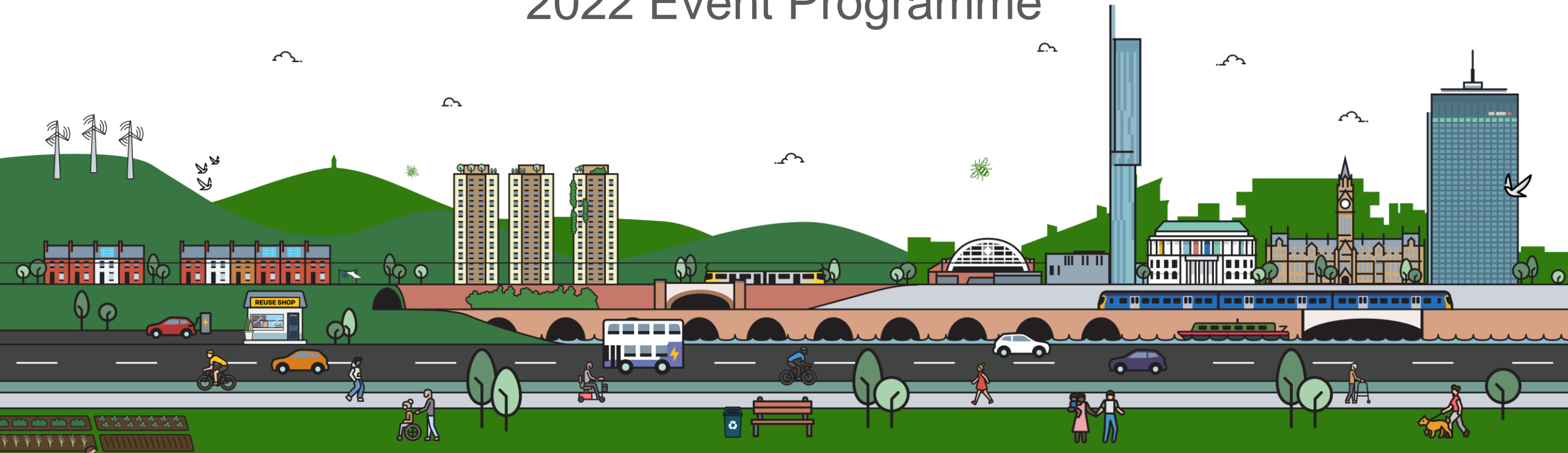


## TAKING CLIMATE ACTION TODAY, TOMORROW, TOGETHER.

### 2022 Event Programme



# GM Green Summit 2022

Welcome from Andy Burnham,  
Mayor of Greater Manchester

**Help us accelerate action on our five-year environment plan to make Greater Manchester a greener, fairer place.**

The Green Summit has grown and developed year-on-year and this leadership and collective responsibility is a big reason why Manchester is quickly becoming the UK's leading green city.

This year, people are worried about how they will afford to heat and power their homes or pay for basics such as food or travel. Our focus at this year's summit must on be delivering the right solutions - such as retrofitting homes so they are more energy efficient and making public transport more affordable – which not only make Greater Manchester a greener place but will make life fairer and more affordable for our people too.



**Taking climate action today, tomorrow, together.**

# GM Green Summit 2022

## Agenda



### Morning through to lunch

9:00am Doors open for registration

9:45am – 10:40am Welcome from the Mayor and setting the scene

**Location: Lyric Auditorium**

Andy Burnham will be joined by speakers including Hamra Hanfi-Ali from Oldham Youth Council; Cllr Martyn Cox, GMCA lead for the Green City Region, Waste & Recycling; Carly McLachlan from the Tyndall Centre; Fatima Ibrahim from Green New Deal UK and more, exploring where we are now and what the data is telling us.

10.40am – 13.20pm Thematic sessions

**Location: Lyric Auditorium**

Hear the latest progress against the five main themes of Greater Manchester's Five Year Environment Plan, including where we are now, where we need to be, the barriers to accelerating change and the emerging solutions that can help us reach our goals.

1. 10.40am – 11:05am Natural Environment

**11.05am – 11.30am Comfort break**

2. 11:30am – 11:55am Transport

3. 11:55am – 12:30pm Low Carbon

4. 12:30pm – 12:55pm Circular Economy & Waste

5. 12:55pm – 1:20pm Sustainable Lifestyles

**1.20pm – 2.00pm Lunch served in exhibition zones (locations on page 6)**

### Afternoon through to event close

1.20pm to close Interactive exhibition zones open: accelerating change

**Location: Various around venue – see page 6-11 for full listings**

Showcasing solutions from exhibitors & offering the opportunity to provide your feedback and ideas for how Greater Manchester can accelerate action on its Environment Plan.

1.20pm – 2:55pm Workshops

**Location: Various around venue – see page 5 for full listings**

2.00pm – 2.30pm In Conversation: Dale Vince, Founder of Ecotricity

**Location: Lyric Auditorium**

3.00pm – 3.45pm In Conversation: Inspiration for the future

**Location: Lyric Auditorium**

Amid the cost-of-living crisis, how can we deliver solutions which not only make Greater Manchester a greener place but a fairer and more affordable one too?

Featuring speakers from our headline sponsors:

- Neil Kirkby, Managing Director, SSE Enterprise
- Professor Liz Price, Deputy Pro-Vice-Chancellor Sustainability, MMU
- Jessica Bowles, Director of Strategic Partnerships and Impact, Bruntwood
- Eric Adams, Projects Director, Carlton Power
- Jo Harrison, Environmental Planning & Innovation Director, United Utilities

3.45pm – 4.15pm In Conversation: How can we engage and motivate young people and communities on the environment through social media?

**Location: Lyric Auditorium**

Andy Burnham, Mayor of Greater Manchester in conversation with Jason Williams, The Cloud Gardener.

4.15pm – 4.30pm Closing remarks

**Location: Lyric Auditorium**

Andy Burnham, Mayor of Greater Manchester

4.30pm – 6:00pm Networking and drinks reception

**Location: Pier 8 Bar and Restaurant**

Hosted by Bruntwood

## Taking climate action today, tomorrow, together.

# GM Green Summit 2022

Workshops and interactive exhibition zones

# GM Green Summit 2022

## Workshops

Running alongside our interactive exhibition zones, get involved in a range of different workshops.

**Please note:** you need to register for these in addition to having a Green Summit ticket – click the links below.

1.50pm – 2.20pm **The energy crisis: How can we make energy more sustainable, more secure, and fairer for all** **Location: Pier 8 Rooms**

The cost of energy in the UK is driving more people into fuel poverty, worsening a cost-of-living crisis, and making operating conditions for business extremely challenging. This session will explore these challenges and potential solutions to make energy more sustainable, more secure and fairer for all. [Register](#).

1.50pm – 2.50pm **What haven't we tried yet? Net Zero Business. Green Economy. Eco-Innovation** **Location: Compass Room**

At this session we'll be delivering an hour of quick-fire inspiration from leading businesses on what future innovations could be game-changers for them in accelerating progress to net zero. From new energy sources, to retrofit, transport and logistics, data and monitoring, circular economy and the odd bit of mad science, each speaker will have four minutes to showcase their future revolution, and we'll get even more ideas from the audience too. Brought to you by the Bee Net Zero partnership, with particular support from Pro-Manchester and the Growth Hub. [Register](#).

2.00pm – 2.25pm **Educating today to change tomorrow – a green skills perspective** **Location: Hexagon Room**

Presenting an overview of the Green Economy skills landscape in Greater Manchester. This session will cover the rise of skills needs in Low Carbon Buildings, Transport, Energy, Resource Management, and Natural Environment, alongside introducing the Green Skills Academy in Trafford Park, part of a pan-northern effort to lead the UK's transition to Net Zero. [Register](#).

2.25pm – 2.50pm **In Conversation with MIDAS - The Deals, The Do's and The Don'ts of Green Finance** **Location: Pier 8 Rooms**

Following the session with the Energy Innovation Agency looking at the 'Why' in terms of the innovators who are helping to solve the net-zero issue, MIDAS will host a fireside chat exploring the 'How' in terms of how green projects are funded. [Register](#).

2.25pm – 2.55pm **Inclusive collaboration opportunities for businesses and other organisations** **Location: Hexagon Room**

In keeping with the Summit's theme of "Accelerating Action", this session will showcase business networks that facilitate green collaboration across all sectors, industries, and boroughs within Greater Manchester. Collaboration is key for a successful green transition and these networks are where you can meet likeminded people to work with. Speakers will explain how you can participate in each network and, more importantly, the benefits that participation will bring to yourself and your organisation. [Register](#).



**Taking climate action today, tomorrow, together.**

# GM Green Summit 2022

## Interactive exhibition zones

Five interactive exhibition zones will showcase solutions, stimulate debate and capture new ideas as to how Greater Manchester can accelerate change. Open from 1:20pm until the close of the Green Summit.

Natural Environment, Adaptation and Resilience exhibition zone	Sponsored by The Environment Agency & Natural Course	Location: To the right of the main entrance	Exhibitor listings on page 7
Low Carbon – Buildings, Energy and Transport exhibition zone	Sponsored by Cadent, Electricity North West and Northstone	Location: Pier Eight Bar and Restaurant	Exhibitor listings on page 8
Transport and Low Carbon exhibition zone (outside venue)	Sponsored by Cadent, Electricity North West and Northstone	Location: Lowry Plaza (outside main entrance)	Exhibitor listings on page 9
Sustainable Lifestyles, Circular Economy and Zero Waste exhibition zone	Sponsored by Suez & the Sustainable Materials Innovation Hub	Location: Quays Bar	Exhibitor listings on page 10
Business, Skills and Innovation exhibition zone		Location: Circle Bar (up stairs from the Lyric Theatre)	Exhibitor listings on page 11

**Taking climate action today, tomorrow, together.**



# GM Green Summit 2022

## Exhibitors – Natural Environment, Adaptation and Resilience

Exhibitor name	What to expect from the exhibit
Environment Agency	The Environment Agency has been working with a range of partners and organisations within Greater Manchester to tackle the climate and ecological emergency. This includes working to make communities more resilient, tackle waste crime and pollution incidents and working with developers and others to clean up sites and bring them back into beneficial use. This stall will showcase how the EA's local teams are working to protect and enhance the environment, support green growth and contribute to a nature positive, low carbon and resilient future for GM.
Natural Course	Engaging with visitors about some of our recent projects that are being delivered in Greater Manchester to protect and improve the water environment.
City of Trees	The benefits of trees and woodlands will be showcased as well as the opportunity for people to sign up to the movement, for future planting and woodland management events. There will also be the chance to discuss land for tree planting as well as any other partnership opportunities that bring about a greener Greater Manchester.
Mersey Rivers Trust	Showcase of projects from the Trust.
Groundwork Greater Manchester	Case studies on Nature Based Solutions, tips to green your business or premises and information on Green Skills.
The Wildlife Trust for Lancashire, Greater Manchester and North Merseyside	Showcasing initiatives from our urban nature team within areas of GM to support nature recovery and connect / empower communities.
Greater Manchester Environment Fund	Speaking with the public about funding opportunities accessed through the GMEF, namely the Green Spaces Fund, projects currently funded and potential ideas for new green projects in Greater Manchester.
Natural England	An exhibit based around National Nature Reserves. The stand will introduce them as a national series, information on their scope and remit and details of new reserve just declared in Greater Manchester.
Northern Roots	Creating the UK's largest urban farm and Eco Park a stone's throw from Oldham Town Centre.
Greater Manchester Wetlands	Engaging about the importance of Greater Manchester's wetlands – how conserving, connecting and restoring these precious landscapes benefits people, nature and our climate.
National Trust	Showcasing the Castlefield Viaduct project, which is an example of creating new urban green space re-using a historic railway viaduct in the centre of Manchester.
CPRE – The Countryside Charity (Lancashire, Liverpool City Region and Greater Manchester Group)	Working for almost a century to support and promote the countryside, and we'll be doing this for generations to come. That's why we call ourselves 'the countryside charity'.

# GM Green Summit 2022

## Exhibitors – Low Carbon – Buildings, Energy and Transport

Exhibitor name	What to expect from the exhibit
SSE Energy Solutions	Showcasing SSE's Electric Vehicle Hub model.
Bruntwood	Networking space and exhibition stand focused on accelerating the pace of change in sustainability within the region, engaging on net zero ambitions and sustainability challenges to share ideas.
United Utilities	We are engaging with the public to understand their priorities for the North West in terms of management of the water environment.
Manchester Metropolitan University	Manchester Metropolitan University is the UK's number one sustainable University (2021 ranking by People & Planet). Ask us about ways to reach net zero including education, research & partnerships, Carbon Literacy, the Manchester Fuel Cell Innovation Centre & circular economy.
Carlton Power	We aim to deliver Green Hydrogen to Greater Manchester, helping to make our city-region cleaner, carbon neutral and climate resilient.
Electricity North West	As the region's network operator, ENWL is playing a key role in the energy revolution. It's their job to make sure the network is fit for the future, to meet the changing needs of customers across the North West and to lead the way on our journey to net zero.
Northstone	Northstone is new housebuilder that has won awards for its sustainable homes in Greater Manchester. Our stand will explain how we build homes sustainably, including how we reduce embodied carbon and add biodiversity to the new communities we create.
Energy Innovation Agency	The exhibit will provide a high-level introduction to the Agency's mission and goals.
Daiken UK	Low carbon heating solutions.
Panasonic Heating, Ventilation & Air Conditioning	To raise awareness of air source heat pumps and other green initiatives.
Cara EPS Ltd	Cara EPS Ltd are a Salford based business who offer retrofit services to make homes more energy efficient and reduce fuel bills.
NIBE Energy Systems Ltd	Showcasing projects and offering an overview of NIBE's product solutions
The Social Housing Retrofit Accelerator	Promoting the BEIS funded Social Housing Retrofit Accelerator.
Carbon Coop and People Powered Retrofit	A not-for-profit service for householders in Greater Manchester, offering clear, independent advice and support to help you plan, procure and deliver your retrofit project to a high standard.
Greater Manchester Community Renewables	Information about our community energy project and energy saving advice.
Your Home, Better	Your Home Better can help you achieve a more energy efficient home.
Get On Board	Simple and clear low bus fares are now available in Greater Manchester, making it easier for people to get around the city-region – find out more.



# GM Green Summit 2022

## Exhibitors – Transport and Low Carbon (outside venue)

Exhibitor name	What to expect from the exhibit
Enterprise	Demoing electric vehicles and promoting Enterprise's car club offer.
Lime	Demoing Manchester's on-street e-scooter hire trials.
Environment Agency	Demoing temporary flood defence measures.
Manchester Bikes	Showcasing cargo bike library (Salford) and the Cargoroo bike hire scheme (Manchester).
Beryl	Showcasing on street bike hire.
Wrightbus	Hydrogen double deck bus demo.

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# GM Green Summit 2022

## Exhibitors – Sustainable Lifestyles, Circular Economy and Zero Waste

Exhibitor name	What to expect from the exhibit
Suez	Showcasing Suez's reuse project, the Renew Hubs and shops.
Recycle for Greater Manchester	Information about circular economy, including how to reduce food waste through the 'Buy Keep Eat Repeat' campaign and wider recycling information.
Sustainable Materials Innovation Hub (SMI Hub)	The Sustainable Materials Innovation Hub was created by the Henry Royce Institute for advanced materials in 2020 with funding from the European Regional Development Fund to support the growing need to combat plastics pollution increasingly associated with major world cities. The SMI Hub works with businesses in Greater Manchester to create sustainability solutions for plastics use and end of life.
Sustainable Futures (University of Manchester)	Delivering solutions to urgent environmental challenges.
Loving Earth Project	Showcasing the Lovingearth Trail in Manchester. Lovingearth was a textile exhibition of over 400 panels displayed at COP26, and was seen as a gentle way of encouraging people to engage with climate change and to consider solutions. We will have a couple of the textile panels on view and further information about the project.
Nature for Health and GM Moving	Information about the Nature for Health green social prescribing programme.
Community Computers	We are a community project that refurbishes and recycles unwanted technology and computer equipment. We are looking to help provide business with an ethical solution to their redundant IT by offering free collection and data destruction of their IT, then returning it to the local community for their benefit.
Ramblers (Greater Manchester & High Peak Area)	Showcasing the GM Ringway, the new walking trail for Greater Manchester. The GM Ringway will connect Greater Manchester's 2.8 million residents with the natural and cultural heritage on their doorstep. Green in every way, all 20 stages of the 300-km (186-mile) route are designed to be accessed by public transport.
The Royal Horticultural Society (RHS)	General information about the RHS, Community Outreach and Citizen Engagement through the IGNITION project on Nature Based Solutions.
South Pennines Park	Come and discover the South Pennines Park, where we look after nature and each other. Find out how we are working with our Members, partners and diverse communities to help our unique landscape thrive and become accessible to all.
Manchester Environment Education Network (MEEN)	Dedicated to supporting teachers, organisations and individuals working to promote environmental education and Education for Sustainability.
Rochdale Borough Council	Interactive stand showcasing local projects, Climate Change Wheel spinner, letters to the earth pin board, paper maché Gaia to reflect on its visit to Number One Riverside, Rochdale and videos showcasing local eco-school as part of Climate Conversations series.

# GM Green Summit 2022

## Exhibitors – Business, Skills and Innovation

Exhibitor name	What to expect from the exhibit
The Growth Company / Green Skills Academy	The Growth Company are an award-winning, accredited, social enterprise with a mission to enable growth, create jobs and improve lives. We are an award-winning provider of environmental services designed to accelerate the net zero ambition. We convert environmental pressures into competitive advantages, to help businesses to achieve millions of pounds of savings, whilst driving business growth and innovation for firms that deliver sustainability products and services.
Business Green Scene (GM Chamber)	Business Green Scene is a business network that connects likeminded people with a passion for environmental sustainability in Greater Manchester. Free to join for all business owners and/ or employees from any sector, industry and job role.
Salford City Council	Introducing the upcoming campaign 'Greener Salford'. Sharing information about the campaign and starting the first key element regarding communication and engagement.
Wigan Council	
Enerlytic	A software platform for businesses, local authorities & partners to monitor, analyse & reduce energy consumption, cost & carbon footprint.
Positive Planet	Positive Planet is a profit with purpose business. We work with businesses and organisations of all sizes and sectors to help them better understand their carbon emissions and how to reduce them. We practice what we preach and as a business we are accredited as Carbon Neutral and offset all our company's carbon emissions through supporting projects that help combat global climate change and care for local communities.
Circular Refining and Products Company	We are a circular and sustainable company looking for partners to process traditionally non-recyclable waste streams and manufacture new industrial gasses and materials.
Stockport Council	
Friends of the Earth	An environmental campaigning community dedicated to the wellbeing and protection of the natural world and everyone in it
University of Manchester – Concretene	The University of Manchester, working with industrial partners, are pioneering a suite of new advanced materials and advanced systems to help make construction more sustainable.
Groundwork	Green skills and jobs
Plant Based Treaty	The Plant Based Treaty aims to raise awareness of the role animal agriculture plays in the climate crisis and put plant-based solutions at the forefront of tackling the crisis.
Green Mole Limited	Showcasing innovations for cleaner, greener living.
Freeflush Water Management	Providing innovative green solutions including Rainwater Harvesting, Greywater Recycling and SuDS planters.

# GM Green Summit 2022

Event logistics

# GM Green Summit 2022

## Getting to the event

We are returning to the Lowry Theatre this year for the fifth annual GM Green Summit. One of the reasons we partner with the venue is due to its excellent proximity to active and sustainable travel options.

### Bikes

Plentiful bike storage is available on the side road to the right of the venue – you will need to bring your own bike lock. Please note: no bikes can be brought into the venue itself.

### Bee Network

The nearest tram stop is Media City UK, which is approximately five minutes walk from the venue. The stop is located in zone two of the blue to Ashton-under-Lyne to Eccles line ([see Metrolink map here](#))

[For further information about visiting the venue including accessibility and Covid guidelines, please refer to the Lowry website.](#)



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# GM Green Summit 2022

## Venue map

Registration desk

*To the left of the main entrance*

Main morning and afternoon sessions

*Lyric Theatre*

Morning youth event in partnership with MMU

*Compass Room*

Afternoon workshops

*Compass Room, Hexagon Room, Pier Eight Rooms, Circle Bar*

Natural Environment, Adaptation and Resilience exhibition zone

*To the right of the main entrance*

Business, Skills and Innovation exhibition zone

*Circle Bar (Level 2 – up the stairs from the Lyric Theatre)*

Low Carbon – Buildings, Energy and Transport exhibition zone

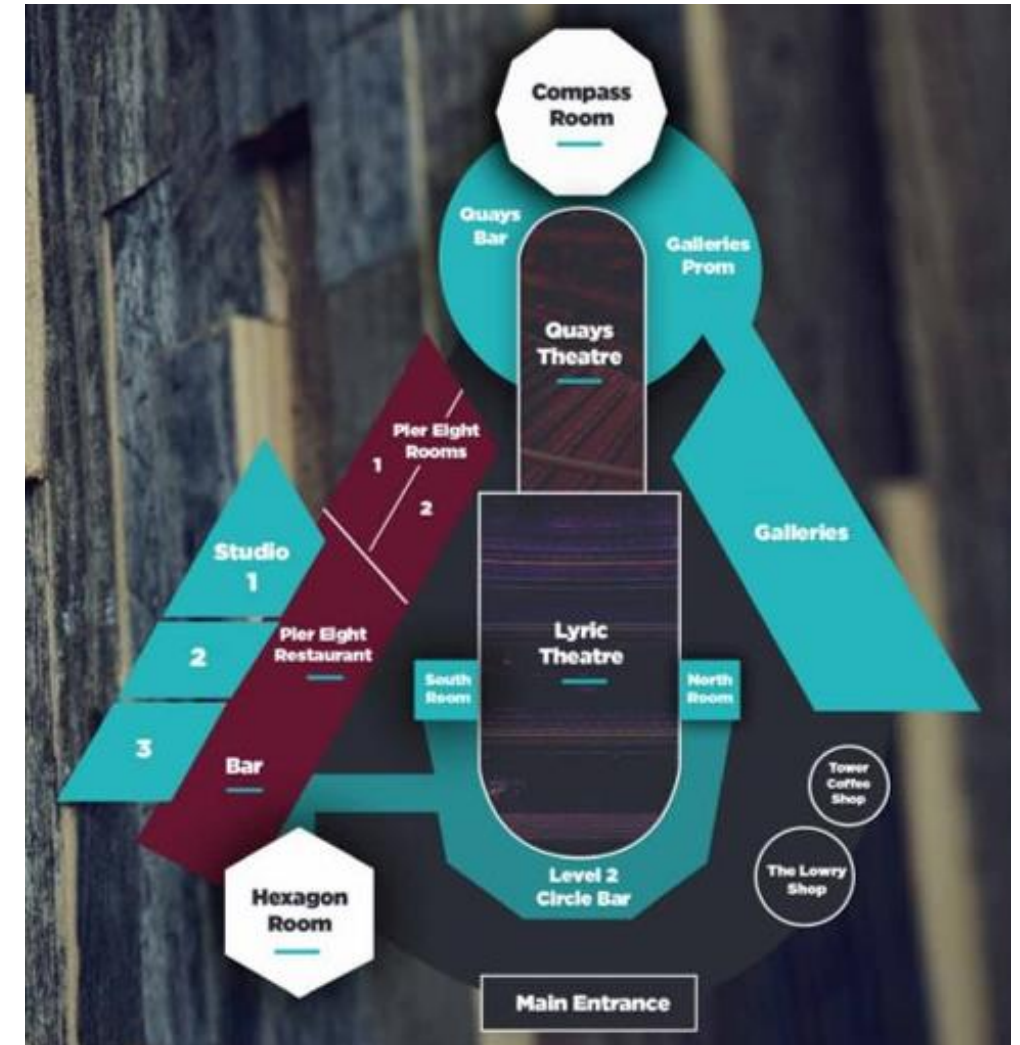
*Pier Eight Bar and Restaurant*

Transport and Low Carbon exhibition zone

*Lowry Plaza (outside main entrance)*

Sustainable Lifestyles, Circular Economy and Zero Waste exhibition zone

*Quays Bar*



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# GM Green Summit 2022

Our sponsors

**GREATER  
MANCHESTER**  
DOING THINGS DIFFERENTLY FOR THE ENVIRONMENT

# GM Green Summit 2022

Headline sponsors



# bruntwood

Bruntwood has been creating thriving cities for over 47 years and is deeply connected with the cities it operates in. It plays a pivotal role in creating vibrant places and unlocking economic potential.

As part of this approach, Bruntwood is committed to a sustainable future. In 2018, Bruntwood became the UK's first commercial property company to sign up to the Green Building Council's Net Zero Carbon Commitment pledge, which aims for new buildings to be net zero carbon by 2030 and older buildings the same by 2050.

Employing over 800 people, Bruntwood has over £1.4bn in assets and more than 100 properties across Manchester, Leeds, Liverpool and Birmingham. It provides everything from coworking space and meeting rooms to serviced, managed and leased offices.

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# GM Green Summit 2022

Headline sponsors



We're helping the UK accelerate to net zero with Whole System Thinking. That means creating a more resilient and sustainable energy system by investing in, building and connecting localised flexible infrastructure to drive the long-term performance of your energy assets.

Our infrastructure and digital services experts are delivering solutions that bring together the diverse needs of all stakeholders into a single unified outcome to maximise both short- and long-term benefits.



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# GM Green Summit 2022

Headline sponsors

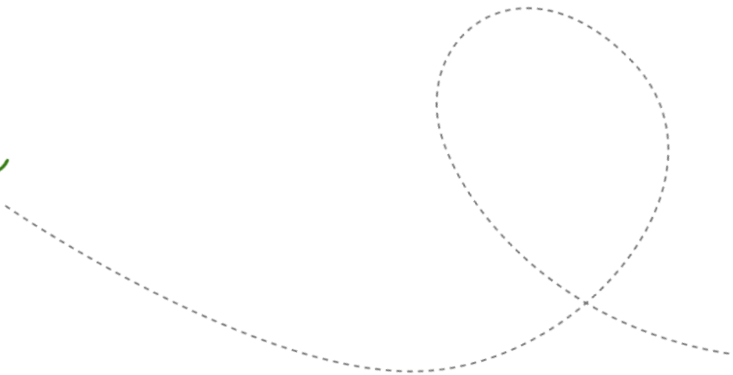


United Utilities is responsible for water and wastewater services in the North West of England. Our purpose is to provide great water and more for the North West.

We deliver 1.8 billion litres of water a day to more than 3 million homes and businesses in the North West, as well as treating all the wastewater which disappears around the U-bend.

Keeping the region flowing relies on a vast behind the scenes operation, involving hundreds of reservoirs, treatment works and pumping stations; thousands of kilometres of water pipes and sewers and a 5,000 strong workforce.

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# GM Green Summit 2022

## Headline sponsors



Manchester Metropolitan University is the UK's number one sustainable University (2021 ranking by People & Planet). We have maintained a top three position in this league since 2013. Yet we know that there is much more to do: we aim to build on our position, becoming a global leader that charts a path for others to follow.

We embed sustainability into our campus, curriculum and the way we work. This means reaching carbon targets and maximising social value. Our carbon management plan keeps us on track to reduce emissions related to fuel and energy use to zero and our emissions related to our value chain to net zero before 2038.



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# GM Green Summit 2022

Headline sponsors



Supporting the net zero transition by delivering renewable energy and low-carbon infrastructure, Carlton Power Group is an independent, UK based energy development company formed in 1995, headquartered in Stokesley, North Yorkshire, with an excellent track record of delivering energy projects in the UK and Europe.

Working towards a net zero Greater Manchester, Carlton Power aims to deliver Green Hydrogen to Greater Manchester, helping make the city region cleaner, carbon neutral and climate resilient.



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# GM Green Summit 2022

Official partners

**GREATER  
MANCHESTER**  
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NORTHSTONE



**Taking climate action today, tomorrow, together.**

# GM Green Summit 2022

## Get in touch

Do you have any questions before the event? If so, you can contact us by:

Email: [greensummit@greatermanchester-ca.gov.uk](mailto:greensummit@greatermanchester-ca.gov.uk)

Twitter: [@GMGreenCity](https://twitter.com/GMGreenCity) / [#GMGreenSummit2022](https://twitter.com/GMGreenSummit2022)