
Zero40 and Zero45

Barnsley's Climate Emergency



BARNLSLEY
Metropolitan Borough Council

Barnsley's Climate Change Declaration

Zero 40 all strategic decisions, budgets and approaches to the delivery of its services and place making are in line with a shift for the Council to be zero carbon in its operations by 2040.

Zero45. Exercise its role of community leadership by supporting and working with all other relevant agencies and bodies towards making the Borough zero carbon through all relevant strategies, plans and shared resources by 2045.



Why?

Intergovernmental Panel on Climate Change (IPCC) reported in October 2018 and it concluded that to avoid the worst impacts of climate change global warming should be limited 1.5°C

Barnsley's climate budget

10.7 carbon million tonnes

Business as usual scenario we have 7 years worth of emissions



Delivery Themes

- UN Sustainability Goals
 - No area left behind
 - Low Carbon Communities who are able to participate in a low carbon economy.
 - Not just a cleaner and greener borough
- 5 Themes
 - Energy Efficiency
 - Resource Efficiency
 - Sustainable Transport
 - Renewables
 - Decentralised Heating



Zero40

- Council's Scope 1 and 2 emissions
 - 12,000 carbon tonnes
 - Working toward 2035 with stretch targets to give us an opportunity to bring it further forward.
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- Council's scope 3 emissions
 - 18,000 carbon tonnes
 - Contracted out services-schools, Barnsley Homes and Barnsley Premier Leisure
 - Harder to deliver



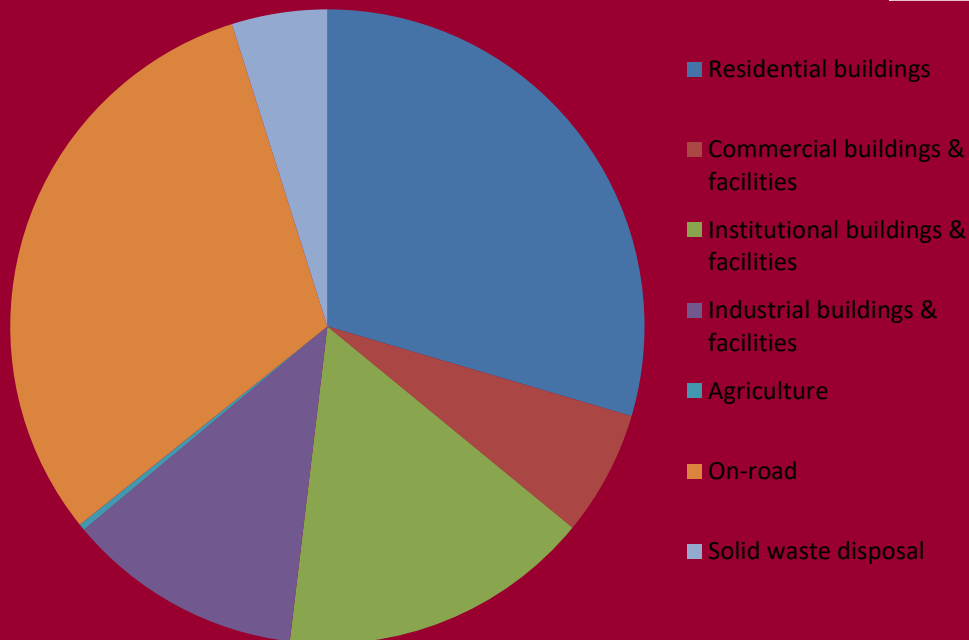
Zero40 Actions

- Retrofit of domestic homes-Better Homes Barnsley
- Fair pricing of energy for all-via Great North Energy
- Building low carbon homes for rent
- Building out of EV charging infrastructure
- Purchasing of EV vehicles for our fleet
- Phasing out coal in our buildings
- Developing more heat networks
- Delivering more solar projects
- Understanding hydrogen opportunities
- Tree planting programme
- Sustainable Procurement and Governance



Zero45 : The Borough's emissions

Sector	2019 Emissions	2050 Projected Emissions
Industry	18%	15%
Commercial	25%	20%
Domestic	29%	39%
Transport	28%	26%



1,400,000 tonnes of carbon were emitted during 2018 within the Borough



Zero45

An ambition for the borough to be zero carbon by 2045

4 x 5 year Sustainable Energy Action Plans (SEAPS)
which will identify and implement carbon reduction
measures

Recognition that the majority of the reduction needs to
occur by 2030.

It will be a difficult challenge



Reduction Pathway

SEAP period	2017 baseline	65% reduction to 2030		To zero carbon		
		2020-25	2025-30	2030-35	2035-40	2040-45
Emissions tonnes	1,457,000	859,000	506,000	288,000	105,000	0

To deliver the themes we will focus on the following areas:

- energy efficiency,
- decentralised heating,
- renewables,
- resource efficiency and
- sustainable transport.



SEAPS will comprise 5 themes

- **Energy efficiency:**
 - developing energy improvements for non and domestic buildings. Use the planning process and existing programmes
- **Resource Efficiency:**
 - Reduce, reuse and recycle-increase what can be recycled and SME support
- **Sustainable Transport:**
 - Low emission vehicles, charging points , active travel
- **Renewables:**
 - aims to increase the use of renewables energy in both the domestic and non-domestic. Energise Barnsley and Rural Community Energy Fund
- **Decentralised Heating:**
 - increase the use of decentralised heating buildings-use our natural resources



Low Carbon Communities



Not just for developing nations

Eradicate poverty
Education and Training
Clean growth
No area left behind

How can we ensure that our communities benefit?

Current Thinking

- Increase the % of energy spend retained in the Borough
- Local Energy Plans-
 - Holmfirth Town Council Climate Plan
- Work with our partners organisations
- Support the knowledge and capacity of local communities to develop schemes.
- Mapping the opportunities via a Community Sustainable Energy Plan
- Green growth for a green economy
- Share knowledge and information



No one ever said it was going to be easy... But I am optimistic

- In 2019 global growth in emission were unchanged, while the world economy grew at 2.9%
- “If you think you are too small to have an impact, try going to bed with a mosquito in the room”
- Despite what people may say-what happens in your homes, streets, communities, schools in Barnsley does have a wider impact.



#Do1thing

- Drive Less
- brush with bamboo
- Power shower
- Green energy
- Off means off
- Stay put
- Insulate
- Make your money green
- Milk it
- Stop buying disposable
- Sharing is caring
- Wash at lower temps

Don't be clingily
Use it twice
Standby
Recycle
Cycle
Grow your own
Buy local
Commute less
Bring your own bags
Shop vintage
opt out of fast fashion
Palm off palm oil
Natural cleansing
products
Say thank you e-mails
have a carbon footprint

Use the bus
Walk
Sharing is caring
Turn of the tap
Turn of the lights
Go veggie
Go vegan
Teabags
Speak to someone
who can make
decisions MP
S, Cllr,
Headmaster,
Mayor. PM
The last straw



Thank you

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