App 1 - Swansea Council Net Zero 2030 Ambition

Swansea Council Net Zero – 30 Actions by 2030

Buildings & Energy	Fleet & Mobile Equipment	Land Use • 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		
 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. 	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			
Waste	New Ways of Working	Supply Chain		
 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 	 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 	 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 		

Scope 1& 2

Category	Current t CO2e (21- 22)	Spend already allocated	Projected t CO2 based on spend already allocated	Investment option A	Projected t CO2e Based on Inv A – Future Funding Ops	Investment Option B	Projected t CO2e Based on Inv B – further funds required.	Balanc e of t CO2e	Cost
Buildings & Energy	21,031	£1.3m retrofit, £26,400 ERF (Energy Sparks)	379 103 (1% of bills)	£7m retrofit (Salix Finance/WG Funding Programme) – 8 years payback on investment	4,438	£93m investment on building decarbonisatio n programmes	12,889	3,222	£101.5m million investment excluding cost of offsetting
Street Lighting	2,041	£1m approved	159	£800,000 required to complete.	118			1,764	£1.8million
Fleet & Mobile Equipment	6,100	£484,000 assigned to EV £300,000 grant for charging points. £40,000 plus annual fee for data base mgt – internal budget		£7m to 2027 only for light commercial vehicles. EV fleet charging points - £700,000 - £1m.		150 HGVs x price differential of £200k each +£30m Further 200 light commercial @ +£8m 450 mixed coming around again @ before 2030 @ +£10m	Average of 760 t reduction per year	0	+£55m to 2030
Grey Fleet	285	£1.5m social care.					Average of 36 t reduction per year	0	£1.5m
Total	29,457								£159.8m
Land Use	-5.594							-5,000	£27.5m
Total	23,863							-5,000	£187.3m