

CLIMATE METROPOLE+ Initiative

	Workshop 'Climate Change Adaptation: Strategies, Actions and Challenges', 20-21 June 2016, Liverpool
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INTRODUCTION

Climate Metropole+ is an initiative of Barcelona Metropolitan Area (BMA) and Metropolis in cooperation with its partners Berlin, Liverpool City Region and Grand Lyon. The aim of the initiative is to exchange experiences and generate knowledge regarding climate change adaptation. The project started in June 2015 and will finish by December 2016. It involves four workshops in each of the partner cities (Berlin, Lyon, Liverpool and Barcelona).

The third workshop of the Climate Metropole+ initiative was held in Liverpool on 20-21 June 2016. The councillor Malcolm Kennedy from Liverpool City Council gave a welcoming speech and explained the origin of the city of Liverpool and the need to do more for cyclists and pedestrians. Councillor Kennedy also highlighted the need for experts to make things simple for decision-makers on issues such as climate adaptation. The first day included presentations on: climate risks and adaptation initiatives in Liverpool, incorporation of green infrastructure into the development at Wirral Waters Merseyside regeneration project, coastal management of Sefton coastal dunes and the Climate Local Authority Support Programme project (CLASP). The first field trip involved a visit to Alder Hey Hospital to reflect on the concept and vision of the hospital and all the sustainability measures foreseen as well as the innovative climate adaptation measures incorporated into the building design. The second field trip involved taking the ferry across the river Mersey to Wirral and taking an afternoon tea at Woodside Home Café whilst listening to two presentations: Mr. Paul Nolan, the Director of Merseyforest, presented the Wirral Waters Development Scheme and how green infrastructure supported regeneration and helped to adapt and mitigate climate change. Then, Ms. Alisa Gibson presented the CLASP project and how advice on climate adaptation was provided to local authority members and officers.

The second day started with two presentations: Mr. Paul James from Circles of Climate presented the latest progress in the No Regrets Charter and Ms. Alison Ball from ARUP presented Liverpool's participation in the Rockefeller Foundation City Resilience Index. Then, Ms. Ana Romero presented a draft agenda for the both workshop and final seminar to be held in Barcelona on 17-18 November 2016. This was followed by a debate regarding future opportunities for continuing the collaboration among the partners, possible dissemination activities related to the project and the final output from the project to be distributed both online and as a publication at the Barcelona seminar. Finally, Mr Bruce McCormack gave two presentations, one on Africa's largest informal settlement and set it within the context of rapid population growth in Africa (another 1.3b people in 34 years) and urban growth (450m extra urban dwellers by 2030). His second presentation focused on issues related to the 'Now' principle in the No Regrets Charter.

PARTICIPANTS

City	Name and position
Berlin / Sydney	Paul James Director Institute for Culture and Society, Western Sydney University Circles of Climate Change Adaptation
Metropolitan Area of Barcelona (AMB)	Ana Romero Head of the Section on Sustainability and Environmental Education, Environmental Services Direction
AMB	Merixell Martell Merience, Consultant to AMB for Climate Metropole+ initiative
Grand Lyon	Luce Ponsar Climate Plan Manager, Grand Lyon
Liverpool City Region	James Sharples Policy Manager, Liverpool City Region
Liverpool City Region	Vicki O'Kelly Green Blue Skies Limited, Consultant to Liverpool City Region
Ireland	Bruce McCormack Consultant, Circles of Climate Change Adaptation

AGENDA

Monday 20 June 2016

Time	Topic/activity	Location	Lead/speaker
9:00	Arrival and refreshments	Merseytravel offices	
9:30	Welcome and introductions	Merseytravel offices	Councillor Malcolm Kennedy, Liverpool City Council
9:45	Introduction to day 1 workshop; overview of Liverpool City Region climate risks and adaptation initiatives – including a case study on Sefton Coastline	Merseytravel offices	James Sharples / Vicki O'Kelly – Merseyside Brussels Office
10:35	<i>Minibus pick up</i>		
11:00	Presentation and tour of the new Alder Hey Hospital to see the innovative climate adaptation measures incorporated into the building design	Alder Hey Hospital	Dave Houghton, Project Manager Alder Hey Children's NHS Trust
12:15	<i>Minibus back from Alder Hey</i>		
12:45	<i>Lunch</i>		
14:00	Mersey ferry crossing over the river to Wirral		
14:30	Presentation on Wirral Waters Development Scheme and the incorporation of Green Infrastructure (GI) into the development.	Woodside HOME Café	Paul Nolan, Director of the Merseyforest

10:15	Presentation on CLASP project (Climate Local Authority Support Programme) – with a focus on advice to local authority members and officers on climate adaptation	Woodside HOME Café	Alisa Gibson, CLASP
16:30	Ferry Departs		
17:00	Arrive back in Liverpool		
20:00	<i>Dinner</i>	Hanover Street Social	

Tuesday 21 June 2016

Time	Topic/activity	Location	Lead/speaker
9:15	Arrival and refreshments, introduction to day 2 workshop	Merseytravel offices	Vicki O’Kelly
9:30	Presentation on Liverpool’s participation in the Rockefeller Foundation City Resilience Index	Merseytravel offices	Alison Ball, Associate Environment and Sustainability, ARUP
9:50	Presentation on No Regrets Charter	Merseytravel offices	Paul James / Bruce McCormack <i>Circles of Climate</i>
10:30	Update on developments in each City against the No Regrets Charter	Merseytravel offices	All
11:20	Plan for Barcelona workshop – agenda, final report, high level event, charter signing	Merseytravel offices	Ana Romero <i>Barcelona Metropolitan Area</i> All
12:30	<i>Lunch</i>		
13:15	Discussion on collaboration opportunities – emerging EU funding options	Merseytravel offices	All
14:30	<i>Close</i>		

MAIN POINTS RAISED ON DAY 1

- The Liverpool City Region (LCR) Combined Authority was established in April 2014, incorporating six local authority districts of Halton, Knowsley, Liverpool, St Helens, Sefton and Wirral. In May 2017, a mayor will be elected for the City Region.
- Some of the powers held by central Government are being devolved to the region. The Combined Authority will have powers over transport, economic development and regeneration. The region’s economic development is also supported by a LCR Local Enterprise Partnership established in 2010 as the private sector-led board comprising political and business leaders from around the city region.

- LCR population is over 1,5 million people whereas the city of Liverpool has 460,000 people. Around 80% of the wider city region is blue/green space.
- Climate change involves certain risks for LCR (high winds, heavy winter rain, summer flash floods, etc) but also potential opportunities (increased tourism and development of outdoor leisure activities, promotion of more healthy active lifestyle, potential for tidal energy, etc).
- In 2015, the Liverpool City Region green infrastructure strategy was published. It includes actions such as creating water bodies and water courses, improving green infrastructure around hospitals and health centres, protecting areas of existing ecological value, improving accessibility to spaces such as gardens, orchards, etc.
- Some examples of the actions on climate change adaptation include: raising awareness and delivering behavioural change programmes; developing planning policy on new developments that focus on excellent energy efficiency standards, climate risk planning and encourage renewable energy initiatives; using green infrastructure to manage climate impacts, contribute to economic development and promote healthy low carbon styles.
- Some of the activities related to climate change adaptation include: food eco-hub and food city networks, the management of Sefton coast and the Coastwatch Education Resource Pack.

FIELD TRIP

A field trip was organised with local experts to visit the following facilities:

- Alder Hey in the Park Hospital: a unique concept of a Children's hospital that engenders well-being and integrates a hospital and park for the therapeutic benefit of children, their families and staff. The new £237m hospital contains 270 beds and 16 operating theatres over five storeys. The building rises out of the park with an undulating profile incorporating unique sustainable design features inspired by children. The majority of the rooms enjoy park views.
- Wirral Waters Development Scheme: Wirral Waters is a large sustainable regeneration project in the UK centred around the transformation of the derelict docks in Birkenhead into a world class waterfront. The scheme is jobs driven and seeks to create over 20,000 permanent new jobs for the Liverpool City Region. An extensive green planting programme to create "green infrastructure" will help to act as a catalyst for economic growth, by improving the local environment.
- Climate Local Authority Support Programme (CLASP): it is a not-for-profit service providing free support for public sector organisations and their partners, on environmental resilience, reducing energy use and renewable energy planning issues. CLASP was initially hosted by Liverpool City Council and transferred the hosting of the services to Climate UK in March 2015. Some of

the work of CLASP includes providing services, information and training to local authority officers and communities on climate change adaptation.

MAIN POINTS RAISED ON DAY 2

- Liverpool City Council has a climate adaptation plan dated from 5 years ago. The climate change agenda needs to be reconsidered and future priorities settled in the coming months.
- The No Regrets Charter proposes a structured method for assessing climate change adaptation, setting up principles and templates for action, based on a holistic sustainability approach where all domains (ecology, politics, economics and culture) are considered. The Circles of Social Life approach, which includes Circles of Sustainability, offers an integrated method for responding to complex issues of sustainability, resilience, adaptation, liveability and vibrancy. The assessment can be done either by using an expert based evaluation system (with professional and lay experts, for instance) or as a self-assessment.
- ARUP has developed the City Resilience Framework and the City Resilience Index with support from the Rockefeller Foundation. These tools, based on indicators and sub-indicators, provide cities with a comprehensive, accessible, technically robust and globally applicable basis for assessing and measuring resilience at a city scale. The index was tested in Liverpool, involving a whole range of stakeholders in the evaluation.

WAY FORWARD

- Next workshop and seminar: Barcelona: 17-18 November 2016. A draft agenda was distributed and there was a suggestion to invite a representative from DG ENER as well as to have a round table with political representatives from the 4 countries.. Regarding the No Regrets Charter, the key aim should be to encourage adoption of the Charter principles rather than getting authorities to sign the Charter.
- A decision was taken that the main deliverable from the project will be a brief summary with the main findings of the project and the good practice examples. This final output is to be disseminated online and distributed at the seminar in Barcelona. This publication would include statements from political representatives as well as the participants involved in the project and a good practice example for each of the cities involved.
- There is an interest to look at opportunities to work together at European level. For this, participants are asked to think of potential ideas and a specific meeting will be held in Brussels on 20th July.
- Questions for Metropolis: will Metropolis take a lead on supporting cities in their climate change adaptation process? Will Metropolis look for synergies between the No Regrets Charter and the approach given by the Mayors Adapt? Participants are of the opinion that Metropolis needs to take the lead on

supporting climate change adaptation plans, based on the approach provided by the No Regrets Charter.

- The list of actions resulting from the discussion during the workshop is shown in Annex I below.

ANNEX I . List of actions

	<i>WHAT</i>	<i>WHO</i>	<i>BY WHEN</i>	<i>WHY</i>
LIVERPOOL WORKSHOP ACTIONS				
1.	Distribute the presentations from the workshop	Vicki	1 July	To share information
FINAL PUBLICATION ACTIONS				
2.	Send a template to complete a good practice example from each city	Meri	11 July	For final publication
3.	Complete the template	Vicki/James, Ana, Luce, Berlin partner	29 July	
4.	Ask all participants to think of the main findings of the workshops from their point of view	Meri	1 July	For final publication
5.	Complete the findings	Vicki/James, Ana, Luce, Berlin partner	29 July	
6.	Draft a dissemination plan for the project	James & Meri	29 July	Ensure dissemination & possible continuity
7.	Statements from mayors and their pictures in the final publication	Meri to send a template	29 July	For final publication
8.	Final publication drafted to be distributed to all partners	Meri	5 September	To agree on final publication
9.	Comments to the final draft	All	16 September	To agree on final publication
10.	Incorporate comments	Meri	24 September	Final document
11.	Minor comments to the final publication	All	1 October	Final document
12.	Send document final publication for nice design and	Ana to ask in July	10 October	Becomes a nice

	WHAT	WHO	BY WHEN	WHY
	layout Translation of the document (Spanish, German, French?)			document!
BARCELONA WORKSHOP AND FINAL SEMINAR				
13.	Invite a representative of DG Ener to Barcelona Workshop	Barcelona Metropolitan Area (Ana)	First week of July	To disseminate the project within the EC
14.	Brief Berlin representatives on the Liverpool workshop and their involvement for Barcelona	Paul via Barbara Meri via Michael	First week of July	Involvement in Barcelona Workshop
FUTURE PROPOSAL ACTIONS				
15.	Information on possible calls for European proposal	Vicki & James	1 July	To decide on future call
16.	Reflect on possible options for a future proposal	All	1-19 July	To help drafting a proposal
17.	Meet in Brussels to discuss future proposal	Vicki/James, Ana, Luce	20 July	To draft a proposal for a future project
18.	Ask Metropolis for a possible continuation of the project	Meri via BMA Paul via Barbara (Berlin)	1-15 July	Continuation of the project