

Climate Change Working Group

Barrow Borough Council

21st July 2020

Agenda

Welcome and introduction

Starting point & measuring impact

Action plan updates

Zero Carbon Cumbria Partnership Bid

Low Carbon Barrow Bid

Linked work / projects

Resources available

Climate Change Policy

Agreed at council on 16th June 2020.

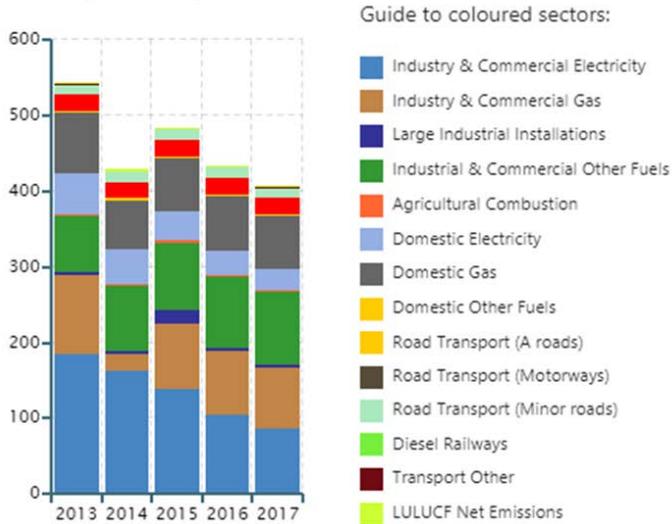
To achieve net zero by 2037, we will:

1. Reduce emissions from Barrow Borough Councils estate and operations;
2. Reduce energy consumption and emissions from homes and businesses in the Borough;
3. Reduce emissions from transport;
4. Reduce consumption of resources, increasing recycling and reducing waste;
5. Increase carbon capture to offset emissions;
6. Increase public awareness around climate change.

Full policy available here: [Climate Change Policy](#)

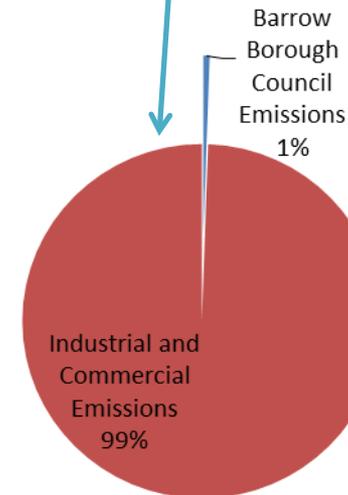
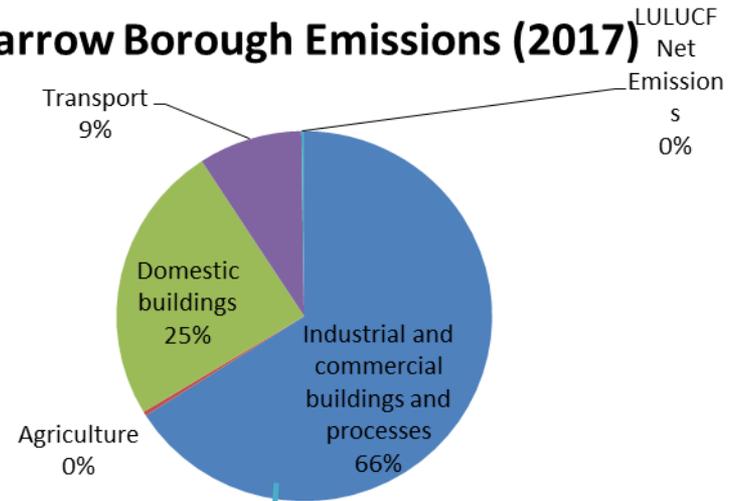
Starting point - Borough emissions

Barrow-in-Furness (2017 Data)
5 years comparison



Sector Name	CO ₂ (kt)		
Industry & Commercial Electricity	85	Road Transport (A roads)	22
Industry & Commercial Gas	82	Road Transport (Motorways)	0
Large Industrial Installations	5	Road Transport (Minor roads)	13
Industrial & Commercial Other Fuels	97	Diesel Railways	1
Agricultural Combustion	1	Transport Other	0
Domestic Electricity	27	LULUCF Net Emissions	1
Domestic Gas	70		
Domestic Other Fuels	2	Total for all sectors	408

Barrow Borough Emissions (2017)



Council emissions

Category	GHG Emissions in gross tonnes CO2 equivalent (tCO ₂ e) 2018/19	Exclusions / Notes
Scope 1		Excludes Fugitive emissions e.g. refrigerants
Gas consumption	588	Includes the Town Hall, Market Hall, Forum, Dock Museum, Crematorium, the Leisure Centre up to 1st August 2018 and buildings managed by tenants including Craven House, Emlyn Hughes House and Salthouse Rd depot.
Owned transport	7	Streetcare, MCU and stewards / carparks
Total Scope 1	595	
Scope 2		
Purchased Electricity	626	Includes the Town Hall, Market Hall, Forum, Dock Museum, Crematorium, the Leisure Centre up to 1st August 2018 and buildings managed by tenants including Craven House, Emlyn Hughes House and Salthouse Rd depot.
Total Scope 2	626	
Significant Scope 3		Excludes water and commuting emissions
Business Travel	20	Based on a medium petrol car using 2018/19 conversion factors. Excludes public transport
Key contractors transport emissions	232	External waste and landscape contractors transport emissions
Total Scope 3	252	
Total emissions in gross tonnes CO2 equivalent	1473	

This chart summarises the tonnes of carbon dioxide equivalent emissions attributable to Barrow Borough Council operations and transport from 1st April 2018 to 31st March 2019.

Full report can be found here: [Barrow Borough Council Carbon Footprint 2018/19](#)

Measuring impact

- The [Annual Status Report 2020](#) provides an overview of the Borough's air quality during 2019. It fulfils the requirements of Local Air Quality Management (LAQM) as set out in Part IV of the Environment Act (1995) and is submitted to DEFRA each year in June. It records current and past years air quality and progress on any actions taken to improve air quality.
- [Department for Transport](#) statistics – shows how many ultra low emission vehicles are registered in the Borough (76 out of 30,100 vehicles)
- Public Health England - [Fingertips health profiles](#) shows information on fuel poverty, COPD admissions, obesity levels, those killed and seriously injured on roads

Health profiles: Fuel poverty data

Compared with benchmark: Better Similar Worse Not compared

Quintiles: Best Worst Not applicable

Recent trends: — Could not be calculated → No significant change ↑ Increasing / Getting worse ↑ Increasing / Getting better ↓ Decreasing / Getting worse ↓ Decreasing / Getting better

Display Values Trends Values & Trends

Indicator	Period		England	Cumbria	Allerdale	Barrow-in-Furness	Carlisle	Copeland	Eden	South
Fuel poverty	2017	◀ ▶	10.9	12.2	11.9	15.1	12.1	11.7	11.9	10.9
Fuel poverty	2016	◀ ▶	11.1	12.2	12.3	15.3	12.3	12.1	11.2	10.5

Barrow Headline Statistics for Sport & Physical Activity 2020 - Adults

1 in 6

adults in the UK die a year as a result of being inactive



(Sport England, 2016)

Health cost of inactivity to Barrow is **£1,300,000** every year

(Sport England Local Sport Profiles)

24.2% of people (16+) in Barrow are **inactive** = **13,400** people



compared to **24.6%** in England
(Active Lives Survey 7, 2020)

63.9% of people (16+) in Barrow are **active** = **35,400** people are happier, healthier and stronger



compared to **63.3%** in England
(Active Lives Survey 7, 2020)

45 deaths could be prevented each year if 75.0% of the adult population aged 40-75 in Barrow met Chief Medical Officer Guidelines

(Sport England Local Sport Profiles)

67.4% of adults 18+ are **overweight or obese** in Barrow



compared to **62.0%** in England
(PHE Public Health Profiles 2017/18)

1 in 4 will experience a mental health problem this year



(Mental Health Foundation, 2017)

85.1% of adults in Barrow **do not** cycle at least once per month



compared to **83.9%** in England
(DoT Walking and Cycling Statistics 2017-18)

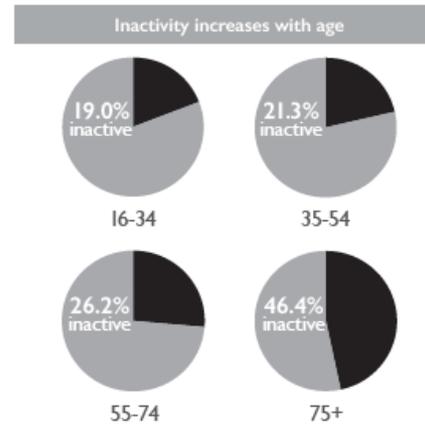
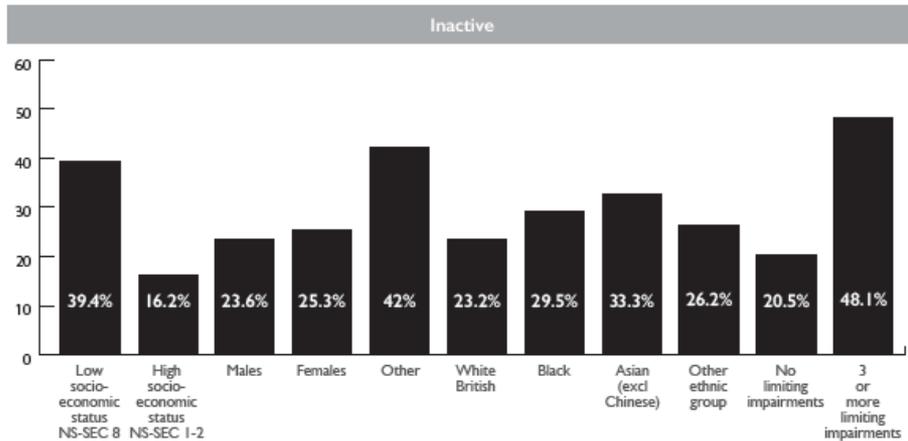
People who **volunteered** to support sport & physical activity **at least twice** in the past year



Barrow 18.7%

compared to **13.4%** in England
(Active Lives Survey 7, 2020)

Inequalities in participation



24.4% of adults in Barrow **do not** walk for 10 minutes at least once a month

compared to **21.8%** in England
(DoT Walking and Cycling Statistics 2017-18)

Be part of it!



Climate Change Action Plan

Updated action plan is available here: [Climate Change Action Plan](#). This will be updated quarterly.

There are some gaps, some delays, some without a lead officer attached. Please contact Alison Coward if you have anything to add to this plan, this is how we can all promote the work we are doing and increase awareness of the challenges we are facing and opportunities available.

Low Carbon Cumbria Partnership

The aim of the partnership is to reduce emissions by 11.5 million tonnes of CO₂e by 2037 to become carbon neutral.

Annual reductions of 5% from food, 13% from energy and 5% from purchased goods

[National Lottery bid \(Click here for project proposal\)](#) for £2.65m which covers:

- Citizens assemblies / juries in each district
- Cumbria sustainability network (training, events, support for the 35+ sustainability groups involved)
- Barrow Community action (repair cafes, arts events and climate conversations)
- Youth climate action programme (climate councils, training for teachers, carbon literacy)
- Partnership events and training programme
- Community carbon literacy programme
- Low carbon food programme (develop a low carbon food charter for Cumbria, helping businesses connect and share best practice)
- Grow Local Eat Local (farmer cooperative to work in partnership with local retailers)
- Community Energy support (test out 2 new community-owned models of generating, storing and sharing energy)
- Broadening engagement and overcoming disadvantage support (funding travel costs, creches, translators)
- Mapping of repair cafes and peer support for new cafes
- Cumbria carbon monitoring

Low Carbon Barrow Bid

- Iain Taylor / Chris Jones

Low Carbon Barrow is a £2m programme of investment across Barrow in Furness aimed at reducing carbon emissions. The investments include:

- energy efficiency projects in public housing, public buildings, community and business premises;
- electric vehicle charging infrastructure in key locations;
- a small grants programme aimed at high profile community buildings, business and private properties;
- a strategic 'Zero Carbon Piel' programme at Piel Island;
- a mobile demonstration and community engagement project called 'Bug Out' and;
- a series of public and stakeholder engagement workshops.

[Project overview](#)

Linked work to be added to action plan

Growing forward - Recently shared by Sam Plum

- The Health and Wellbeing Partnership is being reset, this will have an action plan to identify ways health inequalities can be tackled, including increasing active travel. (link to Objective 3, reducing emissions from transport)
- Setting up a process such as the Poverty Truth Commission to look at financial inequalities with particular reference to existing vulnerable residents and the potential for a large cohort of newly vulnerable residents. (link to Objective 6: increasing public awareness around climate change)

Future High St and Towns Deal Bids - Helen Houston is running sessions on these

- Improved pedestrian access, improvement to bus route , cycle hub (link to Objective 3)
- Garden / play space (can link to Objective 5, increasing carbon capture to offset emissions, if planting / biodiversity is to be increased)

Electric Bus Bid – CCC leading on this

- Bid for Barrow to become an electric bus town (link to Objective 3)

Barrow Local Cycling & Walking Infrastructure Plan (LCWIP) - led by CCC,

- aim of providing a coherent list of cycling and walking investment priorities, supported by a robust evidence base.

Resources available

- Ways to ensure nothing is missed is to look at what help is out there nationally.
- Friends of the Earth have this guide for local authorities: [33 actions local authorities can take on climate change](#)
- Town and Country Planning Association (TCPA) and the Royal Town Planning Institute (RTPI) prepared a guide to empower local authority planners to act on climate change by making the best use of policy and legislation: [Planning for Climate Change](#)
- The Green alliance have this guide about low carbon land use: [Cutting climate impact of land use](#)
- The House of Commons briefing paper on electric vehicles gives an overview of electric vehicle use and infrastructure in the UK: [Electric vehicles and infrastructure](#)
- Ashdens guidance on climate change co-benefits helps to put into context how improvements we take for climate change, benefit people in other ways: [Climate Action Co-Benefits Toolkit](#)

Anything else?

- Have we missed anything to add to the action plan?
- Updates on ongoing work or suggestions can be sent to Alison Coward (acoward@barrowbc.gov.uk)
- Slides will be shared with the group
- Next meeting in October