



Europe meets China

CLEARINGHOUSE
中欧城市森林应对方案

CLEARING HOUSE, Kick of the User Advisory and Stakeholder Mirror Groups
November 13, 2020
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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n°821242. Several Chinese CLEARING HOUSE partners have also contributed to the funding.
该项目获得欧洲H2020研究与创新计划的资助（拨款协议号码：821242）。部分中国合作伙伴也为此提供了资金。

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Agenda

议程

1	Introduction to the CLEARING HOUSE project	20 minutes
2	Stakeholder Mirror Group (SMG) role and objective	10 minutes
3	User Advisory Group (UAG) role and objective	10 minutes
4	Mingle Stakeholder Mirror Group and User Advisory Group	20 minutes
5	Presentations by Mr Pan and Mr Sun	20 minutes



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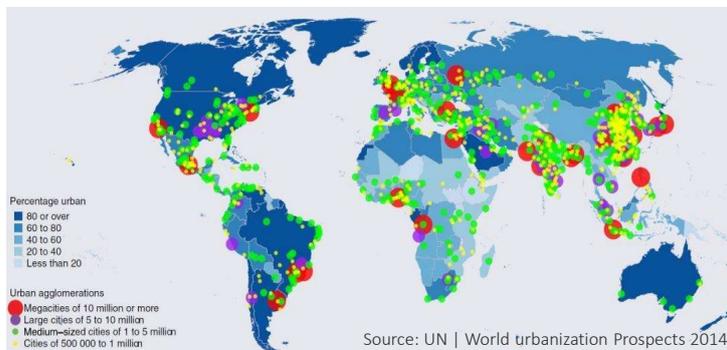
Introduction to the CLEARING HOUSE project



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Cities and urbanization 城市化

Cities are highly vulnerable to environmental change which is happening at an alarming rate! This has consequences to both our health and the economy



Cities are home to:

- >50% of the world's population (by 2050: 70%)
- >90% of global economic activities
- 65% of global energy consumption
- 75% of anthropogenic greenhouse gas emissions



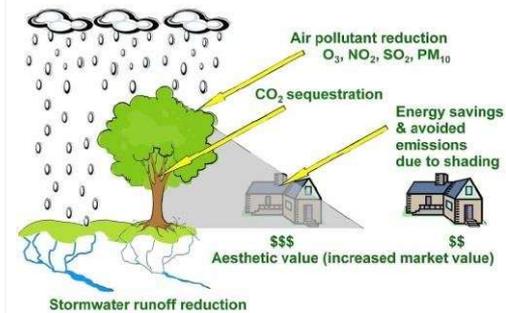
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Urban Trees and Forests 城市树木与森林

Knowledge across cities will help improve urban forestry strategies

- Historically trees and forests in urban areas have been **undervalued** in respect of the ecosystem services they deliver to urban societies
- In urban areas, existing policies and practice for the governance, management and conservation of trees and forests will **need to change in ways that provide a focus on enhancing ecosystem services and meeting new societal demands**
- Increasing our understanding** of different approaches across countries and continents will facilitate **mutual learning and improve urban forestry strategies in the future**

Urban trees provide ecosystem services



Credit: iTreetools.org



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CLEARING HOUSE aims to rehabilitate, reconnect and restore urban ecosystems

CLEARING HOUSE project brings together 26 partners and 10 cities

- 4-year project** coordinated by
 - the European Forest Institute (EFI)
 - and the Research Institute of Forestry at the Chinese Academy of Forestry (CAF-RIF)



Additional partners are likely to join the consortium in the coming months

河岸修复及区域性生态廊道



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CLEARING HOUSE main objectives

-  Mapping how urban forests are used/managed as NBS (**typology**)
-  **Surveying** societal perceptions and demands towards UF-NBS in Europe and China
-  Analyzing the **respective policy frameworks in Europe and China**
-  Performing **comparative case study analysis** in 10 paired cities/city clusters between China & Europe
-  Experimenting with elements of **citizen science**, co-design and co-learning with stakeholders and decision makers in Europe and China (two competitive calls)
-  Developing **user-friendly UF-NBS tools** (e.g., guidelines for practitioners)



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CLEARING HOUSE expected impacts

-  **Restored and functioning urban ecosystems** with an **enhanced capacity to deliver services**
-  **Business and investment case for UF-NBS** on the basis of **increased evidence about the benefits from restored urban ecosystems** with regards to urban liveability, climate change resilience, social inclusion, urban regeneration, public health and wellbeing
-  **Guidelines for cost-effective and high-impact urban ecosystem restoration** and ecological rehabilitation, as well as **new planning approaches and methods**



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CLEARING HOUSE project presentation

Step 1

Step 1	Knowledge review and analytical concept development
Step 2	Comparative case study analysis
Step 3	Collaborative learning process establishment
Step 4	Knowledge synthesis, Tools development and solutions piloting
Step 5	Communication and dissemination of CLEARING HOUSE results



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Urban Forests as Nature-Based Solutions typology

Step 1

Objective	<ul style="list-style-type: none"> Methodology for mapping and identifying Urban Forests as Nature-Based Solutions (UF-NBS) Sino-European Urban Forest Based Solutions typology roadmap development
Agenda	<ul style="list-style-type: none"> Draft of Urban Forests as Nature-Based Solutions typology <ul style="list-style-type: none"> will be discussed with Partners, User Advisory Group and Stakeholder Mirror Group during a workshop at the annual European Forum on Urban Forestry
Use of results	<ul style="list-style-type: none"> Sino-European co-design event (March 2021) Analytical framework to be developed knowledge for: <ul style="list-style-type: none"> the comparative case study analysis the application for Urban Forests as Nature-Based Solutions scenarios and the benchmarking tool for Urban Forests as Nature-Based Solutions



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Interdisciplinary analytical framework

Step 1

Objective	<ul style="list-style-type: none"> Build an analytical framework studying and implementing Urban Forests as Nature-Based Solutions and their impacts on the urban socioecological system: <ol style="list-style-type: none"> Development of a screening tool Analytical framework draft proposal to be discussed during the Sino-European event Revised analytical framework to conduct the case studies after March 2021
Agenda	<ul style="list-style-type: none"> Sino-European co-design event: in depth discussion between partners, user advisory group and stakeholder mirror group about the draft proposal
Use of results	<ul style="list-style-type: none"> In-depth analysis of the case studies



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CLEARING HOUSE project presentation

Step 2

Step 1	Knowledge review and analytical concept development
Step 2	Comparative case study analysis
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Step 5	Communication and dissemination of CLEARING HOUSE results



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Case studies in 10 cities in China and Europe

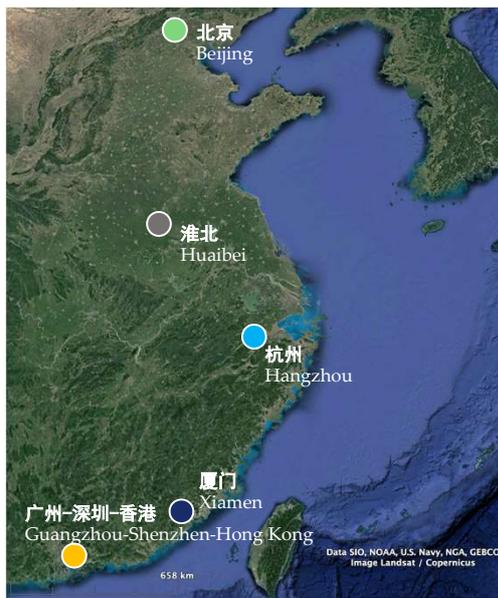
Step 2

EUROPE	CHINA
Brussels 	Beijing 
Leipzig-Halle 	HK + Guangzhou + Shenzhen 
Krakow 	Hangzhou 
Gelsenkirchen 	HuaiBei 
Barcelona 	Xiamen 

REFERENCES

-  Inner-city afforestation
-  Urban-rural territorial linkage
-  Air purification/ air quality improvement
-  Heat-wave mitigation
-  Outdoor recreation
-  River catchment restoration
-  Increasing attractiveness & nature connectivity
-  Restoring former mining sites
-  Urban regeneration
-  Socio-cultural integration

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- Diversified ecological functions in urban and rural scales
- Ecological restoration of mining cities
- Riverbank restoration and regional ecological corridor
- Air purification
- Riparian and coastal forest restoration

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CLEARING HOUSE project presentation

Step 3

Step 1	Knowledge review and analytical concept development
Step 2	Comparative case study analysis
Step 3	Collaborative learning process establishment
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Step 5	Communication and dissemination of CLEARING HOUSE results



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Collaborative learning process establishment

Step 3

Objective	<ul style="list-style-type: none"> Implementing the CLEARING HOUSE co-design and co-learning process Setting up and running the CLEARING HOUSE learning architecture Developing and implementing a citizen science monitoring of Urban Forests as Nature-Based Solutions impact Evaluating the CLEARING HOUSE collaborative learning process and exploring options for a durable institutionalization of the learning architecture
Agenda	<ul style="list-style-type: none"> Sino-European co-design event bringing together cities, policymakers, civil society and scientists from all selected case studies and relevant continental organizations in Europe and China Identification of the information demands of the key user groups at both city and (supra-)national levels by the stakeholder mirror group and the user advisory group <ul style="list-style-type: none"> Objective: translate these into research questions for the project
Use of results	<ul style="list-style-type: none"> Identification of the most critical questions to be analyzed in the comparative case study Definition of the requirements for the tools and actions to be developed in step 4 and 5



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CLEARING HOUSE project presentation

Step 4

Step 1	Knowledge review and analytical concept development
Step 2	Comparative case study analysis
Step 3	Collaborative learning process establishment
Step 4	Knowledge synthesis, Tools development and solutions piloting
Step 5	Communication and dissemination of CLEARING HOUSE results



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Deriving business models and investment cases

Step 4

Objective	<ul style="list-style-type: none"> Development of sustainable business models and investment cases for selected Urban Forests as Nature-Based Solutions and their scenarios <ul style="list-style-type: none"> Environmental, socio-cultural and socio-economic factors analyzed, with the aim to boost Urban Forests as Nature-Based Solutions deployment Selected novel business models will be tested in the local case studies A mid-term workshop in connection to the 3rd GA will review the piloting of Sustainable Business Model Innovation
Agenda	<ul style="list-style-type: none"> User Advisory Group involved in the review of the piloting of Sustainable Business Model Innovation during the mid-term workshop



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Developing decision support for UF-NBS implementation

Step 4

Objective

- **Development and testing of distinct decision support tools** for facilitating the deployment of Urban Forests as Nature-Based Solutions
- Inclusion of demands defined by stakeholders and key users in the co-design process and by the user advisory group
- Description of the decision support tools:
 - an **application for developing, modelling and assessing Urban Forests as Nature-Based Solutions scenarios in urban development** for a cost-effective and performant service delivery at diverging scales
 - **A simple but effective global benchmarking tool to compare UF-NBS in different settings**

Agenda

- Inception workshop organized - connected to the Sino-European codesign event
 - Defines the terms for further decision support development by the consortium partners and external stakeholders (including the user advisory group)
 - **kicks-off the development and testing of distinct decision support tools**
- **The stakeholder mirror group and the user advisory group will be involved in the tool development**



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CLEARING HOUSE project presentation

Step 5

Step 1	Knowledge review and analytical concept development
Step 2	Comparative case study analysis
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Step 5	Communication and dissemination of CLEARING HOUSE results



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Communication and dissemination of CLEARING HOUSE results

Step 5

Objective

- **Communicating CLEARING HOUSE**
 - The communication plan will be updated throughout the project
- **Engaging institutional stakeholders and citizens / civil society**
 - A Sino-European stakeholder mirror group will be created to involve national and international institutional stakeholders from the beginning of the project
- Maintaining a **webinar platform for knowledge exchange and upskilling**
- Disseminating CLEARING HOUSE **research findings**
- Conducting **innovation and exploitation management**



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STAKEHOLDER MIRROR GROUP ROLE & OBJECTIVE



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International/national institutional stakeholders

Objective

Advise and support the project to ensure that its results

- Co-design the research programme
- Facilitate the dissemination of project outcomes through stakeholder networks

Agenda

Meet four times, each linked to a key project milestone

- This meeting (introduction)
- The Sino-European co-design event (March 2021)
- the 3rd General Assembly (September 2022)
- Final Science-Policy symposium (June 2023)



Stakeholder Mirror Group role

- Liaise between institutional stakeholder networks and project
- Look for joint dissemination opportunities
- Feedback on knowledge needed
- Facilitate implementation of project outcomes in policy and practice

Added value for the Stakeholder Mirror Group

- Co-define the research programme of the first Sino-European research project on urban forests
- Integrate own work with CH research and vice versa
- Engage with the Urban Forestry and NBS research community



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Stakeholder mirror group members



Frank D'hont
Secretary General at Iscoarp



Dr Shirong Liu
Dean of CAF, IUFRO Officeholder



Alice Reil
Coordinator for Green infrastructure at ICLEI
Represented by Vasileios Latinos



Dr Wenming Lu
Deputy director-general of INBAR



Stuart Reigeluth
Cities4Forests

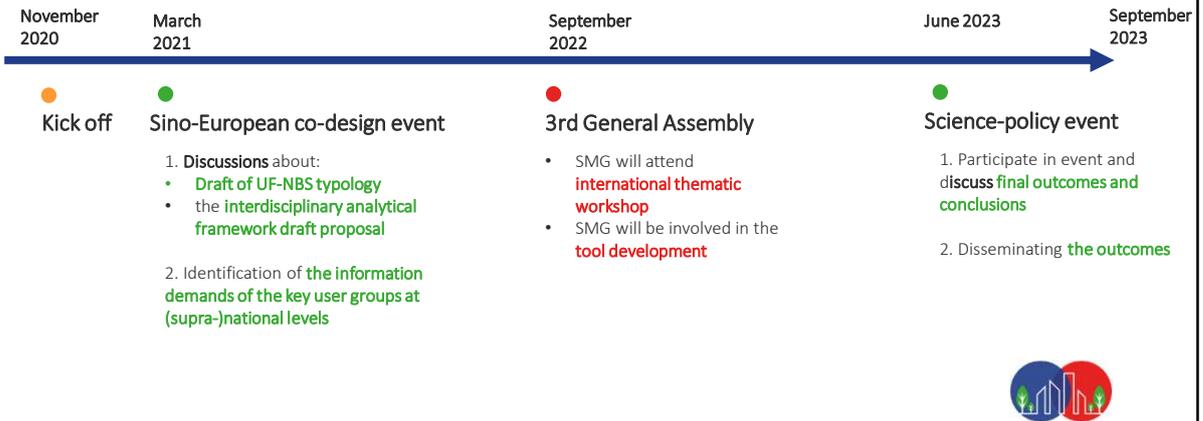


Dr Xinliang Chen
Secretary-general of Chinese Society of Forestry



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Stakeholder Mirror Group Roadmap



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USER ADVISORY GROUP ROLE & MEMBERS



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Key users represented from Europe and China

Objective

Advise and support the project to ensure that its results

- Meet various user community needs
- Encompass the current context and challenges for NBS development

Agenda

Meet twice, each linked to a key project milestone

- The Sino-European co-design event (March 2021)
- And the 3rd General Assembly (September 2022)



User Advisory Group role

- Represent the voices of various professional communities
- Provide feedback on the tools being delivered by the project
- Give recommendations on project deliverables

Added value for the User Advisory Group

- Be part of a project that aims to benefit human well-being and biodiversity
- Connect with key actors in Urban Forests across Europe and China
- Learn about new urban forestry case studies



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User Advisory group members



Ms. Yixia Wu

Deputy General Manager at China Construction Engineering Design Group Corporation Limited



Mr. Wei Li

Architectural & Design Director at Research Centre for Urban and Rural Ecological Landscape Architecture Planning at Tsinghua University



Andreas Bernasconi

Urban Forester at Pan Bern



Sylvain Raifaud

Ecologist Advisor to Grand Paris City



Mr. Yanjun Sun

Director of R&D, Shenzhen Landscape



Maria Chiara Pastore

Professor at the Politecnico di Milano



John Parker

Technical Director at the Arboricultural Association



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User advisory group Roadmap



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Time to mingle

In 30 seconds introduce yourself and highlight your expertise for the project



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谢谢

Thank you



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Thank you



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