ONE PLANET: KEY PROGRESS













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.







Background

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







ONE: Public Consultation / Engagement

- 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







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
- <u>Public behaviour change is the biggest challenge needs to be well</u> resourced, and continually in collaboration with partners longterm



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



Public survey:

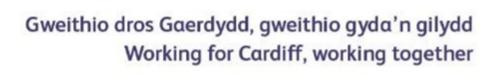
- 1. Energy demand reduction and increased renewable generation
- 2. Green Infrastructure & Biodiversity
- 3. Transport especially active travel

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







TWO: SUBSTANTIAL PROGRESS UPDATE

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







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







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







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







CAPITAL PROJECTS £700k

- Air quality real time monitoring
- Schools and Estates Baselining
- 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







Next Steps:

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

