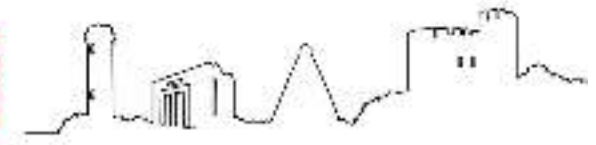


Carbon Reduction Plan

September 2022



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Content

- Progress update
- Carbon Reduction Plan
- Carbon Reduction Plan Teams and Timeline
- Links to Strategy
- Priority Actions



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Progress Update

- Focus on the corporate estate, CLS Consultancy on behalf of DMBC have carried out a baseline assessment of the corporate estate, including grey fleet for scope 1&2 emissions.
- This will provide us with a baseline 2019, aspirations for the next 5 years and ideas for decarbonising the corporate buildings.
- This work will be completed by the end of September and will feed into the wider Carbon Reduction Plan.
- An internal working group on behavioural change delivered the first meeting in August, it's important that this work feeds into the wider plan on Carbon Reduction.
- Review on commercial benefit of Solar PV, will start October 2022.
- Trajectory's to demonstrate reaching Net Zero by 2041 are currently being reviewed.



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Carbon Reduction Plan

- A wider Borough plan now needs to be commissioned, this plan will support the aspirations of the West Midlands and tie into future innovation and funding opportunities.
- We will start with our own operations, using the data collected during the past 3 months, this will inform the baseline and also commercial business cases.
- Each directorate will take ownership for delivery of carbon targets.
- Workstreams will define priority actions, policy, funding, capital expenditure, resource and delivery of targets and KPI's.
- A Energy/decarbonisation, Waste and Climate Emergency strategy will be commissioned, this will set out the vision, sense of direction and provide a 5 year action plan for the council, all supported by marketing and communications.
- Set up governance arrangements to monitor progress



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Teams and Timeline

Buildings

- Housing Directorate
 - Property and capital projects
 - Regeneration and new builds
 - Sustainability
 - Planning Policy
 - Trading Standards
-
- **Cross cutting: Communications**
 - **Cross cutting: Finance and Procurement**

Transport

Transportation
Fleet Services

Waste & Offsetting

Waste and Fleet
Air Quality



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Cabinet Report: Timeline

- | Expected Date | Proposed activity |
|----------------------|--|
| • October – December | Scoping policies, programmes and projects to develop the first draft of the Carbon Reduction Plan. |
| • January 2023 | Initial Dudley Carbon Reduction Plan and Monitoring framework |
| • February – March | Engagement programme with key stakeholders |
| • April | Cabinet Report |
| | Request to consult with residents on the final carbon reduction plan |
| • July | Final draft of Carbon Reduction Plan incorporating engagement and consultation outcomes CRP to Cabinet and Council for approval. |



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Links to Strategy

- Circular Economy, links to West Midlands Industrial Symbiosis programme WMISP.
- Waste Strategy,
- Heat Decarbonisation/Energy Strategy, links to smarter cities.
- Climate Emergency Strategy, building a resilient Dudley.

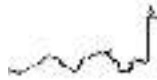


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Priority Actions

Priority Action	Cost over 10 years (£) and staff requirements
<p>Buildings</p> <ol style="list-style-type: none">1. Use baseline data from CLS study to inform decisions on installed measures.2. Consider opportunities for heat networks, starting with EFW3. Local generation, using public sector to create energy hubs4. Consider opportunities for demand side response, energy storage and smart/flexible technologies5. Heat pump installer training, links to skills gaps and green jobs.6. Initiate exemplar new build projects of LA owned or partially owned housing at a very high standard of energy efficiency.	<p>9 FTE</p> <p>£30m</p>



Priority Actions

Priority Actions	Costs over 10 years (£) and staff requirement
<p>Publicity campaign</p> <ol style="list-style-type: none"> 1. Run a major publicity campaign covering all aspects of the Net Zero Plan. 	<p>Up to 2 FTE £300K until 2026</p>
<p>Planning Policy</p> <ol style="list-style-type: none"> 1. Explore opportunities to raise new build non-domestic carbon emissions standards above the National Planning Policy Framework. 2. Initiate low carbon heat networks schemes in cost effective and heat density locations, acting alone or in a public – private partnership 3. Introduce carbon offsetting, offset payment from developers who can't meet Net Zero targets, £300 per tonne. 	<p>2 FTE (Planning Policy, Sustainability) £200m investment as a public ownership or private sector Positive FINANCIAL CONTRIBUTION.</p>