

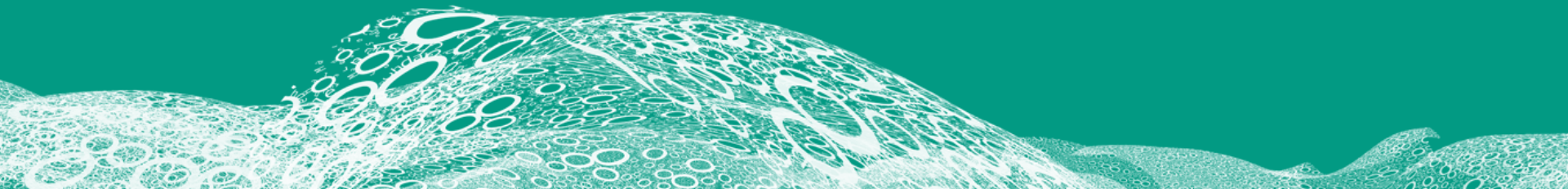


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The challenge of climate change in Rochdale: How public procurement can support our ambitions?

STAR Meet the buyer 2022 - 24 November 2022

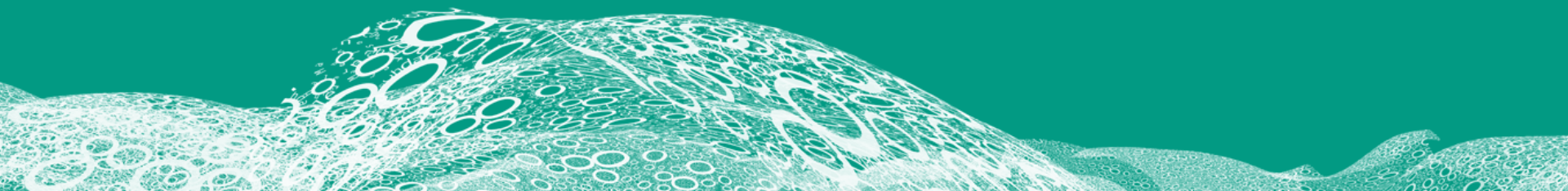
Mark Bramah, Climate Change and Sustainability Project Manager





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1. The borough Climate Change Strategy



Climate Change Strategy and Action Plan



Protecting the planet for our people and places

Rochdale's Climate Change Strategy and Delivery Plan
- a partnership approach
2021-2025



Greater Manchester climate change policy and targets

The Greater Manchester Combined Authority (GMCA) has developed the Greater Manchester Environment Plan which sets out a vision for a clean, carbon neutral, climate resilient city region with a thriving natural environment and circular, zero-waste economy.

The plan outlines five key areas where we can take action to reduce emissions over the next five years including:

1. Energy

Reducing the use of fossil fuels and using more renewable energy sources.

2. Travel

Reducing the amount of polluting types of transport on our roads and using more public transport and active modes of travel such as walking and cycling.

3. Buildings

Reducing the energy demand of buildings and infrastructure by making them more energy efficient.

4. Consumption and production

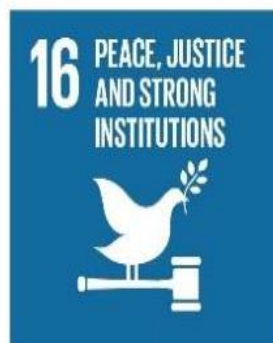
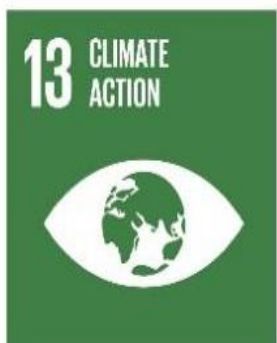
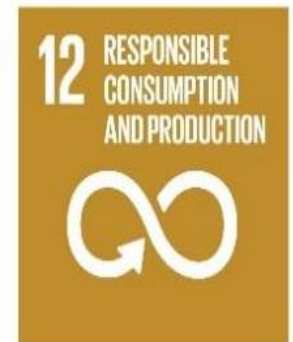
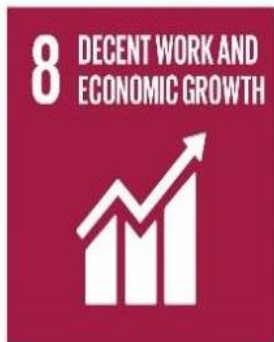
Using sustainable materials and processes when producing goods and services and being more responsible when we buy and dispose of stuff including reusing and recycling.

5. Natural environment

Managing our air, land, water, plants and animals to protect the Earth's natural resources and to enhance our ecosystems.



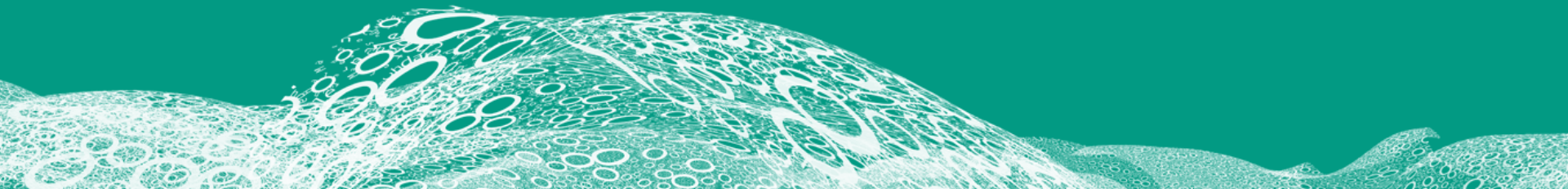
U.N Sustainable Development Goals (SDG's)





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2. The role of Procurement in responding to the Climate Emergency



Council responsibilities

Council responsibilities

The council is responsible for producing less than 5% of the borough's carbon emissions and will do all it can to reduce its contribution. It will also take a lead role in driving climate action and sustainability in the areas where it has a high level of control and influence.

- **Public buildings:** Implementing energy efficient measures to decarbonise council buildings.
- **Transport:** Replacing the council's fleet of vehicles with greener alternatives and introducing green staff travel schemes.
- **Procurement:** Buying council goods and services from ethically responsible suppliers.
- **Education:** Introducing climate change and sustainability learning into the curriculum.
- **Highways:** Introducing interventions to reduce road traffic and increase active travel.
- **Public Protection:** Introducing interventions and taking enforcement action in support of a cleaner and greener borough.
- **Planning:** Introducing green standards for land use and new buildings.
- **Land and assets:** Using council land for climate change projects such as renewable energy or biodiversity.
- **Waste and recycling:** Managing waste disposal, collection and recycling.
- **Environment:** Maintaining and improving streets, open and green spaces.
- **Work and skills:** Supporting skills development and employment opportunities to build a green economy.
- **Business:** Supporting the start-up and growth of clean and green tech businesses in the borough.
- **Events:** Ensuring council run and local events are climate friendly.
- **Public health:** Protecting and promoting the health of all people in all of our communities.



Procurement: Buying council goods and services from ethically responsible suppliers.



Climate Change Action Plan



Ref	Outcomes	Actions	Planned work or projects already in scope	Project / work timescales	Lead	Climate Change Strategy Goal	Sustainable Development Goal
CC55	Environmental sustainability criteria embedded in policies, plans, processes e.g. procurement, planning etc.	<p>Climate impact assessment embedded into procurement processes for decisions on large scale contracts including across the council and anchor institutions</p> <p>Climate impact assessment included in Cabinet reports</p> <p>Climate emergency to be integrated with HR processes and people policies</p> <p>Review, update or develop council strategies and plans to reflect the climate change agenda including biodiversity, air quality, transport, local industrial, asset management and investment</p>			<p>Climate Change & Sustainability Project Manager</p> <p>Head of Workforce and Organisational Development</p> <p>Relevant Council Departments</p>	Mobilise change through effective participation and governance	Peace, justice and strong institutions

Energy Management Policy



Energy Management Policy

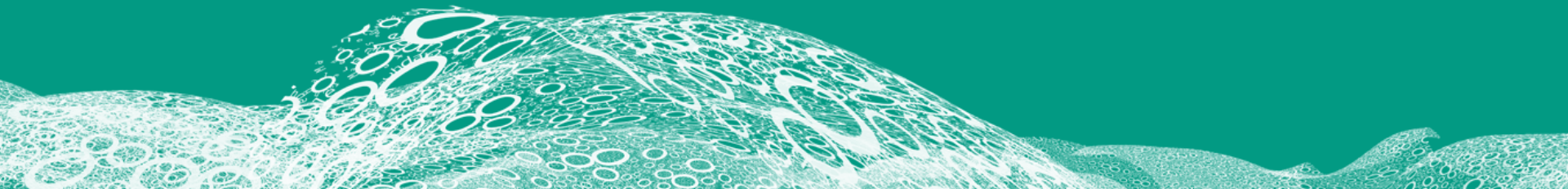
Energy procurement, efficiency, VFM, renewables, benchmarking and monitoring in relation to electricity, gas and water for Council buildings

- Objective 1 - baseline, benchmark, monitor and report on our energy performance on a quarterly basis and our carbon reporting annually;
- Objective 2 - when procuring contracts for our electricity and gas supply in the future, endeavour to procure renewable energy tariffs where this can demonstrate value for money;
- Objective 3 - work with Star Procurement to ensure that our energy contracts are sourced as far as practicable from ethical sources and secure value for money for the Council whilst meeting our Climate Change commitments;
- Objective 4 - increase local renewable electricity generation, de-carbonising how we heat our buildings and increasing the diversity and flexibility of our supply;
- Objective 5 - ensure that our buildings are energy efficient in accordance with the targets set out in the Greater Manchester Environment Plan;
- Objective 6 - demonstrate our commitment to community leadership on Climate Change by reducing our carbon output associated with energy use; and
- Objective 7 - put in place appropriate resources to support an effective energy management and procurement function through invest to save initiatives



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3. Case Studies of Low Carbon Projects



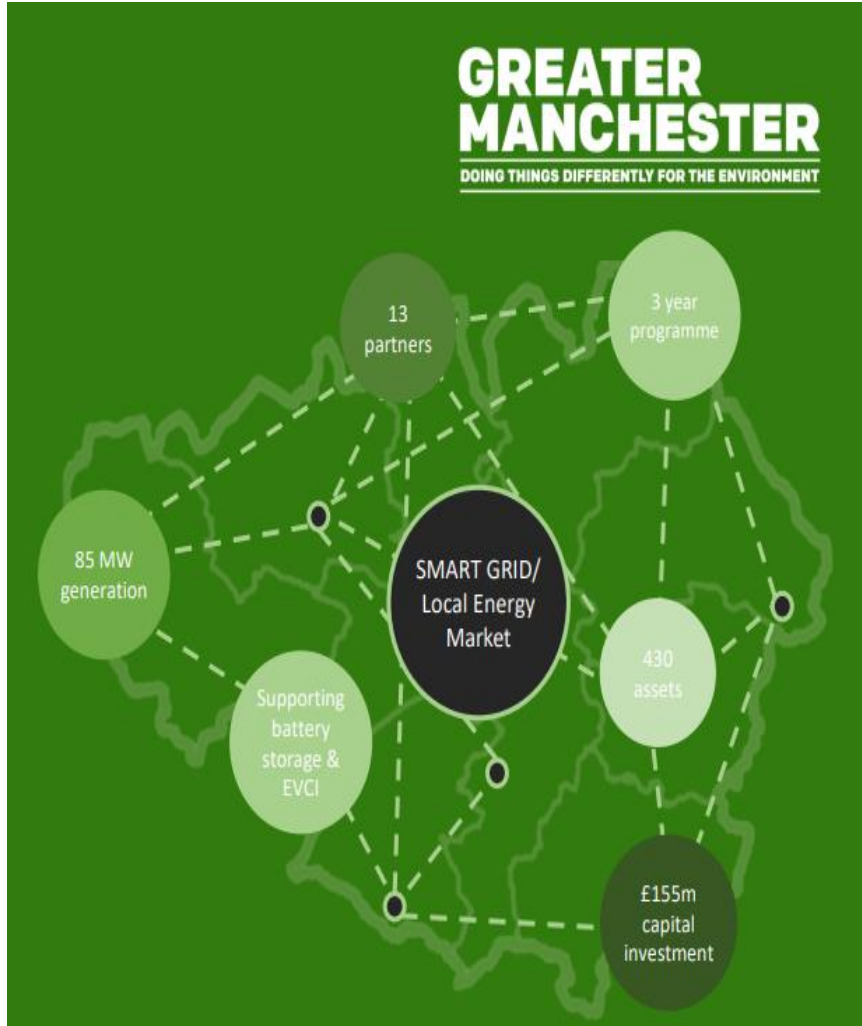
Case study 1 – Public Sector Decarbonisation Scheme



£11.6m programme of decarbonisation projects including insulation, LED lighting, Solar PV and battery storage, Air Sourced Heat Pumps, BMS – Procured via STaR through existing frameworks



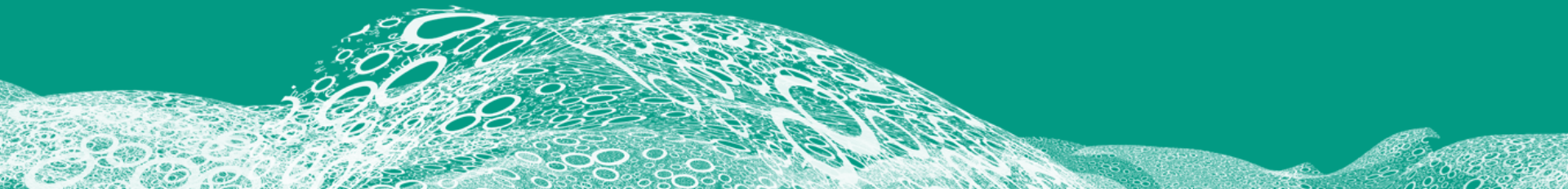
Case Study 2 – Go Neutral Smart Energy Framework





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4. Scope 3 emissions and Procurement



Rochdale Council Carbon Emissions – Scope 1, 2 & 3

Scope	Emissions Type	Emissions (tCO ₂ e)	Percentage of Total Emissions
Scope 1	Heating	6,021.08	38.9
	Fugitive Emissions	0.00	0.0%
	Authority's Fleet	763.81	4.9%
Scope 2	Electricity	4,356.15	28.2%
Scope 3	Staff Business Travel	126.42	0.8%
	Working From Home	0.00	0.0%
	T & D Losses	385.50	2.5%
	Water	21.91	0.1%
	Material Use	0.00	0.0%
	Waste generated from own operations	0.87	0.0%
	Outsourced Scope 3 – Your Trust	3,743.00	24.3%
Total Emissions		15,418.74	100%

Estimated Total Carbon Footprint

Total Carbon Footprint	2020	2019	
Non Staff costs	418,123	380,952	£ 000's
Carbon Intensity	0.39	0.39	Kg/£
Tonnes Co2	163,068	148,571	Tonnes Co2

Estimated Scope 1,2 and 3

Co2 Breakdown	2020	2019	
Scope 1 & 2	12,021	10,952	Tonnes Co2
% of total	7%	7%	%
Scope 3	151,047	137,619	Tonnes Co2
% of total	93%	93%	%

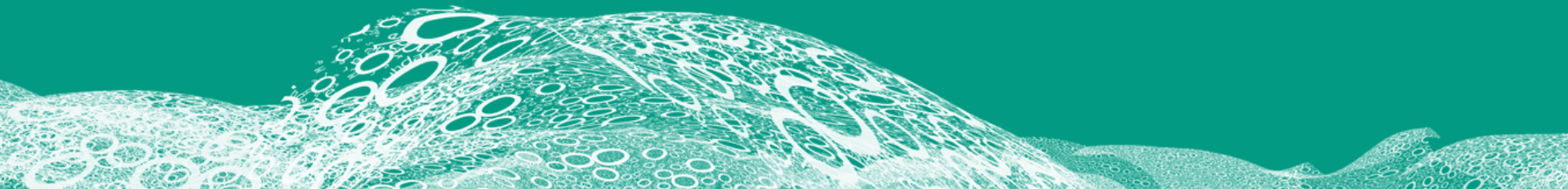
Scope 3 emissions – the procurement challenge ?

- Only 7% of the Council's carbon emissions are Scope 1 (direct emissions mainly heating & Fleet) and Scope 2 (electricity – buildings and street lighting)
- Around 93% of the Council's carbon emissions are classed as Scope 3 of which a large element will be bought in goods and services.
- Scope 3 emissions estimated at around 140,000 – 150,000 tonnes of CO₂
- A 1% Scope 3 savings gives £3.8 - £4.2m cash and 1,400 to 1,500 tonnes CO₂.
- A 5% carbon reduction gives cash savings of £19 - £21m.



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5. The role of social value in meeting our climate change objectives



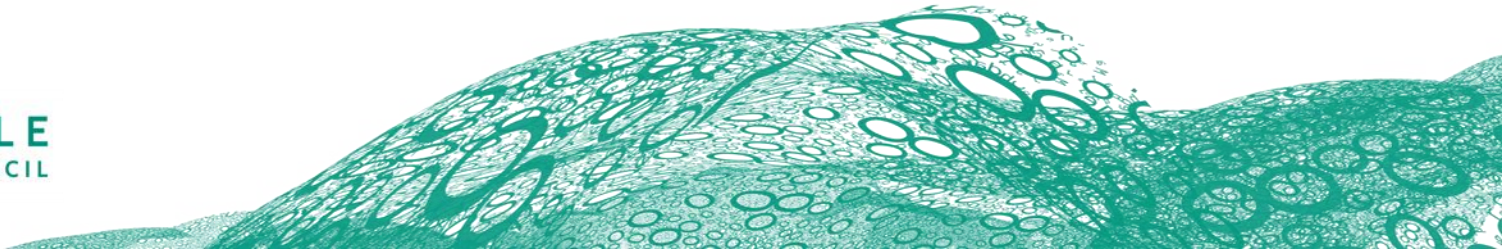
What we want to do with Social Value

Develop a Corporate Commissioning Framework - to set out the council's vision and direction for commissioning, make our values and principles clear to suppliers, and create more consistency across council departments. Intention to base it on:

- Buying local where possible
- Where we can't buy local; maximising social value
- A corporate commissioning strategy would embed agendas across the authority, such as prevention, Good Help, and addressing inequalities

Develop a Corporate Social Value Framework – to set out what we want from suppliers working in Rochdale, the outcomes we need, and ensure maximum benefit from spend is secured for our communities. Include:

- Choosing a clear set of SV priorities for Rochdale
- Guidance for officers (create understanding and consistency)
- Identifying social value needs/asks for groups, neighbourhoods, communities



Social value

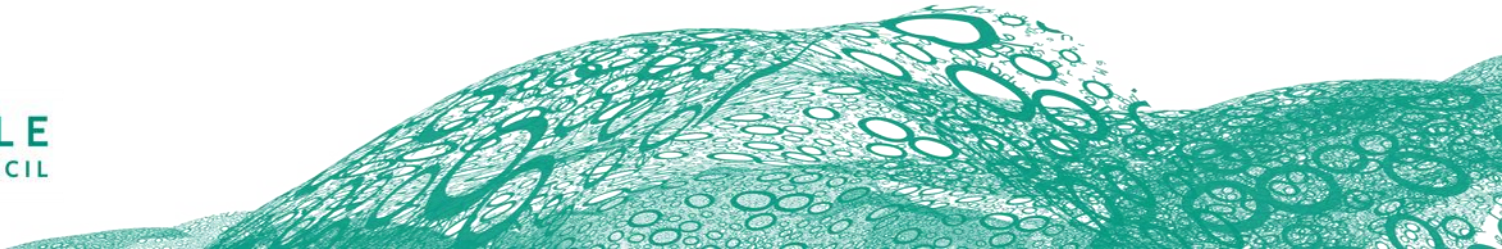
There are untapped opportunities for maximising social value.

Develop Social Value Priorities: We have the SV Portal / TOMs – so we've got a platform and KPIs to monitor it. But having these alone won't improve the nature of the social value that is delivered by suppliers – we need to do more to shape the social value we get.

Brokerage: We are interested in replicating approaches by Manchester and Stockport Councils – they have identified social value needs/ asks (Manchester call theirs a 'Brokerage System' and Stockport call it a 'Wish List').

Benefits: SV framework will be used by officers to guide what social value they ask for in service specifications (no more 'best professional guesses'). This means community groups, organisations and residents will see a direct benefit;

i.e. creating more green jobs, more local suppliers, stronger local supply chains which reduce carbon emitted during transport of goods and services etc.





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