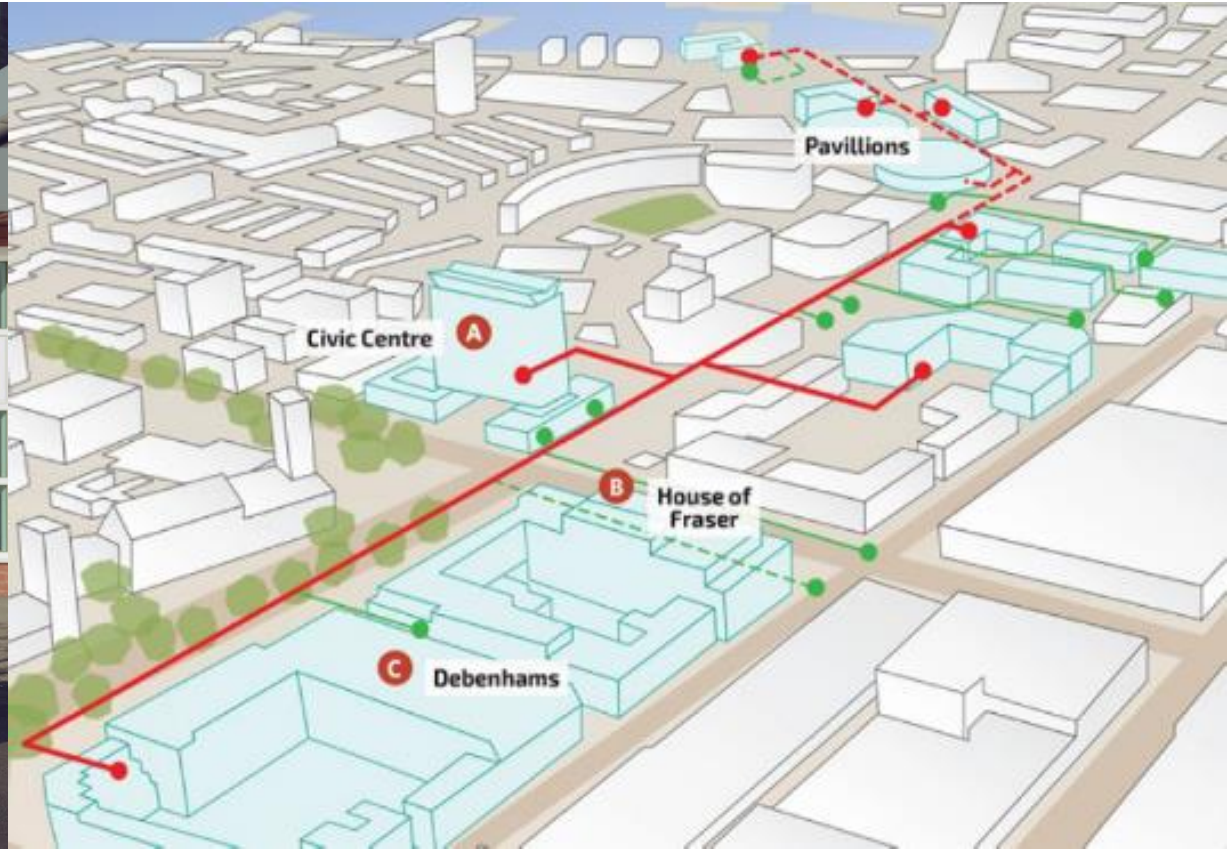
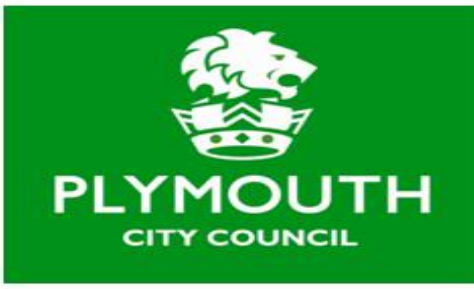


Plymouth Climate Emergency



The Value of a Climate Emergency

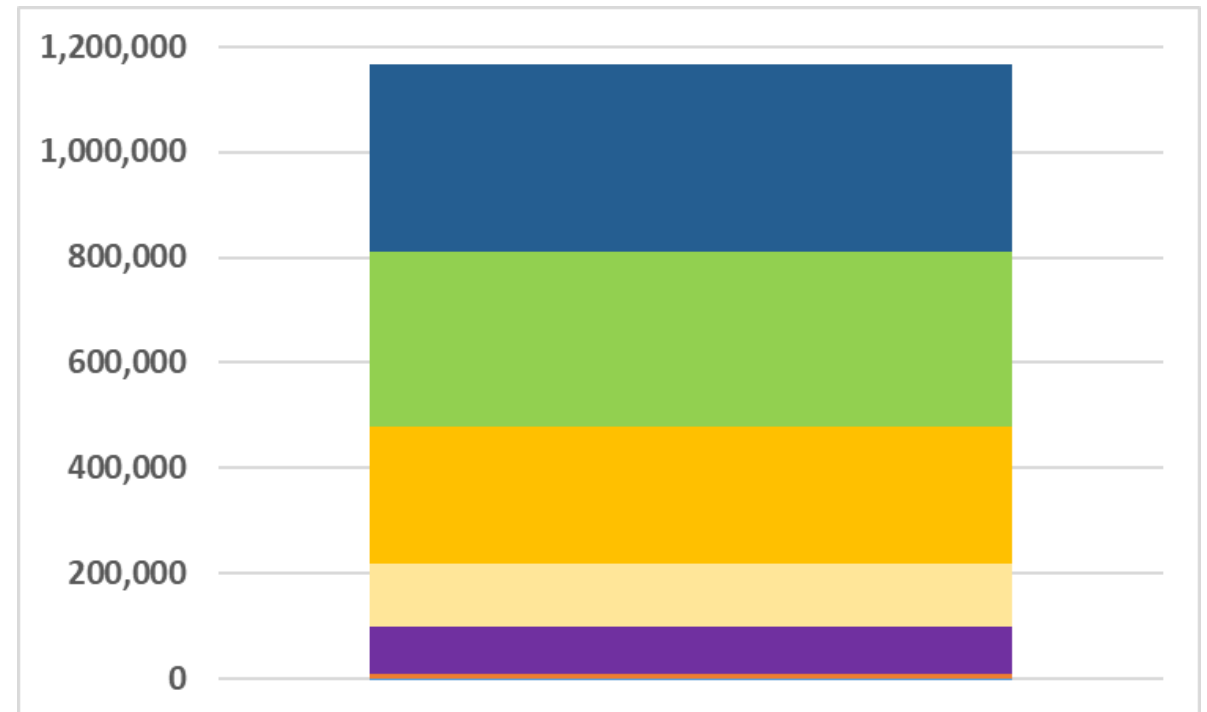
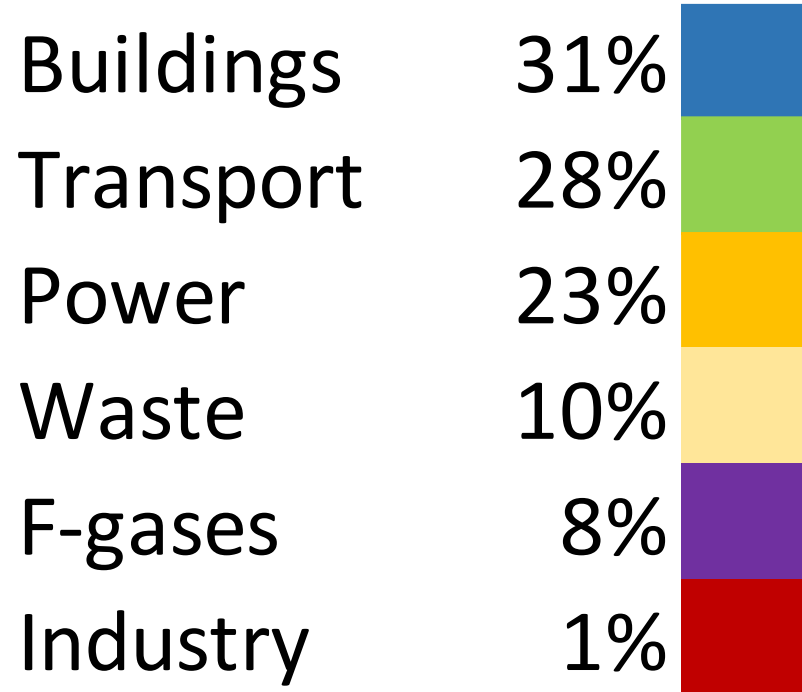


- **Facilitate city-wide conversation**
- **Inspire local action**
- **Create bottom up pressure on central government.**

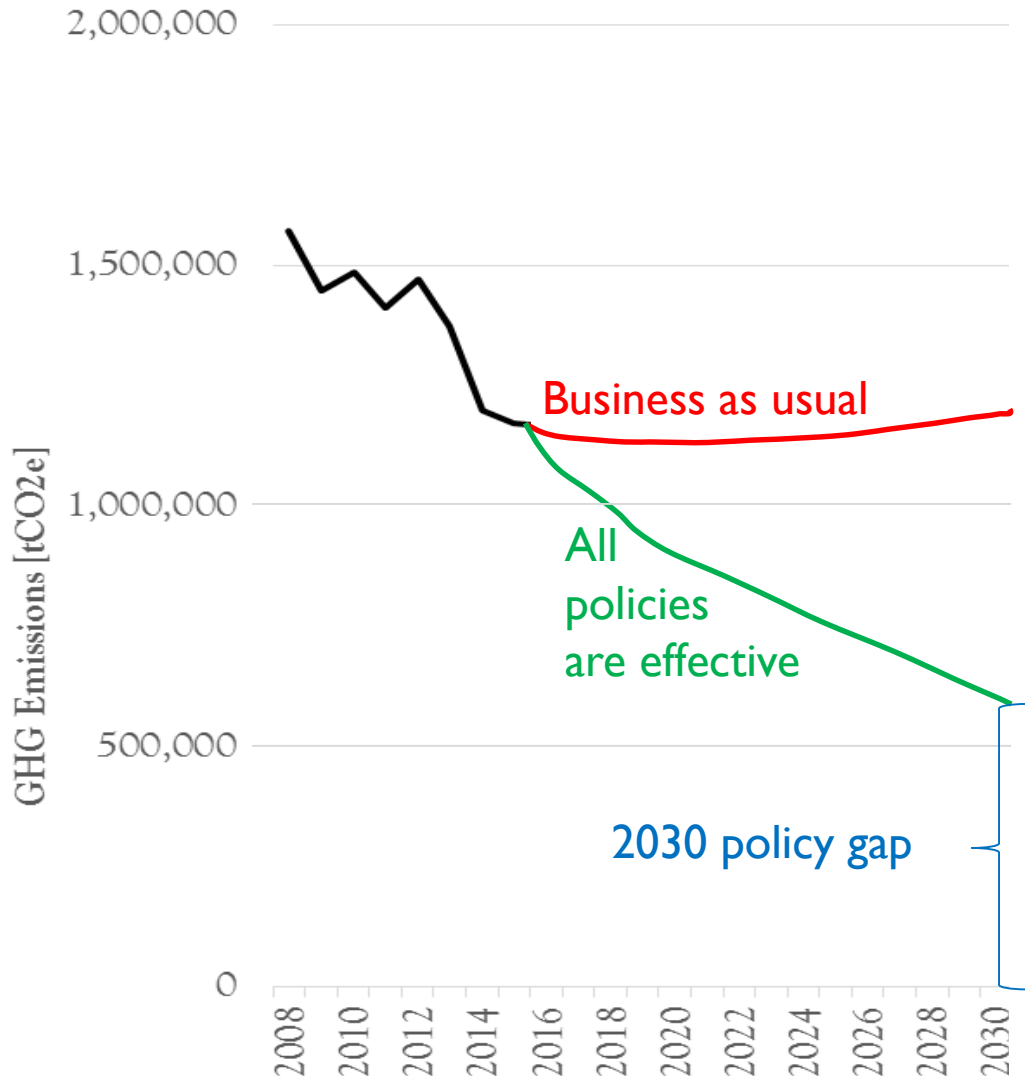
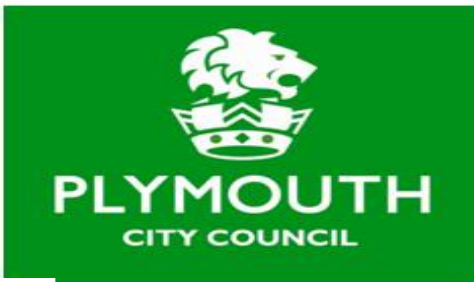
Plymouth's Sectoral Emissions



Where are we now?



Emissions forecast for Plymouth



In the absence of carbon reduction policies emissions in Plymouth will rise.

Existing and anticipated government policies in place to deliver emission reductions, including those that presently do not have sufficient funding.

2030 policy gap

Climate Emergency Action Plan



OFFICIAL

Climate Emergency Action Plan

Climate emergency purpose

- Facilitate city-wide conversation
- Inspire rapid local action
- Create bottom up pressure on government

STRATEGIC APPROACH

Journey towards net zero carbon

Climate emergency values

- A city approach that supports national and global change
- Everyone plays their part
- No one gets left behind

Emergency response phase

2019-21

Transitional phase

2021-23

Acceleration phase

2023-30

PLYMOUTH CLIMATE EMERGENCY ACTION PLAN

2019

Moving Towards

Carbon Neutrality by 2030

Plan 1 of 11
16 December 2019

City Council Final Version
OFFICIAL

Emergency response phase focus

- Continuation of work that is effective at reducing carbon emissions.
- Inspire local action by focusing on projects that are quick to initiate and deliver proven carbon reduction outcomes.
- Analyse and assess where information, resources and policy changes are needed to support the move towards zero carbon, and initiate lobbying to secure the powers and resources needed.
- City collectively sets out vision for how Plymouth will function in a zero carbon world.

Transitional phase focus

- Ramping up delivery of projects that deliver significant carbon reduction, including building retrofits, new low carbon energy generation and changes to mobility infrastructure.
- Complete full scenario testing of options for achieving zero carbon.
- Identifying and prioritising actions.
- Embedding new ways of working.
- Continuing to lobby government for powers and resources to enable us to meet our aim.
- City collectively moves towards zero carbon living with everyone playing their part.

Acceleration phase focus

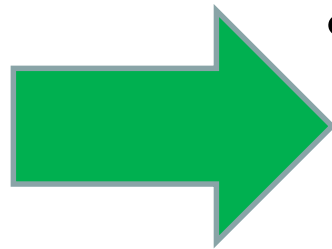
- All actions required to enable us to reach our zero carbon target are identified and are being implemented.
- All new projects and developments in Plymouth are being delivered in a manner that will ensure that they are zero carbon by 2030.
- Zero carbon working practices are fully embedded as business as usual.
- Plymouth is thriving, with a zero carbon focused approach to growth and quality of life.

Climate Emergency Action Plan



Key Areas of Focus:

- Engagement and responsibility
- Power generation and heat
- Buildings
- Mobility
- Plymouth City Council corporate emissions



Each Broken Down Into:

- Immediate Actions
- Actions assessed for practicability, impact, and cost
- Requiring resources, new powers, and / or change at a national level.

Climate Emergency Action Plan



CEAP – 75 Actions

39 Immediate actions including:

- Install 100 work place EV charging points by April 2020
- Install electric ferry charging infrastructure
- Improve the energy efficiency of 200 fuel poor households
- Install renewable ground source heat solutions in the city centre and Millbay
- Promote 3 phase electricity supply to all new buildings
- Complete a review of how the City Change Fund could enable climate emergency focused community.

Corporate Carbon Reduction Plan



Aim and Scope

- Council needs to lead by example.
- Focus on emissions and energy uses within the Plymouth City Council estate.
- Will deliver engagement, behavioural change and governance changes.

Corporate Carbon Reduction Plan



CCRP – 40 Actions

Examples of Immediate Actions:

- Replacement of 54 fleet diesel vehicles with EV's over next 2 years
- Complete a full audit of energy use within all PCC occupied buildings to inform next step changes.
- Review plant/tools which produces CO₂ emissions looking at potential alternative fuels or different mechanisms.
- Review the Council's procurement strategy and identify options for embedding climate emergency approaches with our suppliers.
- Review options for an environmental management system to include in the PCC structures.

Climate Emergency Summary



- The Climate Emergency Action Plan is 1 of 11 – a revised plan will be produced each year up until 2030.
- This will allow learning, new approaches and changes in funding and powers to be included as things progress.
- We have a strategic phased approach to tackling this significant issue.
- It is a Citywide approach.
- It is important that we deliver in line with our Climate Emergency Values:
 - A city approach that supports national and global change.
 - Everyone plays their part
 - No one gets let behind.