

IUC Urban Cooperation Action Plan (U-CAP) Summary

City:	Chengdu	Rome, Great Manchester, Barcelona
Province, State, Department...:	Sichuan	Lazio, North East England, Catalonia
Country:	China	Italy, UK, Spain
Population:	16,5mio	N/A
Size (km²)	14335km ²	N/A
Period of cooperation	May 2017 (as a follow-up to Chengdu's engagement in previous EU-China urban project World Cities)	
Cooperation Themes:	<p>Smart City / Mobility: Digitalization transition and joint events on smart city and future mobility</p> <p>Circular Economy & Energy Transition: Joint projects on smart energy</p> <p>Mobility, Connectivity: joint event on smart mobility exchanges and cooperation (EU UP Urban Mobility)</p>	
Related SDGs and Urban Agenda topics:	<p>SDG 4&11, EU UP Job & Skills in Local Economy</p> <p>SDG 9&11, EU UP Urban Mobility</p> <p>SDG 7,11, 12 &13, EU UP Air Quality, Energy Transition, Climate Adaptation</p>	
Key focus of cooperation themes:	Internationalization of Chengdu towards EU cities 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>Key <u>challenges</u> of cooperation theme:</p>	
<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>	<p>→ For previous activities with European cities, please see www.world-cities.eu</p> <p>→ <u>June 2019</u>: EU cities delegates to visit Chengdu and participate in the EU-China forum on smart city and innovation, a side event of the Chengdu Global Innovation and Entrepreneurship Fair (GIEF)</p> <ul style="list-style-type: none"> ○ Definition of possible pilot projects between Rome and Chengdu on renewable energy <p>→ <u>May 2020</u>: Two online meeting on smart energy research between Sapienza University (Rome) and Sichuan Energy Internet Research Institute (EIRI) at Tsinghua University.</p> <ul style="list-style-type: none"> ○ Two departments from Rome’s University Sapienza (CITERA – Interdepartmental Center for Territory, Building, Restoration, Environment and the Department of Planning, Design, and Technology of Architecture) identified concrete research topics, potential financial sources and possible testbeds in cities. ○ Both sides have agreed in elaborating an MoU for specific research cooperation on planning methodologies for energy saving in new buildings. Collaboration would include the application to 2 Chinese support schemes: <ul style="list-style-type: none"> ▪ a) The China Association for S&T (with short-term possible support of 20-30 TEU), and ▪ b) the MOST National Key R&D Plan for International Cooperation (with possible support of 300 TEU if selected). In a second step, EIRI and Sapienza would like to pilot some recommendations/findings in IUC cities both in China and Europe.



	<p>→ <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 (MMU)</u>, <u>Manchester Fuel Cell Innovation Centre (MFCIC)</u></p>
<p>Expected results and benefits:</p>	<ol style="list-style-type: none">1. Joint study/R&D projects on smart energy between universities from both sides.2. Joint project for startups exchange on smart energy, IoT and smart city.3. Platform / information sharing and exchange to promote digitalization transition.4. Co-organizing events for culture and tourism exchanges.5. Joint programme on education exchanges: e.g. students exchange, visiting lectures exchanges, on-line education platform integration and etc.

For further information (including access to the full U-CAP), please contact:

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