

IUC Urban Cooperation Action Plan (U-CAP) Summary

City:	Manchester	Chengdu, Liuzhou, Yangzhou
Province, State, Department...:	North West England	
Country:	United Kingdom	
Population:	2.682.500	
Size (km²)	1.277 km ²	
Period of cooperation	April 2019 – November 2020	
Cooperation Themes:	e-Mobility / Renewable Energy Circular Economy Digital Transition Urban Agriculture, Horticultural exhibition	
Related <u>SDGs</u> and <u>Urban Agenda</u> topics:	SDG 11 Resilient and sustainable cities SDG 9 Inclusive and sustainable industrialization and foster innovation, EU UP Jobs & Skills in Local Economy EU UP Urban Mobility	
Key focus of cooperation themes:	<p>e-Mobility: Sharing approaches to hydrogen infrastructure & improving power-to-energy (Liuzhou, Chengdu), promoting start-up cooperation (Chengdu).</p> <p>Circular Economy – involve local industries to use environmentally friendly materials and move towards alternative buying models to implement circular economy strategies (away from plastic).</p> <p>Digital Transition: Making Salford Media City a testbed for digital infrastructure / urban tools within the IUC project.</p> <p>Urban Agriculture: Participation at Yangzhou Horticultural Expo 2021</p>	
Key challenges of cooperation theme:	Internationalisation of Manchester start-up towards China and vice-versa, support to EU business for market entry in China in areas relevant to sustainable urban development, mobilization of stakeholders from research, public authorities and business (triple-helix).	



<p>Main <u>objectives</u> of cooperation as described in the U-CAP:</p>	<p>Launch concrete cooperation projects in the above-mentioned fields and advance to thematic networking through cluster UCAPs</p>
<p>Short description of main <u>activities</u> and key <u>outputs</u> (e.g. pilot projects):</p>	<ul style="list-style-type: none"> → <u>April 2019</u>: mission and meetings with Chinese cities in Brussels. Focus on themes and stakeholder mix for pilots and cooperation models. Follow-up by means of a Smart Cities webinar with European cities → <u>September 2019</u>: First mission to Guangzhou, Liuzhou and Nanning. → <u>October 2019</u>: Participation of Manchester delegates at the China Circular Economy Development Forum in Nanjing. → <u>November 2019</u>: Attending the IUC Global event in Brussels. IUC Asia meetings took place in Brussels on Wednesday 20th November, in which Chinese delegates met with counterparts from Manchester. Here, pilot projects were discussed, and the new Chinese cities were introduced to the European counterparts. → <u>May 2020</u>: Online coaching to Manchester by IUC team members. Further development of cooperation proposals. Manchester develops several concept notes for the cooperation with Chinese cities. → <u>June 2020</u>: Specific online meeting between Manchester and Chengdu with regard to renewable energy cooperation. Involvement of further stakeholders from Manchester including <u>Manchester Metropolitan University</u> (MMU), <u>Manchester Fuel Cell Innovation Centre</u> (MFCIC),
<p>Expected <u>results</u> and <u>benefits</u>:</p>	<p>e-Mobility:</p> <ul style="list-style-type: none"> → Sharing approaches to hydrogen infrastructure & improving power-to-energy (Liuzhou, Chengdu), promoting start-up cooperation (Chengdu, Nanjing) → Develop joint research and academic visiting activities, incubation/acceleration of start-ups in the hydrogen vehicles area. <p>Circular Economy:</p>



- Develop a pilot campaign with Haikou to move away from plastics consumption with support from the IUC project and the Chinese Academy of Social Sciences.

Digital Transition:

- Developing digital twin in Salford Media City as testbed for digital infrastructure / urban tools within the IUC project.

Horticultural Development:

- Secure financial support by Yangzhou for Salford's participation at the Horticultural Expo 2021.

Economic development:

- Possible cooperation with Yangzhou's "Peking University Science Park" to support the talents attraction from China to Manchester.
- A major area of interest for Manchester is the exchange on ways to reestablish public services after the Covid19 crisis, especially public transport.
- Another area of possible pilot projects cooperation is the development of instruments for restructuring and redeveloping commercial areas in city centres after the Covid19 crisis.

For further information (including access to the full U-CAP), please contact:
IUC-ASIA office@iuc-asia.eu

