

Swansea Council Carbon Reduction Service Modelling and Supply Chains

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Swansea Council

Journey So Far

- **Key Points**
- Net Zero Action Plan Approved by Cabinet
- 30 Actions across all Services
- Collaborative and joined up approach
- Appointment of a Carbon Reduction PM Role
- Behaviour Change Toolkits
- Monitoring Tools
- Regional Projects
- Rolling Retrofit Programme
- Fleet Transition
- Increased Reporting and Awareness through KPI's
- Increased Governance

Swansea Council - 30 Actions by 2030

| Buildings & Energy | Fleet & Mobile Equipment | Land Use |
|--|--|---|
| <ul style="list-style-type: none"> Decarbonise our public estate by reviewing our asset management strategy. Reduce the energy consumed across the council's buildings and estate. Encourage employee behaviour change through training and process improvement Decarbonise street lighting with more LED's Ensure all new buildings are constructed to the highest possible sustainability standards. | <ul style="list-style-type: none"> Transition the Council's fleet to zero emission equivalents in accordance with the Welsh Government's expectation of light commercial vehicles by 2025 and other vehicles by 2030 Establish a fleet vehicle charge point infrastructure that supports this transition Optimise fleet vehicle use and efficiency Establish integrated data systems for GHG measurement Revise and approve the appropriate supporting policies, procedures and working practices Decarbonise Grey Fleet travel Decarbonise mobile plant equipment | <ul style="list-style-type: none"> LDP policy reviewed to protect land soils and habitats rich in carbon Increase terrestrial Central Area GI to 26% Tree planting areas mapped county wide 1000s new trees planted 30% of protected sites (local nature reserves, etc.) in positive management for biodiversity |
| Waste | New Ways of Working | Supply Chain |
| <ul style="list-style-type: none"> Encourage circular economy values within Swansea Council – to minimise and prevent - reduce, reuse, recycle, Reduce operational single use plastics wherever possible Reduce operational waste e.g. food, paper Encourage operational recycle and repair. Reduce Construction Waste | <ul style="list-style-type: none"> Develop emissions data monitoring processes Reduce commuting miles Deliver agile working policy Develop staff active travel plan Implement Healthy Travel Charter in Swansea Council Develop an Electric Vehicle Charging Strategy | <ul style="list-style-type: none"> Commit to Net Carbon Zero in our supply chain by 2050 Through forward planning and innovation develop new specifications for our contracts that deliver Net Carbon Zero Map and monitor our progress, with appropriate prioritisation and target setting |

‘So What is Behind the Low Hanging Fruits’

A New Look Service?

- **Where do we go from here....**
- Changes on how we operate day to day
- Asset consolidation
- Dual service locations
- Fleet utilisation
- Impacts of NWOW
- Travel Plans
- Recycle and Reuse Hubs
- Staff Training in Building Services
- Project and Day to Day Purchasing Specifications
- Supplier requirements e.g., Carbon Emission Data/ Carbon Reduction Plans
- **Expectation of a 'More From Less Approach'**
- **Buy in and behaviour change Importance - 'It's Everyone's Business'**
- **Policy and Funding Critical**

The Impacts of Supply Chain

- Demand Changes
- Requirement and Specification Changes
- Limited resources
- Capacity Challenges
- Skill levels
- Need for Innovation

All of which increase cost in the Supply Chain and often cause delays.

How can we support?

- Drive collaborative approaches
- Economies of scale projects
- Local Training for Local Companies
- Contract and Tender Specifications
- Supply Chain Analysis

In Summary

- Great progress in a short period of time
- Risk of momentum stalling
- **Future Challenges?**
 - Behaviour Change
 - Funding
 - Available Resources
 - Skills Gap
 - Uncertainty

