ACTIVITY IN ADVANCE OF THE FINAL OPC STRATEGY

- **Hydrogen Feasibility and Demand**
- **City Car Club – procurement progressing**
- **A Single Use Plastics: Clear Position Statement Developed**
- **Cardiff's EV Transition Action Plan/ Strategy**
- **Domestic Private Retrofit** major upscale in retrofit activity, in privately owned housing, discussions at regional level



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CAPITAL PROJECTS £700k

- Air quality real time monitoring
- Schools and Estates Baselineing
- Installation of air source heat pumps in two council owned buildings
- A pilot scheme to test potential technologies for private kerbside electric vehicle charging
- A pilot scheme to trial re-usable domestic recycling waste bags
- Roll out of enhanced food digestors facilities in schools
- Upgraded EV charging facilities to power the small fleet of electric waste vehicles at the Lamby Way Depot



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Next Steps:

Final Strategy and action plan summer 2021 with carbon baselining and carbon/economic/social impact modelling to assist project prioritisation.



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