

# The Pathway to Net Zero

Business Decarbonisation



# Decarbonisation

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Newport City Council are committed to supporting organisations to understand the risks and opportunities associated with climate change.

To achieve net zero, each element of our current economy will need to decarbonise.

Achieving decarbonisation requires a systematic approach. The 'Net Zero' with private sector partners to help them understand and minimise their impacts by preparing baselines and net zero strategies and targets. This can involve producing new policies and business plans to accelerate and manage the complexity presented by the transition.

# Key steps to decarbonisation:

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## **1. Establish your baseline year**

We will work with you to carry out an assessment and analysis of where GHG emissions are generated. This carbon footprint analysis is a baseline that will inform your net zero pathway.

## **2. Define the net zero pathway**

We will produce your net zero pathway, outlining the changes that will be required to meet your goals.

## **3. Initiate and manage**

We will support you to embed the tasks and milestones of your net zero strategy.

- Behaviour change
- Cultural shift in procurement
- Understand the risks and opportunities

## **4. Deliver and mitigate**

Continuous annual reporting and reassessment will be essential to ensure that milestones are met along the path to net zero transition.

# Carbon Reduction Plan

Carbon Reduction Plans (CRP) have become increasingly more necessitated across public sector procurement.

- Suppliers bidding for major government contracts are required to produce a CRP.

A CRP will help organisations and customers understand the impact business operations have upon the environment.

To complete a CRP, organisations are required to report on a portion of their carbon footprint. This is known as the 'base line' year that all future carbon footprint reports will be compared to. Information on what data is required can be found in the pages to follow.



# Scope 1 & 2

To ensure consistency of reporting and ease of comparison between suppliers, CRPs should be completed in accordance with the latest environmental reporting guidance for Scope 1 & Scope 2 emissions. A required subset of Scope 3 emissions should also be reported in line with best industry practice and technical guidance.

Scope 1	
Category	Data Required
Natural gas	kWh (12 months)
Company owned vehicles	Litres of fuel (12 months) <i>Please specify fuel type</i>

  

Scope 2	
Category	Data Required
Electricity purchased	kWh (12 months)

# Scope 3

## Scope 3

### Category

Upstream transportation and distribution

### Data Required

kWh of purchased electricity (12 months)

*Input the same consumption figures of electricity used in the reporting period. This category calculates emissions occurring from grid losses (the energy loss that occurs in getting the electricity from the power plant to the organisations that purchase it).*

Waste generated in operations

Tonnes of waste (12 months)

Business travel

Either: litres of fuel, mileage travelled, or £ spent on fuel. (12 months)

Please specify fuel type

*Transportation of employees for business related activities during the reporting year - in vehicles **not** owned or operated by the reporting company.*

Employee commuting

Entered in miles (12 months)

*Transportation of employees between their homes and their worksites during the reporting year (in vehicles not owned or operated by the reporting company)*

Downstream transportation and distribution

*Transportation and distribution of products sold by the reporting company in the reporting year between the end consumer (if not paid for by the reporting company), including retail and storage (in vehicles and facilities not owned or controlled by the reporting company)*

# Corporate Net Zero Target Setting

The **Science Based Targets (SBT)** Corporate Net Zero Tool is intended to enable companies to develop appropriate science-based emission reduction targets, as well as to assist companies and interested third parties in assessing and evaluating companies' targets.

The calculation uses data from IEA Net Zero Emissions scenario, as well as a cross sector pathway and FLAG sector pathway that were developed by the SBTi.

SBT states that companies should set one or more targets to reach a state of net-zero emissions, which involves:

- Reducing **scope 1, 2 and 3** emissions to zero or a residual level consistent with reaching net-zero emissions at the global/sector level
- Setting short-term and long-term targets
- Select a baseline year for long-term and short-term science-based targets
- Scope 1 and scope 2 targets to use the same base year

Once your organisations baseline emissions have been calculated, the Net Zero Newport team can support you to produce a corporate net zero pathway.

# Contact



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