



# EU-CHINA SUSTAINABLE URBANISATION FLAGSHIP INITIATIVE



**STRATEGIC JOINT RESEARCH AND INNOVATION  
ACTIONS TO TURN CHALLENGES INTO  
OPPORTUNITIES FOR GROWTH, JOBS AND BETTER  
LIVING CONDITIONS FOR MILLIONS OF URBAN  
CITIZENS BOTH IN EUROPE AND CHINA.**

**Priority Areas of mutual interest for EU China research and innovation collaboration  
on Sustainable Urbanisation**

- 1. Sustainable Development and Urban Planning**
- 2. Nature-based Solutions for Cities**
- 3. Green Urban Mobility**
- 4. Sustainable Energy Solutions for Cities**

## URBANISATION FLAGSHIP – WORK PROGRAMME 2016/2017

Under the Horizon 2020 current work programme 2016/2017 eight topics are published under different societal challenges or Horizon 2020 pillars encouraging the participation of international – most importantly Chinese – institutions and researchers in the proposals.

<b>SPECIFIC TOPICS FLAGGED FOR INTERNATIONAL PARTICIPATION</b>	<b><u>ENG-GLOBALLY 08</u>: EU- China Cooperation on Sustainable Urbanisation</b> a) Cultural and socio- economic aspects of urban issues in China Stage 1: 02 February 2017 b) EU-China innovation platform on sustainable urbanisation Single Stage 1: 14 April 2016	<b><u>SFS 48</u>: Resource-efficient urban agriculture for multiple benefits / Contribution to the EU- China Urbanisation Partnership</b>  Stage 1: 14 February 2017 Stage 2: 13 September 2017
<b><u>SCC 02</u>: Demonstrating innovative nature-based solutions in cities</b>  Stage 1: 08 March 2016 Stage 2: 06 September 2016	<b><u>INFRAIA 01</u>: Integrating Activities for Advanced Communities</b>  Single Stage: 30 March 2016	<b><u>SC5 11</u>: Supporting international cooperation activities on water</b>  Single Stage: 08 March 2016
<b><u>MG 3.2</u>: Protection of all road users in crashes</b>  Stage 1: 26 January 2017 Stage 2: 19 October 2017	<b><u>MG 3.5</u>: Behavioural aspects for safer transport</b>  Stage 1: 20 January 2016 Stage 2: 29 September 2016	<b><u>GV 11</u>: Stimulating European research and development for the implementation of future road transport technologies</b>  Single Stage: 26 January 2016

## HORIZON 2020 – EU-CHINA CO-FUNDING MECHANISM (CFM)

On 16 December 2015 the Chinese Ministry of Science and Technology has launched its first call for proposals under the EU China Co-funding Mechanism (CFM) for Research and Innovation. Up to 200 million RMB, or 28 million euro, will be made available annually by the Chinese side for the benefit of China-based entities that participate in joint projects with European partners under Horizon 2020. Sustainable urbanization is one of the priority areas for the first CFM Call. Deadlines of the first call are 31 March and 31 July 2016

**Call:** [EU China Co-funding Mechanism \(CFM\) for Research and Innovation](#)

## COLLABORATION ON SUSTAINABLE URBANISATION IN FP7

Through targeted research and innovation actions in various interrelated topics surrounding cities (transport, environment, energy, urban planning etc.), the EU and China strive for cost-effective, integrated green solutions that provide multiple benefits, increase urban resilience to changes, and leverage costly problems into opportunities for growth, jobs and better living conditions for millions of urban citizens both in Europe and China.

### FP7 PROJECTS:

212 Partners in total

32 Partners from

CHINA

#### URBACHINA

Sustainable urbanisation in China: Historical and comparative perspectives, mega-trends towards 2050

<http://www.urbachina.eu>

#### VIAJEO

International demonstrations of platform for transport planning and travel information

[http://cordis.europa.eu/result/rcn/58649\\_en.html](http://cordis.europa.eu/result/rcn/58649_en.html)

#### VIAJEO PLUS

International Coordination for Implementation of Innovative and Efficient Urban Mobility Solutions

<http://viajeoplus.eu/>

#### URGENCHE

Urban Reduction of GHG Emissions in China and Europe

<http://www.urgence.eu/>

#### CARGOVIBES

Attenuation of ground-borne vibration affecting residents near freight railway lines

<http://cargovibes.eu/home>

#### BURBA

Bottom Up selection, collection and management of Urban waste

[http://cordis.europa.eu/project/rcn/97290\\_en.html](http://cordis.europa.eu/project/rcn/97290_en.html)

#### CITYZEN

Megacity - Zoom for the Environment

[http://cordis.europa.eu/project/rcn/88854\\_en.html](http://cordis.europa.eu/project/rcn/88854_en.html)

#### ISSOWAMA

Integrated Sustainable Solid Waste Management in Asia

<http://www.issowama.net/>

#### SUME

Sustainable Urban Metabolism for Europe

<http://www.sume.at/>

#### EURECOMP

Recycling Thermoset Composites of the SST

[http://cordis.europa.eu/project/rcn/90590\\_en.html](http://cordis.europa.eu/project/rcn/90590_en.html)

#### CASC

Cities and science communication: innovative approaches to engaging the public

<http://www.eucasc.eu/>

#### WISETRIP

Wide Scale network of E-systems for Multimodal Journey Planning and Delivery of Trip Intelligent Personalised data

<http://www.wisetrip-eu.org/>

#### PURGE

Public health impacts in urban environments of greenhouse gas emissions reduction strategies

<http://purge.lshhtm.ac.uk/>

#### CORFU

Collaborative research on flood resilience in urban areas

<http://www.corfu7.eu/theproject/>

# THE EU-CHINA URBANISATION FLAGSHIP INITIATIVE

## BACKGROUND INFORMATION

Research and innovation forms one of the 5 pillars of the [EU-China Partnership on Urbanisation](#) launched in 2012. [The EU-China Joint Workshop on Urban Innovation](#) held in the city of Foshan in May 2013 focused on topics of common interest surrounding sustainable development and urban planning, green urban mobility, and sustainable energy solution for cities. At the first [EU-China High Level Innovation Cooperation Dialogue](#) (ICD) of November 2013, sustainable urbanisation was confirmed as a joint priority. In December 2015, the Chinese Ministry of Science and Technology (MOST) published the first call for proposals for the [EU-China Co-funding Mechanism for Research and Innovation \(CFM\)](#). Sustainable urbanisation will be one of the priorities to be supported by MOST for year 2016.

through targeted research and innovation actions in various interrelated topics surrounding cities (transport, environment, energy, urban planning etc.), the EU and China strive for cost-effective, integrated green solutions that provide multiple benefits, increase urban resilience to changes and leverage costly problems into opportunities for growth, jobs and better living conditions for millions of urban citizens both in Europe and China. With the strong commitment to continue develop the research and innovation pillar of the EU-China Sustainable Urbanisation Partnership a package of actions launched under Horizon 2020 will promote innovative nature-based solutions for climate and water resilience in cities, inclusive urban regeneration, city planning and development, and a platform of sustainable urbanisation stakeholders. The Co-funding mechanism will provide momentum for a strong Chinese participation in these topics.

### EU DELEGATION TO CHINA:

**EU Delegation to China S&T Section:** [Delegation-China-Scitech@eeas.europa.eu](mailto:Delegation-China-Scitech@eeas.europa.eu)

**EU Delegation to China website:** [www.eeas.europa.eu/delegations/china/index\\_en.htm](http://www.eeas.europa.eu/delegations/china/index_en.htm)

**MINISTRY OF SCIENCE AND TECHNOLOGY (MOST):** [www.most.gov.cn](http://www.most.gov.cn)

**EUROPEAN COMMISSION:** <http://ec.europa.eu/research/iscp/index.cfm>



