

GM GREEN SUMMIT PRE-WORKSHOP

Building a Zero Carbon Greater Manchester

V0.3 – 28-02-18

Greater Manchester has a unique opportunity – to lead the way towards a sustainable zero-carbon future, in its buildings and built environment. The city-region is already on track for its 2020 target, but the harder steps are still to come. This calls for new models for design and construction, finance and business, science and technology, social innovation and joined up governance. How to put them all together?

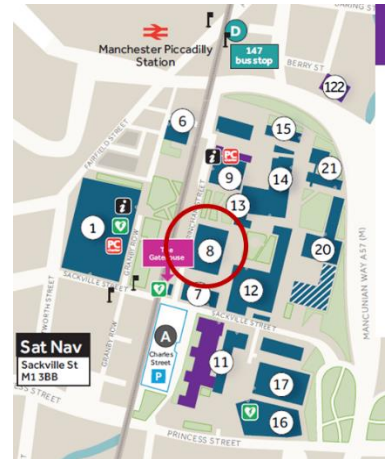
This workshop is a preparation for the GM Green Summit on March 21st. We aim to produce a 'route-map' in stages for the short, medium and longer term, which is practical and credible and ready to roll.

TIME & PLACE

- **Thursday 1st March, 4.00pm – 7pm: refreshments from 3.30pm**
- UOM Renold Building room E1: Altrincham St, near Piccadilly Stn
- #8 on <http://www.manchester.ac.uk/discover/maps/interactive-map/?id=32>

OBJECTIVES:

- *Bring people together to imagine their future, explain what they want, come up with ideas of how to change things and show their commitment*
- *Inspire others across the city to get involved and take action*
- *Highlight actions needed by public bodies, utilities, businesses and voluntary organisations to remove barriers and provide the goods and services people want:*



METHODS

To move quickly we use the template attached: with each sector (new build, retrofit etc) and each cross-cutting 'delivery challenge' (finance, skills, innovation, governance, social issues) :

- **Headline questions & goals** – what is the big vision?? (some text is suggested, to be improved)
- **Pathway questions** - what, who, how, how much and where? (some text is suggested, to be improved)
- **Time horizons questions** – what to do: now, 1 year, 5 years, 20 years,
- **Visual thinking** with diagrams & cartoons, is strongly encouraged...

CHALLENGES & PROVOCATIONS

- 1) **Vision: energy for the future:** *Mark Atherton, GMCA*
- 2) **social: what about the people?** *Prof. Stefan Bouzarovski, UOM & EU Energy Poverty Observatory*
- 3) **innovation: what smart systems are on the horizon?** *Mei Ren, Buro Happold*
- 4) **retrofit: how to achieve low/zero carbon?** *Charlie Baker, RED Coop*
- 5) **new build: how to achieve low/zero carbon?** *Chris Hayes, Skanska*
- 6) **delivery: how to get it moving?** *Louise Marix Evans, Quantum, & David Kemp, Procure Plus*
- 7) **governance: how does a community learn to collaborate & create value??** *Joe Ravetz, UOM*

WORKSHOP PROGRAM & METHOD:

15.30	Refreshments		Briefing papers in advance on www.gm2040.com : also the Green Summit online survey - https://pollev.com/GreenSummit
16.00	Introductions	Intro around the room Intro to Green Summit (GMCA) Intro to method (JR)	Tables of around 6 persons, each with facilitator / rapporteur.
16.15	Provocations	<ul style="list-style-type: none"> • Vision • social • innovation • retrofit • new build • delivery • governance 	<p>Questions: <i>'What is the nature of the challenge, what do we know so far, & which pathways can we follow??'</i></p> <p>(5 minutes each!!)</p>
17.00	Plenary	Queries & review	
17.15	Table session 1:	<p>Low carbon challenges:</p> <ul style="list-style-type: none"> • Housing retrofit • Housing new build • Commercial property • Construction supply chain • Land & infrastructure 	<p>Questions: <i>what to do, who, how, where & when?</i></p> <p>Each table takes on 1 challenge: ideas on post-its on flipcharts, and/or on the template: mounted on wall in the break.</p>
17.45	Refreshments	<i>cross-fertilization</i>	<i>Each table explains its 'wall' to others & gathers more ideas.</i>
18.00	Table session 2:	<p>Delivery challenges: (titles can be revised if needed)</p> <ul style="list-style-type: none"> • Finance & economics • Skills & enterprise • Innovation & technology: • Health & public services • Governance & communities 	<p>Questions: <i>what to do, who, how, where & when?</i></p> <p>Each table takes on 1 challenge: ideas on post-its on flipcharts, and/or on the template: mounted on wall in the break.</p>
18.30	Plenary	Report on challenges Conclusions	<p>Focus on 'key messages for GM, GMCA & the Mayor'.</p> <p>(2 mins each!!)</p>
19.00	Close		