

One Planet Cardiff – Council Action Plan

Review of Progress 2022



Action Plan Review - **BUILDINGS**

Council Impact	City Impact
<p>Estates Energy Efficiency</p> <ul style="list-style-type: none">• 18% reduction since 2019/20• 55% reduction since 2014 <p>Net-Zero New build and Retrofit pilots in progress</p> <p>Performance sensors/baselining measures in place</p> <p>Detailed and costed Council Buildings programme and action plan being prepared for Cabinet Consideration</p>	<p>Housing – 28% of City footprint</p> <p>Major Council flats retrofit programme progressing. Grant schemes in development with WG and Region</p> <p>Increased Fuel Poverty and cost of living crisis challenges. Outreach beyond those in fuel poverty needed for major city impact – discussing possibilities with Cardiff Capital Region and others and Govt role acknowledged</p> <p>Commercial Development</p> <p>Strong Planning Policy Position Statement in Place Climate Change and Carbon at the heart of the new LDP</p>

Action Plan Review – MOBILITY

Council Impact

Collective emissions = 30% Council Operational total:

Fleet:

Significant EV's now operational incl 10 Waste Vehicles
Charging infrastructure also in place at key sites
Revised Fleet Strategy in preparation aiming for full transition to low emission vehicles

Grey Fleet:

Cross Authority review underway – requires operational needs audit and HR policy examination

Commute:

Staff Incentives scheme developed
Links with Hybrid working plans and on-line meetings
Large numbers of staff still location based (esp schools)

City Impact

Almost 40% of City Wide Emissions

Transport White Paper:

Electric Bus Fleet Operational
Almost 70 public EV chargers in place by Spring 2023
Cycle priority and traffic calming strategy well advanced but with more to do over the next decade
Rail electrification advancing

Requires significant behaviour change from all alongside hard measures

Action Plan Review – SUPPLY CHAIN & PROCUREMENT

Council Impact

Dwarfs other emissions >80% of total

New Procurement Strategy in place:

Carbon and circular economy as central themes
Signals to supply chains that Carbon will soon be a competitive factor in tender

Pilot Projects – designing out high carbon elements:

- Low/zero carbon road resurfacing
- Net zero new build school pilot project
- LED replacement – buildings and street lighting

Next Steps:

Issue Directorate spend/carbon profiles and develop deeper understanding of high carbon impact spend areas.

Commence carbon literacy and training support for Specifiers.

Work with WG to improve impact assessment methodology

City Impact

Socially Sustainable Procurement Strategy

Supports and stimulates wider change amongst suppliers

PSB partnership approach

Co-ordinated ambitions and messaging to the market being considered with our public sector partners in the city

Action Plan Review – Recycling and Waste

Council Impact	City Impact
<p>Minimal inclusion in WG carbon framework Disguises impressive track record</p> <p>Action Plan for Further Improvements:</p> <ul style="list-style-type: none">• Increase Recycling Participation and Capture• Increase opportunities to recycle• Improve the material quality of recycling sent for re-processing an• Encourage and support the reuse and repair of materials.	<p>Wales amongst the leaders in the world</p> <p>Awareness raising and behaviour change support is a constant need</p>

Action Plan Review – Renewable Energy

Council Impact	City Impact
<p>Significant rooftop solar in place</p> <p>Another tranche in development</p> <p>Plans for 2 new major renewables schemes being developed.</p> <p>One could supply direct energy to operations and vehicles at Lamby Way (potentially significant impact)</p>	<p>Lamby Way Solar Farm complete Decarb benefits to Grid and Waste Water Treatment Works</p> <p>Cardiff Heat Network Under construction – reducing the need for gas/electricity for heating in the Bay</p> <p>Tidal Power Western gateway and CCR re-examining the case</p>

Action Plan Review – Green Infrastructure & Adaptation

Council Impact	City Impact
<p>Coed Caerdydd Increasing the City's tree canopy by 25%</p> <p>Direct impact where planting is on Council land</p> <p>Challenges in finding space, long term management resource and recording impacts appropriately (after planting matures)</p>	<p>Coed Caerdydd Increasing the City's tree canopy by 25%</p> <p>Positive partnership working and outreach with planting on non-council land in progress – more opportunities needed and being explored</p> <p>Flood Defence Schemes Sustainable Urban Drainage Schemes (SUDS) now starting to emerge as standard Bespoke schemes delivered (Greener Grangetown, Central Square, Cathays Terrace, etc) Updated Flood Defence Strategy in development</p>

Action Plan Review – Food

Council Impact	City Impact
<p>Food Strategy: Focus on Schools Food Edible Playgrounds Study to optimise health and carbon benefits in menu planning 40 School kitchen improvements by Christmas 22</p>	<p>City Growing Plans Pilot community growing opportunities on Council land £2.5m CCR funded innovation project for “local healthy food” Local Development Plan Policy review to identify “food deserts” and relevant policy response</p>

Action Plan Review – Behaviour Change & Engagement

Council Impact

Embedding Carbon in Council Decision Making

CEx level meetings to address cross cutting, complex issues

Staff engagement

Carbon Literacy Training

Travel incentives

Specifier Training

Schools and Youth Engagement

One Planet Schools Pledge

Strengthening of network of advisors and support

Cardiff Youth Council as Champions

Curriculum integration of Climate Change Agenda

City Impact

PSB Climate Emergency Board

Alignment of public, academic and utility partner strategies

Focus on collaboration around

- Fleet and Mobility
- Procurement
- Estates and Green Infrastructure
- Behaviour Change

Climate Change Convention

Plans developing for major stakeholder event

Behaviour Change Campaign

Focus areas:

1. Transport
2. Energy and heating
3. Waste & Recycling
4. Food