

Meeting Title:	Southampton Climate Commission MINUTES
Date:	17 July 2023
Time:	4- 5.30pm
Location:	MS Teams

Attendees confirmed: Bakr Bahaj (University of Southampton), Steve Guppy (SCC), Melanie Robertson (SCC), Phil Dominey (SW Rail), Elizabeth Giles (Quilter), Phil Horton (Royal Yachting Assoc), Jason Light (University Hospital), Adam Goulden (tec), Ellis Jackson (Transition Southampton/SoCAN/Tru), Liz Batten (SoCAN), John Savage (Clr), Fanny Garrigou-Grandchamp (Equans), Mandi Bissett (Southampton Collective), Mark Hancock (Southampton Friends of the Earth/SoCAN),

Apologies: Jo Cleary (Balfour Beatty), Yaryna Basystyuk (Climate Assembly – UoS), Charlotte Large (Equans), Caroline Carlin (Southampton Football Club), Giles Giles (University of Southampton), Paolo Spada (Climate Assembly – UoS), Sue Simmonite (ABP), Stuart Perry (Science Park), Adam Tewkesbury (University of Southampton), Dan Brown (Carnival), Brian Hammersley (Balfour Beatty), Michelle Pearce (Solent University), Gemma Pratt (Go Southampton),

	<i>Item</i>	<i>Actions</i>
1	<p>Welcome, Minutes</p> <p>New commission member Gareth Miller – representing Chamber of Commerce (Sustainability Lead)</p> <p>Intern from Equans, Maelle Garda</p> <p>Zoe Colbeck – Project Manager, replacing Ralf Rashbrook on behalf of Solent Cluster,</p> <p>SG – working with emergency planning to look at climate risk, preventative element. Capacity an issue</p> <p>JL – emergency planning, at what point does climate risk become everyday response / business as usual</p>	
2	<p>Solent Cluster</p> <p>Focus on big industrial emitters. 88 members – Vision</p> <p>Short term – blue hydrogen at Fawley.</p> <p>Long term – green hydrogen on site, more renewables needed.</p> <p>CCS in rocks off Solent coast – from Fawley and Veolia from EFW plant, others to ship in CO2. 10M TCO2.</p>	MR – circulate presentation.

<p>Gov recognizes Blue Hydrogen part of the solution – not enough green hydrogen currently. Water shortages. Green hydrogen company produce water from salt water but requires a lot of energy.</p> <p>MH – concern that CCS (for blue hydrogen) despite it being tried in many projects for many years has been not shown to not work at scale. What is the hydrogen grid for: certainly not domestic heating where it's very inefficient and problematic? Current hydrogen production has the same impact as aviation so can we clean up that first?</p> <p>MB – concern that numbers don't add up, distraction away from installation of renewables</p> <p>SG – need to demonstrate viability for projects going forward.</p> <p>JL – lack of clarity. No impact on net zero in next decade. Needs to be set in context of wider discussion – retrofit, jobs & skills. Geothermal – more potential in Southampton.</p> <p>ZC – Gov work stream, blue better than grey hydrogen, focus on big emitters and not domestic.</p> <p>MH – concern blue hydrogen as bad as coal</p> <p>SG – Zoe to feed back to Cluster questions and need for clarity.</p> <p>Questions from JL via email:</p> <p>What is the carbon intensity of the hydrogen expected to be produced in the first 5 years (figures with and without CCS), how does this compare to natural gas?</p> <p>What % of the Hydrogen they predict to produce in the first decade will be considered green?</p> <p>What year do they envisage exporting green hydrogen to the gas network (at 20%)?</p> <p>What year do they envisage piping hydrogen to supply boilers outside of the project area?</p> <p>What is the cost to upgrade the Southampton gas network to plastic to accommodate more than 20% hydrogen? How does this compare to the existing SGS annual budget for pipelines and how do they envisage this being funded and delivered?</p> <p>AG – Retrofit.</p>	<p>ZC – to feed back and find way for Cluster to address questions</p> <p>SCC – Circulate draft position statement within next 4 weeks for Solent Cluster to be agreed at next meeting</p>
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	<p>PH - In terms of our role, and retrofit, if we were to produce a position paper that stated what standard should be required to demonstrate a successful policy, and the rate of conversions required to meet climate goals, then that could be used to measure policy goals.</p> <p>LB – Doughnut Economics</p>	
3	<p>Pioneer Places project</p> <p>Non-technical barriers to Net Zero. Phase 1 - 3 months</p> <p>Finance, capability & skills, grid, policy, participation, governance, open source data.</p> <p>Phase 2 – application for £5m</p> <p>Pathfinders (Parachute payment) – Local Area Energy Plan (Energy Catapult Model). Looking at grid supply and demand.</p>	
4	<p>Development of City Wide Strategy by Climate Commission/ Workstreams</p> <p>MB – climate assembly looking at transport, sustainable food, adaptation and resilience.</p> <p>SG – Net Zero Strategy – consultation – need to include adaptation and resilience. Limited reach/ range of influence for whole city e.g. shipping, aviation. How to use Commission stakeholders to make change happen.</p> <p>AG – can report back Fuel Poverty /retrofit in Southampton and wider region.</p> <p>LB – Review of adaptation and mitigation measures in the city. Overview of what’s going on and where the gaps are – inform conversations with Emergency Planning. What interventions are necessary. Business Plan for decarbonization – matrix/ energy descent action plan – timeline, picture of what all stakeholders are doing.</p> <p>How do we demonstrate independence as a Commission – in person workshop. Who is our audience?</p> <p>SG – Council imposing plan on the city difficult</p> <p>PH – High level evidence based position statements rather than Policy as we are seeking to influence?</p> <p>SG – Use of key cities themes in SCC Strategy.</p>	<p>SCC - Workshop dates for mapping retrofit</p>

	<p>MR – focus on a workstream?</p> <p>MH – Mechanism for catching hot topics before Council make decisions</p> <p>SG – Being part of Solent Cluster means we can be part of the conversation rather than necessarily endorsing it.</p> <p>AB – Commission statements must be evidence based. Climate Change Committee, academic publications.</p> <p>JS – Mini Stern for Southampton – economic case</p> <p>AG – Agreed, and demonstrating that Southampton is open for business. Encouraging and building confidence in the supply chain</p>	
5	<p>News from members – successes and challenges</p> <p>Update from Climate Assembly – Matt Ryan</p> <p>Focus on Transport. Commission may want to see what Assembly generates from that.</p> <p>Looking at whether this should be personal transport & deliveries, later shipping & aviation?</p> <p>Process of ensuring a selection of participants that are given an opportunity to contribute.</p>	<p>MR – look into setting up webpage for CC</p>
7	<p>AOB</p> <p>JS – consultee on planning applications.</p> <p>AG – not successful in funding for able to pay sector support.</p>	<p>MR - identify a climate commission to talk to us about developing an action plan</p>

Next meeting - 16th October 4pm

Attachments

Slides from Solent Cluster

Topics for future meetings

Mini Stern