**ERA-Net Urban Accessibility and Connectivity Sino-European Call for Proposals**

**Full Proposal: Consortium and General Information[[1]](#footnote-1)**

*Don’t forget: applications need to be submitted by both the Chinese Main Applicant to NSFC, along with the Chinese application, and by the European Main Applicant via UDiManager!*

*The information in questions 1-3 should also be entered directly into UDiManager. Please complete the information for these questions both in UDiManager and in this application form. This application form must be uploaded as one unprotected PDF file (document generated from a word processor file to a PDF, not a scanned document).*

*N.B.: Questions and comments in blue may be overwritten or deleted. Please stick to the following formatting requirements: font size: 10 pt, line spacing: 1.15. Both formatting requirements as well as the maximum number of pages (specified in the respective chapters) help the Expert Panel members to read and compare the proposals, and ensure a fair assessment for all applications.* ***Please note that you will be asked by the Call Secretariat to shorten your proposal after submission if the intended page limit is exceeded.***

# Project Overview

[*General information should also be inserted in the online submission system UDiManager at* [*uefiscdi-direct.ro*](https://uefiscdi-direct.ro/)]

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Short Title/Acronym**: | | | |
| **Project Full Title**: | | | |
| **Project Coordinator/Main Applicant** **Europe**(*Organisation + name of the European main applicant*): | | | |
| **Project Coordinator/Main Applicant China (***Organisation + name of the Chinese main applicant)***:** | | | |
| ***NSFC reference code****(申请代码):*  ***Supporting NSFC Grant No.****（依托基金）:* | | | |
| ***Call topics:*** *(tick relevant call topic(s). You may select both if applicable)*  Topic 1: Sustainable Urban Logistics in the Age of Digitisation  Topic 2: Strengthening Climate-neutral Mobility | | | |
| Keyword 1:  Keyword 2:  Keyword 3: | | | |
| Total project costs in EUR: |  | Requested funds in EUR: |  |
| Total project costs Chinese side (RMB): |  | Requested funds Chinese side (RMB): |  |
| *Total project costs should include any co-funding* | | | |
| Duration of the project in months (max. 36): |  | Total effort in person months: |  |
| Expected start (European side: | [*MM.YYYY*] | Expected start (Chinese side): | [*MM.YYYY*] |
| Expected end (European side): | [*MM.YYYY*] | Expected end (Chinese side): | [*MM.YYYY*] |

# Abstract

*[Information should also be inserted in the online submission system at* [*uefiscdi-direct.ro*](https://uefiscdi-direct.ro/)*]*

*Short presentation of project content and aims (max. 200 words). The abstract should make clear the project’s aims.*

# Project Consortium

*Please complete the information about the consortium both in UDiManager and in this form. When completing this information in UDiManager, please carefully choose the number of partners involved in the pre-proposal. Indicate a lead co-applicant if this is required by the eligibility rules of the co-applicants’ national funding agency.*

*Please note: for the purposes of this table, the project coordinators should be the same as the main applicants on respectively the Chinese and European side.*

*[Information should also be inserted in the online submission system at* [*uefiscdi-direct.ro*](https://uefiscdi-direct.ro/)*]*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Organisation | Type of organisation[[2]](#footnote-2) | Country / Funding agency | Contact Person (first name and family name) |
| Project Coordinator[[3]](#footnote-3)/Main Applicant Europe |  |  |  |  |
| Project Coordinator/Main Applicant China |  |  |  |  |
| Project Partner 2[[4]](#footnote-4) |  |  |  |  |
| Project Partner 3 |  |  |  |  |
| Project Partner 4 |  |  |  |  |
| Project Partner 5 |  |  |  |  |

*Please insert additional rows if necessary: place cursor in last row and select “Table 🡪 insert 🡪 row below” from the menu bar.*

# Problem statement, Project Objectives and Targets (max. 5 pages)

## Problem statement

4.1.1 Societal problem

*What is the societal problem that the project addresses?*

4.1.2 Causes

*What are the causes of the problem? Which (part of) these cause(s) is related to a lack of knowledge? What is the need for e.g. city management or what are the needs for the citizens?*

4.1.3. Assumptions

*Specify at least two assumptions that are made in the formulation of the problem and its causes. Assumptions are often unvoiced or presumed. Making them explicit contributes to a shared image of the problem and its causes.*

## Intended societal impact

4.2.1 Societal impact

*Describe the intended societal impact where the program wants to contribute. Societal impact is defined as cultural, economic, industrial, ecological or social changes that are (partly) the result of research-generated knowledge and skills.*

4.2.2 Assumptions

*Specify at least two assumptions that are made in the formulation of the societal impact.*

## Project aims, objectives and targets, positioning with respect to the state of the art, existing knowledge or solutions and other recently completed or on-going comparable projects

*Give a detailed description of the project aims, objectives, targets and planned results based on the description of the initial situation and the societal/ social, economic, environmental, or technological problems and challenges related to the call topic(s) and to be solved in the project. Link this clearly to your problem analysis and desired societal impact as defined above.*

*Clearly point out the innovative aspect in your approach taking into account the state of the art/knowledge (improvements from existing solutions/conditions, originality of approach, degree of novelty, technological leap). Indicate how it is positioned with respect to the state of the art and, how it builds on and complements existing knowledge and experiences as achieved in earlier relevant European, national and regional research and innovation (R&I) programmes, pilots and test implementations and field labs.*

## Project realisation

*Describe how the project proposes to tackle the above mentioned topic(s). Comprehensibly describe the conceptual (scientific and/or technical) approaches you intend to use to achieve the defined goals and expected results.*

# Key activities and work programme description

*A detailed work plan should be presented, broken down into work packages[[5]](#footnote-5) (WPs) which should follow the logical phases of the implementation of the project, and include consortium management and assessment of progress and results (please note that your overall approach to management will be described later, in section 8)*

*Please present your plans as follows:*

*i) Describe the overall strategy of the work plan* ***(max. 1 page)***

*ii) Show the timing of the different WPs and their components (Gantt chart or similar,* ***max 2 pages****)*

*iii) Provide a detailed work description broken down into work packages:*

* + - *Work package list (please use table 7.1)*
    - *Deliverables list (please use table 7.2)*
    - *List of milestones (please use table 7.3)*
    - *Description of each work package (please use table 5.4,* ***max. 1 page*** *per work package)*

*iv) Describe any significant risks, and associated contingency plans* ***(max. 1 page)***

* + - *Note: The number of work packages used must be appropriate to the complexity of the work and the overall value of the proposed project. The planning should be sufficiently detailed to justify the proposed effort and allow progress monitoring.*

*Use Tables 5.1, 5.2, 5.3, 5.4 provided below.*

## Table 5.1: Work package list

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Work package No**[[6]](#footnote-6) | **Work package title** | **Lead  project partner No**[[7]](#footnote-7) | **Lead project partner short name** | **Person-months**[[8]](#footnote-8) | **Start month**[[9]](#footnote-9) | **End month** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  | TOTAL | |  |  |  |

## Table 5.2: Deliverables List

|  |  |  |  |
| --- | --- | --- | --- |
| **Del. no.**[[10]](#footnote-10) | **Deliverable name** | **WP no.** | **Delivery date**[[11]](#footnote-11) |
|  |  |  |  |
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## Table 5.3: List of milestones

*Milestones are control points where decisions are needed with regard to the next stage of the project. For example, a milestone may occur when a major result has been achieved, if its successful attainment is required for the next phase of work.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone number** | **Milestone name** | **Work package(s) involved** | **Expected date [[12]](#footnote-12)** |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

## Table 5.4: Work package description (max. 1 page per work package)

*For each work package:*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Work package number** |  | | **Start date or starting event:** | | | |  | | |
| **Work package title** |  | | | | | | | | |
| **Project partner number** |  |  | |  |  |  | |  |  |
| **Project partner short name** |  |  | |  |  |  | |  |  |
| **Person months per applicant:** |  |  | |  |  |  | |  |  |
| **Objectives** | | | | | | | | | |
| **Description of work** (possibly broken down into tasks) and role of applicants | | | | | | | | | |
| **Deliverables** (brief description and month of delivery) | | | | | | | | | |

# Relevance and impact pathway

## 7.1 Relevance – Contribution of the project to the aims and expectations of the call (max. 1 page)

*Describe how and to what extent the project addresses the chosen call topic(s). Furthermore, describe how the project contributes to the aims and expectations of the call.*

## 7.2 Impact Pathway (narrative max. 1 page, schematic max 2 pages)

*Please present schematically the expected contribution of the project to the desired impact by completing the Impact Pathway diagram in Format A (max 2 pages). Specify user groups / stakeholders and required changes in behaviour, policies, activities or relationships of stakeholders at the level of outcome (who will do what differently following the insights from your research); all partners and stakeholders should be included. Please note the lay-out of the diagram is indicative and that variations to this diagram are allowed, as long as all categories of the diagram (output, outcome and impact) remain included.*

*Include a narrative description of the elements in the Impact Pathway (max 1 page). Who needs to do what differently to reach the impact your project wants to contribute to, and which insights from your project will help with that? State which assumptions are made by the various consortium partners underlying the problem statement and the Impact Pathway, as well as risks associated to these assumptions being tested. Elaborate on how false assumptions and resulting risks could stand in the way of the project’s success and provide a brief description of an alternative plan in case such unforeseen events occur.*

*Please note: Both the narrative and the Impact Pathway diagram must align with your project description in the previous sections.*

## 7.3 Productive interactions (1 page)

*Productive interactions are exchanges between researchers and stakeholders in which knowledge is produced and valued that is both scientifically robust and socially relevant, such as co-design and co-creation. They run throughout and support your Theory of Change. In this section, describe how productive interactions will be conducted.* *Conducting a stakeholder analysis could be useful to identify which consortium partners and other stakeholders are key and need to be engaged in the formulation and execution of the project. Stakeholder analysis should be a joint effort with all consortium partners.*

## 7.4 Strategic Activity Planning (2 pages)

*Please provide a strategic activity plan, which contains descriptions of what activities you will undertake to make more likely that the insights from your research lead to changes in behaviours, policies, activities etc. of important stakeholders. Include the following sections:*

*i. Stakeholder engagement*

*Describe how productive interactions with stakeholders are strategically organised from inception onwards and how stakeholder approaches will be adjusted throughout project execution. This should include the research process from joint identification of the problem to be tackled and joint formulation of the research questions up until the uptake of acquired knowledge, insights and innovations.*

*ii. Communication*

*Describe how communication between consortium partners, with stakeholders and with wider audiences is embedded throughout the research process, the strategic objectives, which means of communication are used and how a reflective approach is embedded.*

*iii. Monitoring, Evaluation and Learning*

*Provide the objective of the Monitoring, Evaluation and Learning strategy. Describe how activities will be monitored throughout programme execution, how learning is documented and embedded and how feedback loops will be facilitated throughout project execution. Elaborate on how this reflective approach is integrated activities.*

*iv. Capacity strengthening*

*Describe how capacities that are needed to enhance the potential for outcomes will be identified and strengthened, by which methods and how a reflective approach is embedded in the planning and organisation of such activities.*

Format A: Complete Impact Pathway diagram with indicators at output and outcome level (max. 2 pages)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Research outputs:  *insights* | Indicators: |  | Research outcomes: | Indicators: |  | Impact |
|  |  |  |  |  |  | 1. |
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|  |  |  |  |
|  |  |  |  |  |  | 2. |
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# Quality of consortium and Sino-European collaboration

# Individual project partners (1 page per partner)

*For each partner in the proposed project, provide a brief description of the legal entity, the main tasks they have been attributed, and the previous experience relevant to those tasks, including a brief CV and main output products, such as published refereed and non-refereed articles, letters (to editors), books, book chapters, pre-prints, patents, working papers, proceedings, conference reports, software, code and open access databases, or policy briefs. For the main output products, please substantiate how the chosen output products show the suitability of the applicants’ expertise and how it is relevant to research, society and/or your research idea. If applicable, include a description of previous work with cities, urban public authorities and other relevant stakeholders. Provide also a short profile of the staff members who will be undertaking the work. (Maximum length for Section 8.1:* ***one page per project partner, including CV****. However, where two or more departments within an organisation have quite distinct roles within the proposal, one page per department is acceptable. The maximum length applying to a legal entity composed of several members, each of which is a separate legal entity, is one page per member, provided that the members have quite distinct roles within the proposal.)*

*Please also include the Cooperation Partners in this part.*

*Subcontracting: If any part of the work is to be subcontracted by the applicants responsible for it, describe the work involved and explain why a subcontract approach has been chosen for it.*

## Consortium collaboration (max 1 ½ pages)

*In this section, describe the consortium roles and the added value of the collaboration, including the following aspects:*

*- Describe how the proposal is rooted in the needs of the consortium partners and stakeholders (co-design).*

*- Describe why and how these consortium partners are involved and what their role and contribution is in the consortium, the roles each would have in the research execution and the benefit of the collaboration.*

*- Describe the complementarities in the (disciplinary) expertise of the consortium partners (along the knowledge chain, variety of disciplines) and how these specific disciplines contribute to tackle the problem. Think of your project’s interdisciplinary collaboration (including the integration across the natural sciences, social sciences, and technical sciences) and transdisciplinary collaboration (integrating knowledge from outside the scientific community) and co-creation.*

*A written commitment (Letter of Intent) from Cooperation Partners, participating with their own funding or with an in-kind contribution must be submitted with the full proposal.* *This letter of intent can be uploaded in UDiManager when submitting the full-proposal.*

# Diversity Aspects (including gender dimension) or specific populations’ consideration (max. 1 page)

*Describe the ways in which gender and other diversity perspectives are taken into consideration. Also describe the diversity of the project consortium.*

# Added value of Sino-European cooperation (max. 1 page)

*Describe the added value of the planned international, and in particular Sino-European, cooperation with regard to the objectives of your project.*

# Management structure and procedures (max. 1 page)

*Describe the organisational structure and decision making mechanisms of the project. Show how they are matched to the complexity and scale of the project.*

## Consortium experience and complementary with other projects of the partners

*Please explain the differences and complementarity to max. 5 other projects carried out by the consortium partners in the past three years. Include in particular all ongoing and completed projects of thematic relevance. Special focus should be placed on the results you intend to use for your project and potential synergies.* ***Use the table below*** *to provide the relevant information:*

Table 8.1: Existing results and deliverables obtained from publicly funded projects which provide the basis of or feed into the proposed project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Funding provider** | **Project number** | **Title** | **Description of results already obtained and relevant deliverables (verifiable results / products of research, development and innovation work) in terms of the basis for / differentiation from the proposed project** | **Location and type of documentation**  **(e.g. link to homepage, publication, conference proceedings, interim report, final report, …)** |
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# Ethical and regulatory considerations (max. ½ page)

*If relevant, please describe possible ethical and/or regulatory issues and considerations including authorisation requirements (scientific ethics, data security and use of laboratory animals or other) and handling of health, environmental or ethical issues associated with the project. If relevant, you can refer to (or elaborate in) the data management section.*

# Data Management (max. ½ page)

*Provide a brief outline of the data management strategy you plan to implement within your project (see also Annex B of the call text).*

1. **Financial information (budget breakdown)**

*Please fill in the information on* [*uefiscdi-direct.ro*](https://uefiscdi-direct.ro/) *as well as in this form. This section is dedicated to the budget planning for your project. Please carefully check all the information introduced and press the “Save” button after introducing data for each applicant, to make sure your final financial data is correctly displayed.*

*PLEASE NOTE: applicants may be required to submit a budget directly to their funder as well. The budget requested by the Chinese side should not be entered into UDiManager, but only in table 2 below. In UDiManager, please only submit the total requested funds for the Chinese partners.*

*Table 1:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Organisation | | Country / Region Funding agency | | Costs (EUR; *including overhead costs according to the  applicable funding agency’s rules*) | | | | | | | | | | | | | | Cost share per partner (in %) | | Total effort in person months per partner | Partner contribution in EUR | Requested funding in EUR | Funding rate requested (in %) |
| *Personnel costs* | | *R&D equipment, infra-structure use* | | *Costs of materials* | | *Subcontracting, third-party costs* | | | *Travel costs* | | Overhead costs | Total | |
| *[Project Coordinator/ Main Applicant:]* | |  | |  | |  | |  | |  | | |  | |  |  | |  | |  |  |  |  |
| *[Project Partner 2:]* | |  | |  | |  | |  | |  | | |  | |  |  | |  | |  |  |  |  |
| *[Project Partner 3:]* | |  | |  | |  | |  | |  | | |  | |  |  | |  | |  |  |  |  |
| *[Project Partner 5:]* | |  | |  | |  | |  | |  | | |  | |  |  | |  | |  |  |  |  |
|  |  | |  | |  | |  | |  | |  |  | |  | |  |  | |  | | | |

*Please insert additional rows if necessary: place cursor in respective row and select “Table 🡪 insert 🡪 row below” from the menu bar.*

*Please insert an overview of the Chinese budget below, as well as in the application you submit to NSFC.*

*Table 2:*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project costs (RMB and euros): | Year 1 | Year 2 | Year 3 | TOTAL |
| Give a description of the project costs, specified. |  |  |  |  |
|  |  |  |  |  |
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|  |  |  |  |  |
| TOTAL |  |  |  |  |

# Justification of resources (max. 1 ½ pages)

*Please motivate the projected costs as indicated in the Financial Information section (budget breakdown).*

# References (max. 2 pages)

*Add the bibliographic references of works cited in your application.*

**Annexes:**

*Please include the letters of commitment (****max 1 page*** *per participating organisation).* ***Do not include any other annexes****. CVs should be included in the 1 page per partner for question 8.1 and* ***not*** *added as separate annex.*

1. Detailed financial information must be given in the Financial Information section on [*uefiscdi-direct.ro*](https://uefiscdi-direct.ro/) [↑](#footnote-ref-1)
2. Type of organisations: SE = small enterprise; ME = medium-sized enterprise; LE = large enterprise; RO = research organisation, OTH = other type of organization. *Note: With regard to the size of companies, for all EU member states the current definitions of SMEs given in the EU competition law are applied (definition of small and medium-sized enterprises and of independent businesses in accordance with recommendation 2003/361/EC of the Commission dated 6 May 2003, [ABl. L 124 of 20.5.2003, pp. 36-41]; cf.* [*http://ec.europa.eu/enterprise/policies/sme/files/sme\_definition/  
   sme\_user\_guide\_en.pdf*](http://ec.europa.eu/enterprise/policies/sme/files/sme_definition/sme_user_guide_en.pdf)*).* [↑](#footnote-ref-2)
3. For the purposes of this table, the project coordinator must be the same as the main applicant on respectively the Chinese and European side. [↑](#footnote-ref-3)
4. “Project Partner” in this table means a Co-Applicant or a Co-operation Partner (see chapter 3 of the call text). [↑](#footnote-ref-4)
5. A work package is a major subdivision of the proposed project with a verifiable end point – normally a deliverable or a milestone in the overall project. [↑](#footnote-ref-5)
6. Work package number: WP 1 - WP n. [↑](#footnote-ref-6)
7. Number of the project partner leading the work in this work package. [↑](#footnote-ref-7)
8. The total number of person-months allocated to each work package. [↑](#footnote-ref-8)
9. Measured in months from the project start date (month 1). [↑](#footnote-ref-9)
10. Deliverable numbers in order of delivery dates. Please use the numbering convention <WP number>.<number of deliverable within that WP>. For example, deliverable 4.2 would be the second deliverable from work package 4. [↑](#footnote-ref-10)
11. Measured in months from the project start date (month 1). [↑](#footnote-ref-11)
12. Measured in months from the project start date (month 1) [↑](#footnote-ref-12)