

## IUC Urban Cooperation Action Plan (U-CAP) Summary

<b>City:</b>	<b>Granada</b>	<b>Haikou, Kunming Liuzhou, Zhengzhou</b>
<b>Province, State, Department...:</b>	Andalusia	Hainan, Yunnan, Guangxi and Henan
<b>Country:</b>	Spain	China
<b>Population:</b>	236 000	N/A
<b>Size (km<sup>2</sup>)</b>	88 km <sup>2</sup>	N/A
<b>Period of cooperation</b>	June 2018 – November 2020	
<b>Cooperation Themes:</b>	<b>Culture, Tourism and Education</b> <b>Life Sciences and Healthy City</b> <b>Smart City and Digital Transition</b>	
<b>Related SDGs and Urban Agenda topics:</b>	SDG 4: Quality Education SDG 9: Industry, Innovation & Infrastructure SDG 11: Sustainable Cities and Communities EU Urban Agenda Theme: Culture/Cultural Heritage EU Urban Agenda Theme: Digital Transition SDG 3: Good Health and Well-Being	
<b>Key focus of cooperation themes:</b>	<p><b>Tourism and cultural cooperation:</b> Promote and define joint activities between the various stakeholders of Granada, Haikou and Liuzhou to encourage sustainable and intelligent tourism, actions to enhance local culture and cultural heritage, and collaborations between universities and companies to develop joint educational and research programs.</p> <p><b>Life Sciences and Healthy City:</b> Promote joint activities between the various stakeholders of the cities involved to define cooperation models and develop innovative pilot and demonstrative projects in the sectors of Life Sciences and Healthy City.</p> <p><b>Smart City and Digital Transition</b> Cooperate with Liudong New District in terms of SME incubation, technology transfer, etc. Develop a</p>	



	<p>demonstration zone to showcase smart city concept, technologies and applications in the local context. Build a bridge for both sides companies relationship.</p>
<p><b>Key challenges of cooperation theme:</b></p>	<p>Internationalisation of Granada start-up towards China and vice-versa, support to Granada 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>
<p><b>Main objectives of cooperation as described in the U-CAP:</b></p>	<p>Launch concrete cooperation projects in the above-mentioned fields and advance to thematic networking through cluster UCAPs</p>
<p><b>Short description of main activities and key outputs (e.g. pilot projects):</b></p>	<ul style="list-style-type: none"> <li>→ <u>July 2018</u>: First meeting: Granada joins the EU cities one-week mission to China (Tianjin, Zhengzhou and Haikou). <ul style="list-style-type: none"> <li>○ Coordination with several stakeholders from Zhengzhou for the collaboration in smart city topics, including the <u>Chengang Group</u> in <u>Zhengdong New Area</u>.</li> <li>○ Granada signs MoU with <u>Zhengzhou</u> City Government and with <u>Haikou</u> City Government.</li> </ul> </li>   <li>→ <u>September 2018</u>: Second meeting – Visit of Chinese cities to Granada incl. visits to smart city lab of <u>Granada University</u>, the <u>PTS Health Park</u> &amp; <u>On Tech Granada</u>. Granada signs MoU with Kunming for the cooperation with the Ciba Biotechnology Town Project.</li>   <li>→ <u>November 2018</u>: Third meeting - Mission of Granada to Beijing, Yantai and Kunming. Participation at <i>EU-China Forum on Innovative and Smart Cities</i> in Beijing and visits to counterparts in Yantai and Kunming for the development of further pilot projects in the smart city cluster. Granada signs MoUs with Kunming.</li>   <li>→ <u>April 2019</u>: Fourth meeting with Chinese cities representatives in Brussels. Focus on themes and stakeholder mix for pilots and cooperation models.</li>   <li>→ <u>June 2019</u>: Fifth meeting - Smart Cities Cluster Meeting and New Energy meetings in Chengdu, mission of Granada &amp; other European cities to Liuzhou: Granada entering pilot project exchange in regard to cooperation with health park.</li> </ul>



- September 2019: Granada applies to the IUC competitive fund for the implementation of a blockchain for circular economy conference & platform with Chinese cities. It is awarded with the gold category.
- November 2019: Sixth meeting with Chinese counterparts during the IUC Global event in Brussels. Meeting counterparts from Chinese cities.
- March 2020: Granada participates in the Liuzhou-European Cities virtual Covid19 exchange, focusing on the ICT sector. Discussion of pilot project in Liudong District.
- April 2020: Granada virtual pilot development meetings with the IUC experts. Further development of the blockchain conference / platform project.
- May 2020: Granada delivers finalised UCAP with summary of all cooperation activities with China.
- June 2020: Granada delivers final updated concept note for the blockchain conference / platform project supported by the EU's IUC competitive fund.

**Expected results and benefits:**

The activities carried out led to the definition of the following pilot project proposals:

**With all interested Chinese and European cities from the Circular Economy and Smart City clusters:**

- With support by the competitive fund, organise **three digital webinars** about the impact of **blockchain technology** for the sustainable urban development focusing in key areas including *inter alia* circular economy. Participation from local authorities, business and academia. Implementation in July, September and November 2020.
- Develop an **online cooperative work platform** to establish a **BlockLab** to plan joint actions on blockchain technology for circular economy projects. The platform will be done under the auspices of the MediaLab of the University of



Granada, together with the Digital Innovation Hub OnTech Granada.

- Cooperation sought with other EU cities in this area.

#### Kunming:

- Mutual programs for the **exchange and internship** of students, professors and staff from University of Granada and Kunming in the field of blockchain and biotech.
- Cooperation of the Health and Technology Science Park of Granada (PTS) with **Kunming** in the design and implementation of the **Ciba Biotechnology Town** and of the **Kangmei Kunming Health City** involving also biomedicine and biotechnology researchers and private companies from Granada.
- Organization and execution of a joint International EU-China Biomedicine and Biotechnology Forum between Granada and Kunming involving also universities and clusters.
- Open **representative offices** in Kunming of the Technological and Biotechnology cluster **OnGranada** for soft landing program for the installation of Chinese technology and biotechnology companies in Granada and in the Kunming.
- Best practices shared and cities to benefit from knowledge sharing on Smart Cities practices.
- Pilots defined regard to Digital Twin, Smart Cities Planning, Silver Economy and Circular Economy.

#### Liuzhou:

- Participation of a delegation of Liuzhou institutions and companies' representatives in Granada International Forum to be held in November of 2020 and organized by Granada Chamber of Commerce.
- Universities Cooperation between Guangxi University of Science and Technology and Granada University: Mutual programs for the exchange and internship of students, professors and staff; joint research between Universities groups; impartation of Summer School courses in the counterpart University.
- Cooperation in the promotion of tourism between Granada and Haikou and in the implementation of smart and sustainable tourism good practices.





→ Participation of Liuzhou artists in world renowned music events celebrating in Granada: International Festival of Music and Dancing and International Festival of Ancient Music.

→ Open a **representation** office of Granada Chamber of Commerce in Liudong New District to support long-term implementation of pilot projects and to support other sectoral cooperation including smart tourism and digital technologies.

#### Haikou

→ Support the establishment of a Haikou-Granada Biotechnology and Health Park

#### Zhengzhou

→ Cooperation with several stakeholders from Zhengzhou for the collaboration in smart city topics, including the Chengang Group in Zhengdong New Area.

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

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