

GREATER MANCHESTER GREEN SUMMIT

25.03.2019 | THE LOWRY

THE LYRIC THEATRE

The activity in the Lyric Theatre will run all day. All delegates will be present here until 11.20. After this time, delegates can choose to stay here or move between one of the other zones. Delegates will come together again in the Lyric Theatre from 3pm onwards. The running order for the Lyric is as follows:

10.00	Welcome from Mayor of Greater Manchester, Andy Burnham Emma Greenwood, Member of Bury Youth Parliament
10.20	Keynote Message from HRH The Prince of Wales University of Manchester Chancellor, Lemn Sissay
10.40	5-Year Environment Plan Councillor Alex Ganotis, Stockport Council
11.00	Global to Local The Mayor of Greater Manchester will lead a panel discussion with audience engagement and featuring keynote speakers from the day
11.20	<i>Break – choose between workshops in the different zones or visit the marketplace</i>
11.30	Engaging others in the 5-Year Environment Plan Hosted by Councillor Alex Ganotis Presentations from: <ul style="list-style-type: none">• Professor Carly McLachlan, Director of Tyndall Centre• Martha McPherson, UCL• Phil Korbel, Manchester Carbon Literacy• Councillor Sean Fielding, Oldham Council



12.35	Taking Action' introducing local inspiration Lindsey Chapman to introduce dynamic projects already making progress in Greater Manchester: <ul style="list-style-type: none"> • Corin Bell, #PlasticfreeGM • Chris Matthews, United Utilities • Prof. Will Swan, Energy House • Steve Pimlott, Go Neutral • Rebecca Lawson, PowerPaired, • Jonathan Atkinson, Carbon Co-op • Amer Gaffar, MMU Hydrogen • Ollie Wilson, The Big Clean Switch • David Kemp, Homes as Energy Systems
13.35	Thematic action – national and regional Councillor Alex Ganotis discusses the 5 key pillars of the Greater Manchester Environment Plan
13.40	Keynote – restoring the natural environment Chair Emma Howard Boyd, Environment Agency CEO Anne Selby, Lancashire Wildlife Trust
14.00	Sustainable consumption and production Retail Chief Commercial Officer, Michael Fletcher, The Cooperative Group CEO David Palmer Jones, Suez
14.20	Buildings for the future Director of Policies and Places, John Alker, UKGBC CEO Robin Lawler, Northwards Housing
14.40	Refreshment break
15.00	Keynote Cycling and Walking Commissioner, Chris Boardman
15.25	Transport Andy Eastlake, Low Carbon Vehicle Partnership
15.35	Future Energy Eric Brown, Energy System Catapult CEO Peter Emery, Electricity North West
15.55	Panel discussion Hosted by Andy Burnham Actor, Peter Gunn and Mark 'Bez' Berry of the Happy Mondays
16.20	Commitment Hosted by the Mayor of Greater Manchester, Andy Burnham Organisations committing to support Greater Manchester's 5-Year Environment Plan
16.50	Summit review Summing up and review of the day by the Mayor of Greater Manchester, Andy Burnham
17.00	Close

THE INNOVATION ZONE

The concept of the Innovation Zone as part of the Green Summit is simple: Greater Manchester wants to be carbon neutral by 2038 at the latest and hold our emissions to 71MtCO₂e. Our analysis has told us that this is required if we are to align our city region with the targets set at COP21 in Paris. Modelling work for Greater Manchester this year shows a pathway of carbon reduction, but with a gap between what the models say is the 'art of the possible' and what science says is needed. In short, our current policies and technologies will not get us to carbon neutral in time.

As a city that prides itself at being in the vanguard of innovation, we want to help shape the next industrial revolution. So, for Greater Manchester, we see the gap between what's possible and what's necessary as a huge opportunity.

The objective is to engage business, academics, policy makers and other delegates in a creative dialogue on what innovation programmes Greater Manchester should be nurturing in the immediate future. We would like to co-create a follow up report that will chart out our route map to a carbon neutral city supported by the kind of innovation our city region is famous for, particularly for the near future.

The Innovation Zone is being co-ordinated by The Growth Company, the North West Business Leadership Team, Greater Manchester Combined Authority and Creative Concern.

Running Order

Based in the Compass Rooms of the Lowry, the activity in the Innovation Zone will run for 3.5 hours during which time delegates may come and go in and out of the space. Our running order is as follows:

11.30	Andy Burnham kicks off the innovation zone with an opening address
11.40	Andy leads a panel discussion to set the scene Panellists: Angela Francis, Chief Advisor, Economics and Economic Development, WWF Mike Wilton, Director Arup Mike Ryan, Advanced Futurist Emma Degg, CEO, North West Business Leadership Team
12.20	Keynote Prof. Michael Shaver, Royce Institute, University of Manchester
12.40	Table Provocations 11 x 2 minute provocations to the room from each thematic table
13.20	Table discussions Cafe-style table discussions across our 11 key innovation themes of Energy Generation and Distribution, Energy Storage, Circular Economy, Advanced Materials, Mobility Smart Cities, Food & Food Systems, Heat, Construction and the Build Environment, Finance, and Water and Water Resilience
14.50	Summing up By Innovation Zone chair, Steve Connor, using short notes of x 3 highlighted action areas drawn from each table, via scribes.
15.00	Close Delegates return to the Lyric Theatre for Green Summit conclusion session.

PUBLIC SECTOR ZONE

Based in the Pier Eight Room, the Public Sector Zone will be focused on helping to inspire the public sector to respond to the challenges and opportunities presented by the 2038 carbon reduction target, as well as the recognition that having a health, green and clean environment simply makes social and economic sense. Delegates may come, and go, in and out of the space for any of the sessions.

11.30	Let's choose sustainable journeys Rachel Scott, TfGM introduces the theme of transport and active travel including a table discussion on sub-themes
12.15	Let's clean and green our buildings and energy supply Sarah McClelland, Great Places Housing introduces the theme of sustainable buildings and energy including a table discussion on sub-themes
13.00	Let's green our grey Anne Selby, LWT introduces the theme of natural environment including a table discussion on sub-themes
13.45	Let's get rid of waste Mark Easedale, Environment Agency introduces the theme of sustainable consumption and production including a table discussion on sub-themes
14.30	Let's get inspired to make change Chaired by Lydia Meryll, Manchester Environmental Education Network (MEEN) Inspirational keynote speaker followed by a panel discussion, question and answer session and then a wrap up. Panel includes: <ul style="list-style-type: none">• Lee Rawlinson, Environment Agency• Trafford Director of Public Health, Eleanor Roaf• Councillor Brenda Warrington, Tameside Council• Greater Manchester Chief Resilience Officer, Kathy Oldham• Councillor Angeliki Stogia - Manchester City Council



THE GREEN CITIZEN ZONE

The Green Citizen Zone is aimed at young people and community-led organisations and will focus on inspiring action and sharing case studies of innovative, low carbon projects around Greater Manchester. Delegates may come, and go, in and out of the space for any of the sessions.

11.30	People Power: Citizen Forester A short presentation hosted by the City of Trees around the importance of empowering people to take action in their local community and the health and wellbeing benefits. Followed by a brainstorming session about how to reach more people and how everyone in the room could help spread the word to create a 'green guerrilla army'
12.10	Green Careers for young people Roy Kareem of Centre for Sustainable Energy gives the low down on what you need to think about if you want to work in the growing 'green collar' sector - including subjects to take and work experience to look for. Including a rundown of the Bright Green Future support program
12.50	Manchester Environmental Education Network Raichael Lock MEEN is hosting a Climate Change 'Youth Speak Out' session
13.30	Low Carbon Community Led Housing and Buildings Marianne Heaslip of URBED outlines examples of environmental and low carbon design within Community Led Housing, followed by a question and answer session. A good session to attend if you work within the construction sector or you are looking to facilitate or develop a Community Led Housing project.
14.40	Sustainable Community Food Chris Walsh of the Kindling Trust discusses definitions of sustainable food and share case studies from around Greater Manchester, including the ground breaking Manchester Veg People social enterprise.

MARKET PLACE

There will be lots of stalls in the market place throughout the day, a list of exhibitors can be found below.

PIER EIGHT AREA

- Environment Agency NW
- United Utilities PLC
- Clean Air Greater Manchester
- BEIS
- BRE
- Transport for Greater Manchester BEE network
- University of Manchester, Sustainability Team
- Anthesis / Scatter
- Tyndall Centre for Climate Change
- Manchester Metropolitan University
- Bitc – IGNITION
- Marketing Manchester
- Pro Manchester
- SERA
- Energi Mine
- CircoSense
- SWECO
- Hahn Plastics
- KAST energy
- Edina UK
- Octopus Energy
- Free Flush
- Panasonic
- Gator Duct
- Zoom
- GigaCycle
- ARUP

CIRCLE AREA:

- Carbon Literacy
- MEEN / Eco Schools
- GM moving
- Waste And Resources Team
- Retrofit Works
- Carbon Co-op
- Big Clean Switch
- Urban Chain, AI4FP
- Chester Zoo
- City Of Trees
- Living Streets
- Ketso
- Friends of the Earth
- Community Energy/Power Paired
- GM Community Renewables
- Lancashire Wildlife Trust /Carbon Landscapes

QUAY BAR AREA:

- Groundwork
- Centrica
- Henry Royce Institute
- University of Manchester
- Panasonic
- Electricity North West
- Siemens
- Business Growth Hub
- University of Salford
- Hitachi

OUTDOOR SPACE

There will be a display of electric vehicles outside The Lowry on the day of the Green Summit. If you are interested in a drive experience with Octopus Electric Vehicles, please visit the stand in the market place to register. You will need to bring your UK driving license and national insurance number.

To help speed up the process on the day please bring printed versions of your licence summary and your GET A CODE reference, which can be created by visiting: www.viewdrivingrecord.service.gov.uk/driving-record/licence-number

A list of electric vehicles that will be available to view on the day below:

- **Tesla** – Showcasing the Model S and Model X electric cars
- **Kast Energy** – Stockport based energy technology company showcasing their ambition to produce the first truly, renewable energy generation, electric powered motorbike.
- **Toyota** - Showcasing the Mirai hydrogen vehicle
- Manchester Bike Hire & Bambino Biking - Display of e-bikes, e-cargo bikes, cargo bikes, and all you need to bike with small children; trial and advice.
- **TfGM/First Manchester** – Come on board and find out more about one of Greater Manchester's first electric buses.
- **Moors for Future Partnership** – The Bogtastic Van, step into the moorland habitat with the sights, sounds, smells and textures of the moors, including an audiovisual experience and 'bog wobble' floor.

The Mancunian Birder, James Walsh, will also be hosting a guided eco walk to see bird wildlife. Tours will happen before the Green Summit, taking place at 8am until 9am from the front entrance of The Lowry.



A special thank you to our sponsors for the Green Summit, without whom this event would not be possible.

