

Sustainable and Liveable Cities and Urban Areas

Webinar April 3, 2018



*Europe-China Joint Call for Proposals
National Natural Science Foundation of China and JPI Urban Europe*

Agenda

- **10:00 Opening and welcome**
- **Introduction of NSFC & JPI UE**
- **Introduction to the call**
- **Introduction of eCall**
- **Q&A**
- **Ending and information on matchmaking possibilities**

<https://europe-china-joint-call.b2match.io>
<https://jpi-urbaneurope.eu/news/matchmaking-open/>

Background

NSFC – National Natural Science Foundation of China

- NSFC was created in 1986 for the management of the National Natural Science Fund
- Aimed at promoting and financing basic research and applied research in China





National Natural Science Foundation of China

NSFC – A Friend of Scientists
International Cooperation at NSFC

01

NSFC

The National Natural Science Foundation of China (NSFC) is an independent national institution founded with the approval of the State Council on February 14, 1986 to administrate the National Natural Science Fund from the Central Government.

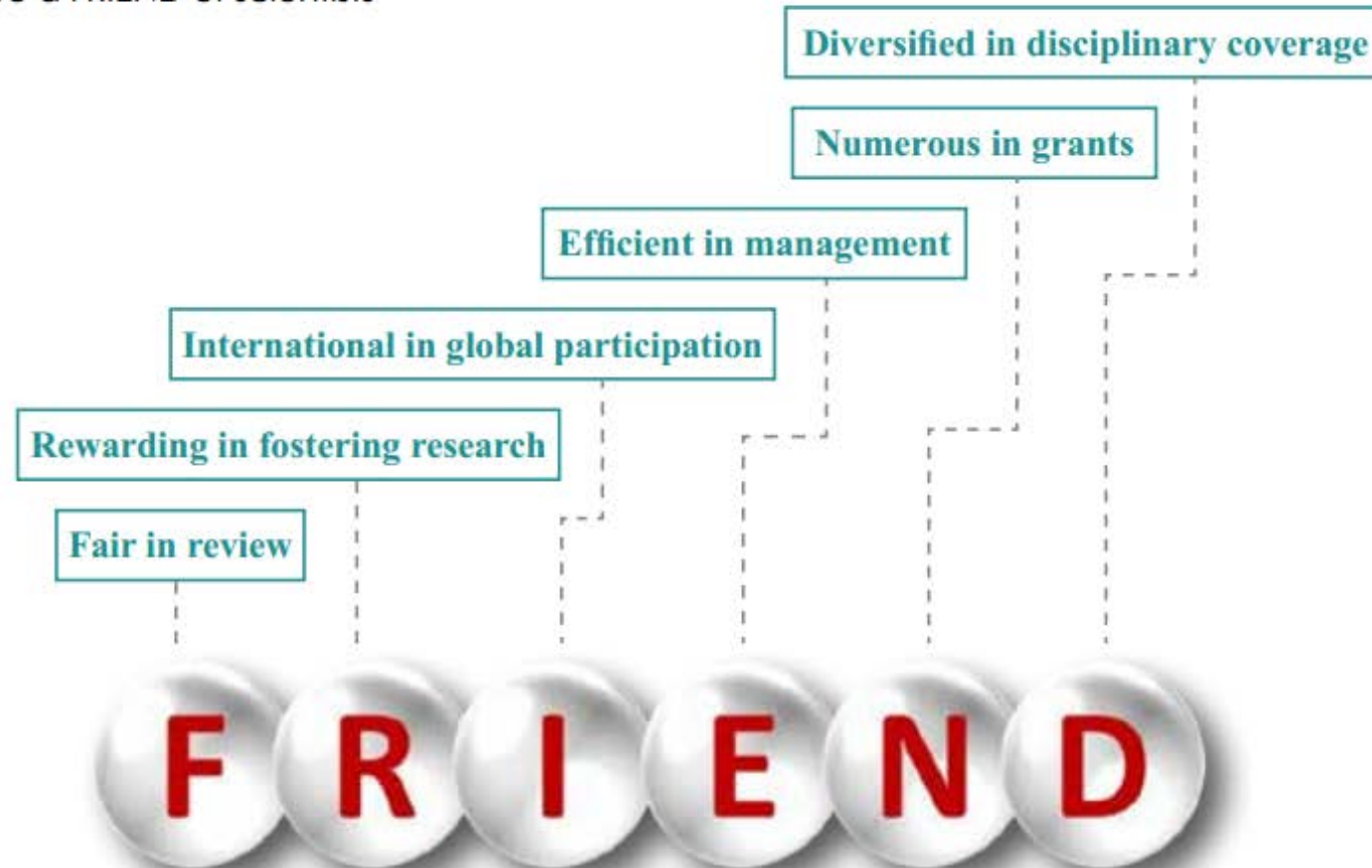
In 2017, NSFC funded 42224 awards with a total direct funding of 26.7 billion RMB (~3.4 billion Euro) to individual or groups of investigators in China. Over the years, NSFC has become one of the major funding sources for basic research in China.

Mission

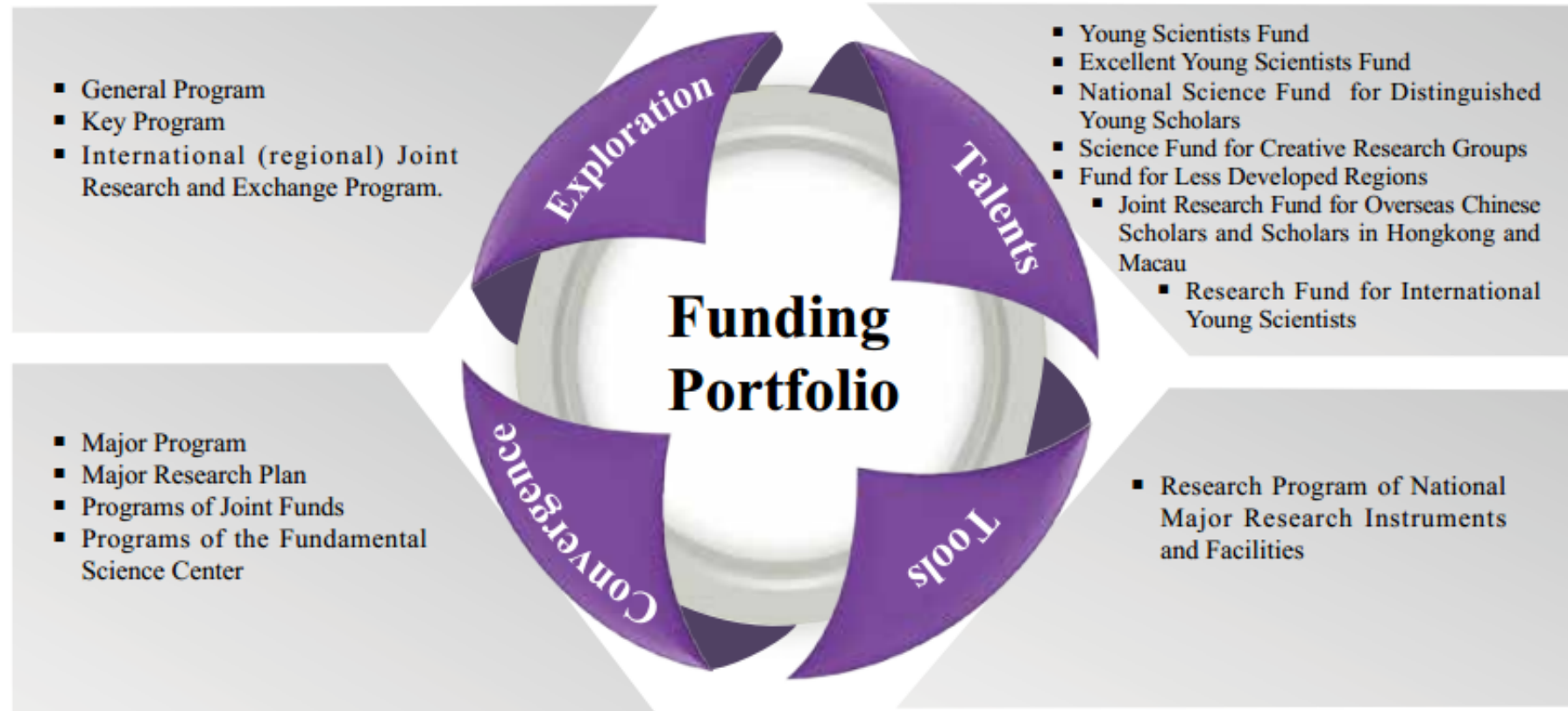


Vision

To be a FRIEND of scientists

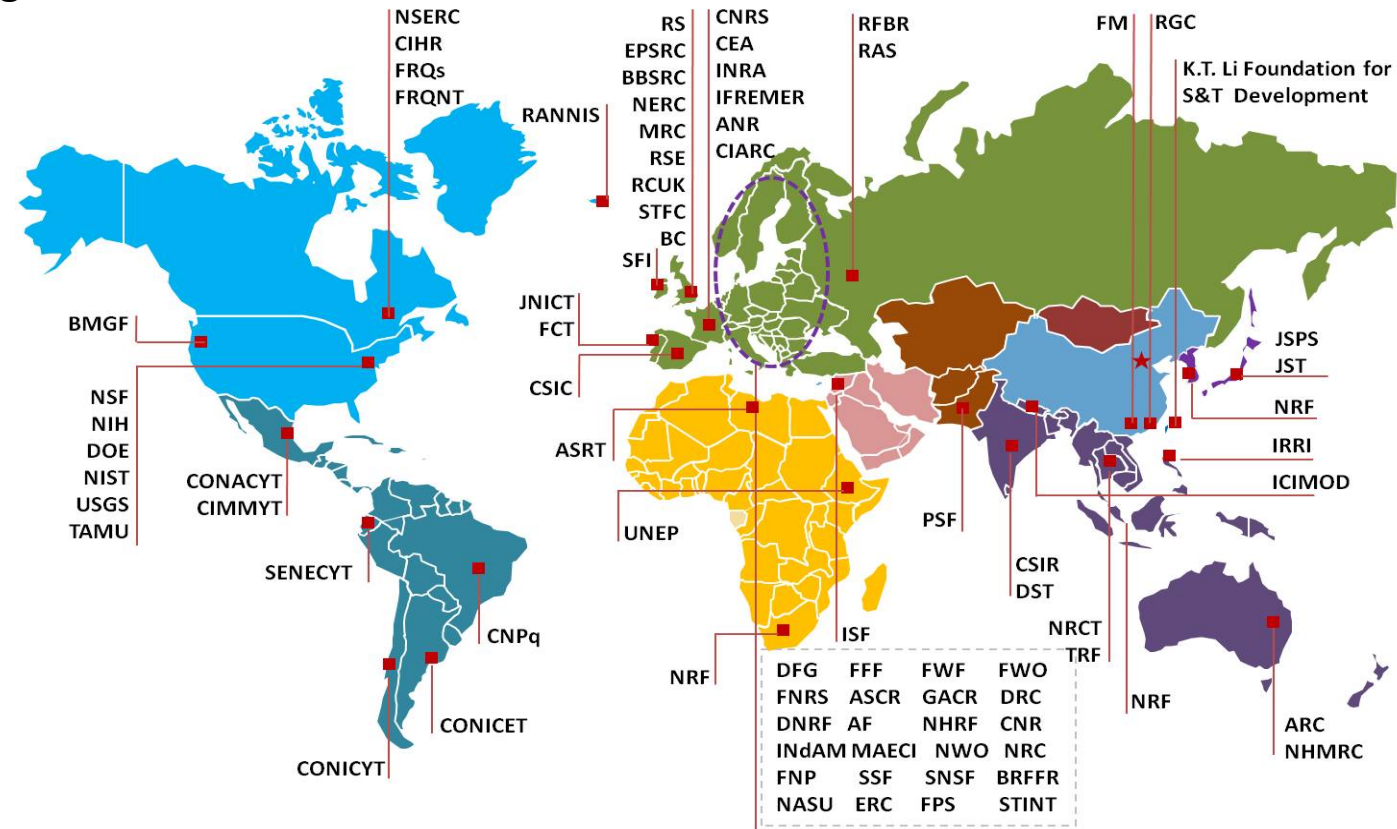


Funding Portfolio



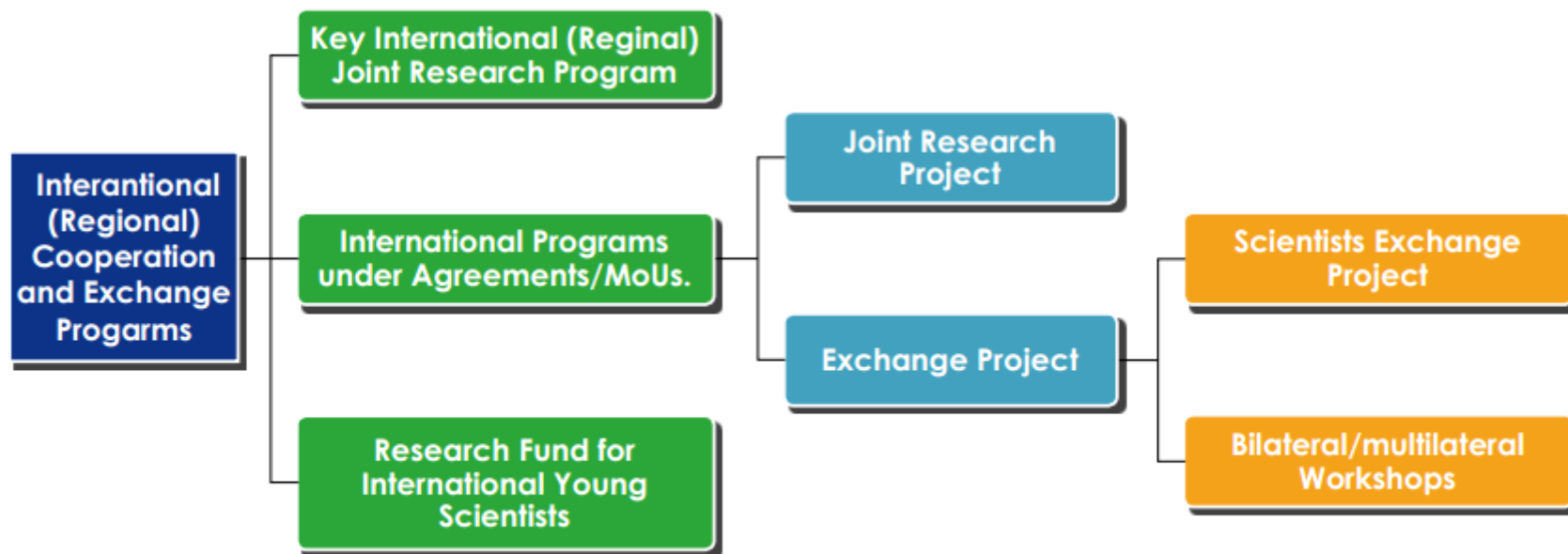
International Cooperation

NSFC has signed 91 cooperative agreements or MoUs with science funding agencies, national research institutions and international organizations in 49 countries and regions.



International (Regional) Cooperation and Exchange Programs

At present, the International (Regional) Cooperation and Exchange Program, of the NSFC are divided into three categories: 1) Key International (Regional) Joint Research Program, 2) International (Regional) Cooperation and Exchange Programs under Agreements/MoUs, and 3) Research Fund for International Young Scientists.



EUROPE-CHINA JOINT CALL: sustainable urbanization in the context of economic transformation & climate change

Requirements :

Chinese PI must be professor or associate professor of a host organization registered at NSFC (NSFC now has 2938 host organizations).

Chinese PI should have (had) a NSFC grant, either still running or completed.

Chinese consortium must have a minimum of two Chinese host organizations and a maximum of three Chinese partners.

Key dates:

20 June 2018 at 16:00 CST (The Chinese Host Organization must approve the completed application by the submission deadline).

Submission:

Chinese version of the proposal to be submitted via NISIS system (<http://isisn.nsfc.gov.cn/egrantweb/>), with the English version of the proposal attached. Besides online submission, a hard copy must be sent to NSFC.

JPI Urban Europe

- JPI Urban Europe was created in 2010 to address the global urban challenges of today, with the ambition to develop a European research and innovation hub on urban matters and create European solutions by means of coordinated research.
- JPI Urban Europe responds to the urgent need for ambitious, sustained and truly inter- and transdisciplinary research to radically improve our understanding of how socially, economically and environmentally sustainable our urban areas are
- JPI Urban Europe has 14 members and 6 observers.
More countries are involved in specific JPI Urban Europe activities.



The call

Sustainable and Liveable Cities and Urban Areas
Europe-China Joint Call for Proposals

Overview

- Established by JPI Urban Europe and NSFC
- Open 31 January 2018
- Application One-step
- Call budget 9.35 M€ on the European side, across the participating European funding agencies.
NSFC will fund the Chinese part of all projects.
- Countries 10

The basis of the call

- The cooperation is based upon the Strategic Research and Innovation Agenda (SRIA) of JPI Urban Europe and the 13th Five-Year Plan of NSFC
- As the main theme for this Pilot Call the issue of 'Sustainable Urbanisation in the Context of Economic Transformation & Climate Change' was selected

Aim of the pilot call

- Strengthen partnerships between European and Chinese researchers and urban stakeholders on urban sustainability
- Design and test a framework for cooperation and implementation of joint calls
- Initiate research and innovation projects to support the development of a longer-term roadmap for joint calls and cooperation

Thematic areas

In support of to the global framework of the Sustainable Development Goals (SDGs), in particular SDG 11 on Sustainable Cities and Communities, the Pilot Call is designed to address the following three main thematic areas:

- Reduce the adverse environmental impact of cities, paying special attention to the quality of air, water and soil, and municipal and other waste management;
- Access to safe, affordable, and sustainable housing, transportation and basic services; and
- Integrated policies towards inclusion, resource efficiency, mitigation and adaptation to climate change and resilience to disasters.

Call topics

Sustainable and Liveable
Cities and Urban Areas

A

Climate change
and new urban
economies

B

Transformation
of energy systems
and strengthen urban
circular economies

C

Urban public
administration
and services
innovation

+

Urban data
management



Full details on the three topics and the fourth cross-cutting topic on integrated urban data management is in the call text and in the information flyer.



Type of projects wanted

Projects that:

- Enhance cities' and urban areas' capacities for sustainable urbanisation and the required urban transition processes; and
- Create knowledge and evidence for feasible urban transitions pathways under different regional and local conditions (e.g., cultural, climate, economic).

Who can apply?

Potential applicants, according to the rules of the participating funding organisations:

- Researchers from Chinese and European universities
- Research institutes
- Research and technology organisations (including municipal research institutes)
- Cities and city planning departments
- European companies

Part of JPI Urban Europe

- Projects funded via this call will become part of the programme of JPI Urban Europe
- Projects participants will actively participate in the programme activities held by JPI Urban Europe
- The programme includes various joint programme activities such as knowledge sharing and networking

Submitting a proposal



Registration deadline

12 April 2018 at 2:00pm CET / 14:00 CET (Europe)

12 April 2018 at 16:00 CST (People's Republic of China)

Submission deadline full proposals

20 June 2018 at 2:00pm CET / 14:00 CET (Europe)

20 June 2018 at 16:00 CST (People's Republic of China)

Consortia, duration and budget

- **Minimum consortia requirements:**
applications will include partners from at least two European countries and China
 - **Two or three Chinese partners** (different institutions)
coordinated by one principal investigator
 - **a minimum of two European partners**
from different European countries
- **Project duration:** 3-4 years
 - if European PhD students or post-docs are involved it can be 4 years
- **Available budget:**
 - up to 9 M€ on the European side
 - On the Chinese side, NSFC will fund approved projects

Joint research, coordination and support projects

- Joint research projects and coordination and support actions
- **Focus**
 - A one-stop system for European and Chinese researchers to apply for joint funding
 - Integrated collaboration between partners
- **Practicalities**
 - One single integrated proposal per project
 - A coordinated peer review; a single common and binding selection process; a single selection committee
 - National funding - each funding agencies funds the applicants in that country

Project Partners and Call Budgets

Country (funding agency)	Indicative call budgets	Budget / project
		Number of projects (indicative)
People's Republic of China (NSFC)		RMB 2.5 million for the total costs, and RMB 2.0 million for the direct costs, no more than 10 projects
Austria (FFG)	M€ 1.5	4-5 projects
Belgium (F.R.S.-FNRS)	M€ 0.2	1 project
France (ANR)	M€ 1.0	k€ 300 / project, 4-5 projects
Latvia (IZM)	M€ 0.3	1-2 projects
The Netherlands (NWO)	M€ 1.5	max. k€ 280 / project, 4-6 projects
Norway (RCN)	M€ 1.2	max. k€ 500 / project, 3-5 projects
Poland (NCN)	M€ 0.5	
Sweden (SWEA)	M€ 1.0	3 projects
UK (ESRC)	ca. M€ 2.15	5-6 projects

Key dates



31 January 2018

Launch of joint call



12 April 2018, 2:00 CET / 14:00 CET (Europe)
12 April 2018, 16:00 CST (China)

Registration deadline



20 June 2018, 2:00 CET / 14:00 CET (Europe)
20 June 2018, 16:00 CST (China)

Submission deadline full proposals



July 2018

Eligibility check

August – October 2018

Assessment full proposals



November 2018

Funding recommendations
National funding decisions



December 2018

Grant negotiations completed
Successful proposals announced



January-April 2019
1 March 2019

Start of projects on European side
Start of projects on Chinese side

Participating funding agencies

China	National Natural Science Foundation of China (NSFC)
Austria	Austrian Research Promotion Agency (FFG)
Belgium	Fonds de la Recherche Scientifique (F.R.S.-FNRS)
France	L'Agence nationale de la recherche (ANR)
Latvia	Ministry of Education and Science (IZM)
The Netherlands	Netherlands Organisation for Scientific Research (NWO)
Norway	The Research Council of Norway (RCN)
Poland	National Science Centre (NCN)
Sweden	Swedish Energy Agency (SWEA)
United Kingdom	Economic and Social Research Council (ESRC)

Submission



















- The European coordinator has to register and submit a proposal by means of the FFG electronic submission system (<https://ecall.ffg.at>). An online help document for submission is provided via <https://ecall.ffg.at/Cockpit/Tutorial.aspx?target=6079134>. The registration and full proposal may only be submitted if all European partners have previously completed and submitted their partner proposals in eCall. Therefore it is within the main applicant's duties to ensure timely submission of all partner proposals and of the registration ("short application") and full proposal as a whole.
- Chinese parties submit a Chinese version to the NSFC system, with the English version attached. NB: This only applies to the proposal, for the registration on April 12 this is not necessary.

Please complete your **master data**, you can conduct more quickly the submission of an application as a result.

[Manage my projects](#)


Please click on the title of the Call to create an application


Filter:


Call	Info	Submission deadline
AAL 2018		28.05.2018 17:00
AT:net, 5. Ausschreibung 2018		23.04.2018 12:00
Basisprogramm Einzelprojekte von Unternehmen mit online Kostenerfassung		
benefit 2017		17.04.2018 12:00
Breitband Austria Connect 2018		laufende Ausschreibung
Bridge - 27. Ausschreibung		03.04.2018 16:00
CEDR 2017 Automation		01.03.2018 12:00
CEDR 2017 Collaborative Planning		01.03.2018 12:00
CEDR 2017 New Materials		01.03.2018 12:00
COIN - Programmlinie Netzwerke 10. Ausschreibung		23.02.2018 12:00
COMET-Zentren (K1) 5. Ausschreibung Competence Centers for Excellent Technologies, COMET-Zentrum (K1) 5.Call: FP1		04.05.2018 12:00
Early Stage Frühe Forschungsphasen von schnell wachsenden Unternehmen		
Patent.Scheck		
Produktion der Zukunft 25. Ausschreibung		17.05.2018 11:00
Projekt.Start Vorbereitung von F&E-Projekten		
Stadt der Zukunft 5. Ausschreibung 5. Ausschreibung Stadt der Zukunft - Auf dem Weg zum Plus-Energie-Quartier		27.02.2018 12:00
Sustainable Urbanisation (Europe-China) JPI Urban Europe-China Joint Call		Deadline for Registration: 2018-04-12
TAKE OFF Ausschreibung 2017		28.02.2018 12:00
Talente: FEMtech Karriere 2017		31.12.2020 00:00
Talente: FEMtech Karriere-Check für KMU		
Talente: Praktika für Schülerinnen und Schüler 2018		27.07.2018 12:00


eCall Master Data Completion and Call Selection (ONLY Application Coordinator)


eCall Starting Page Master Data




 Start

 Projects

 Messages

 Organisation

 Settings

Organisation
Please complete your [master data](#). You can conduct more quickly the submission of an application as a result.

Master data

Annual Data

De minimis

User Management

Staff pool

Bank details

Menu

Company / Organisation

Contact person

Finalization

Company / Organisation

Formular Info

Please enter your organisation's details here. These details are saved in the system and will be used again for future submissions bearing this user identification. Different details will be requested depending on the type of organisation.

[User guide to the SME Definition](#)

Company / Organisation

Type of organisation: *

University

Master Data ID:

9257941

VAT deductibility: *

☐ Yes

☒ No

University: *

Institute: *

Complete Name:

,

Scientific discipline-group: *

5 Social Sciences

Scientific field: *

eCall Starting Page Call

Sustainable and Liveable
Cities and Urban Areas

Deutsch | Tutorial | **FFG** | Feedback



Start



Projects



Messages



Organisation



Settings

Application ID:
16928041

Call:
Sustainable Urbanisation (Europe-China)

Status:
Short application in progress

Role:
Project Manager (Lead)

Logged in as

Please complete your [master data](#). You can conduct more quickly the submission of an application as a result.

Menu	Hide x
Information	
Project data	!
Partners	!
Finalization	
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Information

In answer to the global urbanisation challenge, NSFC and JPI Urban Europe have agreed to a long-term cooperation under the strategic theme Sustainable Urbanisation in the Context of Economic Transformation and Climate Change. The pilot call is a joint initiative of nine European funding agencies participating in JPI Urban Europe and NSFC in China.

In the call the following three thematic themes will be addressed: a) Reduce the adverse environmental impact of cities, paying special attention to the quality of air, water and soil, and municipal and other waste management; b) Access to safe, affordable, and sustainable housing, transportation and basic services; and c) Integrated policies towards inclusion, resource efficiency, mitigation and adaptation to climate change and resilience to disasters. These themes are the basis for the **call topics**:

1. **Climate change and new urban economies;**
2. **Transformation of energy systems and strengthen urban circular economies;**
3. **Urban public administration and services innovation; and**
4. **Urban data Management**

The call will invite researchers from Chinese and European universities, research institutes, research and technology organisations (including municipal research institutes), cities and city planning departments, as well as European companies.

The total funding available in this programme is approximately M€ 9.35 on the European side, across the participating European funding agencies from Austria, Belgium, France, Latvia, the Netherlands, Norway, Poland, Sweden and the United Kingdom. NSFC will fund the Chinese part of all projects.

Submission of Proposals

Registrations may only be submitted electronically via eCall. The registration consists of administrative data (to be entered via eCall) and the consortium overview sheet. Detailed information is given in the call text. All relevant documents for the submission of the registration and the full proposal may be retrieved from the website <https://jpi-urbaneurope.eu/calls/sustainable-urbanisation-china-europe/> and from the websites of the participating agencies respectively (see Annex A of the call text).

Call Deadline

Registrations must be **completed until April 12, 2018, 14:00 hours CET** via eCall

The registration may only be submitted if all partners have previously completed and submitted their partner proposals in eCall. Therefore it is within the main applicant's duties to ensure timely submission of all partner proposals and of the registration as a whole. It is not possible to resubmit the registration or parts of it or to revise the registration after the deadline.

By transmitting your registration and proposal, you agree that it is forwarded to your responsible funding agency as well as to all other participating funding agencies involved in the Sustainable Urbanisation Europe-China Joint Call.



URBANEUROPE

eCall Project Core Data (ONLY Application Coordinator)

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Core data of the project

Project Manager

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Core data of the project

Formular Info

Please enter here your data concerning the planned project according to the definitions of the application documents.

Core data of the project

Project Type *

Fundamental and applied research

Topic: *

Topic 3. Urban Public Administration and Services Innovation

Short title of the project: *

Planned start of project: *

Full title of the project: *

Duration in months: *

Project related keywords: *

Executive Summary

Abstract (english): *

<<

Save

>>

Cancel

eCall **European** Project Partners Invitation (ONLY Application Coord.)

Sustainable and Liveable
Cities and Urban Areas

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Partners

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General advice:

Please follow the advice in the guidelines for successful application in a call.

The completed electronic version of the application, which can be printed after submission, consist of the following parts:

- Core data of the applicant (edited by applicant)
- online Application (edited by applicant)
- Core data of consortium partners (edited by each partner)
- online partner application (edited by each partner)

The applicant (leader of the consortium) names the participating partners within the application and sends them the necessary access and identification data. The partners fill in their core data as well as the short partner application, and thereby confirm their participation in the application. Only by submitting the partner application the participation in the application is stated in a valid form. The applicant can only submit the application when all participating partners have submitted their partner application.

Two stage selection procedure:

Calls with a two stage selection procedure re-open the application after a positive evaluation of the short application. All data that were submitted with the short application will be available and can therefore be edited and completed for submission of the full proposal. The main applicant finally has to submit the full application by the end of the call.

Advice for Applicants / Leader of Consortium:

All fields in the tab „Partner“ in the application have to be filled and saved. You have to send an email by clicking the link „Click here to send data to your partner“ to each partner to invite them in participating in the application. If you want to send an e-mail in German, please chose „German“ as your portal language The email contains an individual link for the partner to submit his partner application. Next to this link you find a check box that allows you to document the sending of emails! Here you can also follow the progress of the individual partner applications. Once all invited partners have submitted their partner application, the application can be submitted.

Advice for Partners:

You have received an email from the applicant (leader of the consortium) to participate in an application. Please click on the link.

To fill in and submit your partner application, please follow the advice within the eCall.

To confirm your participation in the application, please proceed as following: Once you have filled in and saved your core data, you can submit your application.

Partners of the Consortium

Create new partner

Refresh

Company /
Organisation ▲

Role of partner

informed

disinvited

Status



URBANEUROPE

eCall **European** Project Partners Invitation (ONLY Application Coord.)

Create new partner*

Close ✕

Description of the partner

Name of company / organisation: *

Role of partner: *

Scientific Partner ▼

E-mail of the recipient of the partner invitation: *

Create Partner and keep details open

Check Input

Close

Save

Save & New



URBANOEUROPE

Sustainable and Liveable
Cities and Urban Areas

More information: The call secretariat



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[The call page](#)

[List of national contact points](#)



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www.nsfc.gov.cn

