Project 1
CLEARING HOUSE: Abstractioning value from Urban Forest-Based Solutions

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Etihad Stadium, Manchester, 26 March 2019
CLEARING HOUSE

Collaborative LEArning in Research, information-sharing and Governance on How Urban tree-based solutions support Sino-European urban futures

- China-EU Cooperation
- Coordinator: European Forest Institute
- Duration: 4 years
- Budget: €5 million (EU) + €5 million (China)
## CASE STUDIES

<table>
<thead>
<tr>
<th>EUROPE</th>
<th>CHINA</th>
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<tbody>
<tr>
<td>Brussels</td>
<td>Beijing</td>
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<tr>
<td>Leipzig-Halle</td>
<td>HK+Guangzhou+Shenzhen</td>
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<td>Krakow</td>
<td>Hangzhou</td>
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<td>Gelsenkirchen</td>
<td>Huaibei</td>
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<td>Barcelona</td>
<td>Xiamen</td>
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OBJECTIVES

We will **analyse & develop the potential of UFBS for enhancing the resilience of cities** facing major ecological, socio-economic, and human wellbeing challenges:

- Analyse current frameworks, **public perceptions and demand** towards UFBS.
- Evaluate **impacts on urban societies**, including aspects of socio-environmental justice and gender, cost-effectiveness and replicability for diverse contexts.
- Facilitate a **collaborative learning process** on UFBS, connecting practitioners, businesses, policymakers and scientists.
- Develop **decision support tools** and **guidelines** for cost-effectively expanding, governing and managing UFBS.
- Increase **awareness** on the benefits of UFBS and **disseminate** it among governments, businesses, civil society and academia.
HOW TO INVOLVE BUSINESSES

• A “Sustainable Business Model Innovation (SBMI)” **approach** will be applied to develop business models and investment cases (T4.1).

• Integrates key users and ecological aspects into a typical business model assessment,

• Act as pilot to future-proof impact investment and sustainability-oriented businesses
OUR APPROACH

1. Extensive review of existing UFBS financing models
2. Macroscopic comparative analysis with other NBS
3. Co-design of possible business models with actors on the field in the 10 cities
4. Test of selected models on case study cities (UFBS field laboratories)
Project 2
UCI -- Urban Cool Islands

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Etihad Stadium, Manchester, 26 March 2019
UCI SURVEY

• In the frame of Climate-KIC project UCI we are undergoing an international survey on Urban Heat Islands

• Target: survey 40+ cities EU- and world-wide
  • Municipalities
  • Urban developers

• Benefits for respondents: access to
  • Synthesis report
  • Webinar
  • Invitation to workshop in Paris

Interested parties please get in touch
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Backup
About LGI

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OUR MISSION

In a global context of digital and environmental transition we dedicate to strategy, financing and communication of sustainable innovation
OUR SECTORS

ENVIRONMENT-CLIMATE
- Circular economy
- Raw materials
- Climate change
- Water, air, biodiversity

ENERGIES
- Low-carbon energies
- Smart grids
- Energy storage
- Energy efficiency

TERRITORIES & MOBILITY
- Smart & sustainable cities
- Automotive, Mobility & Logistics
- Construction & Buildings
- Sustainable agriculture

DIGITAL
- Digital transition
- Strategic data
- Platform models
- Technology adoption
CITIES SUPPORTED

Aarhus (DK)  327 k
Paris (FR)  2,200 k
Bremen (DE)  551 k
Valencia (ES)  790 k
Reggio Emilia (IT)  170 k
Ferrara (IT)  132 k
Nottingham (UK)  320 k
Växjö (SE)  66 k
Örnsköldsvik (SE)  66 k
Warsaw (PL)  1,700 k
Barcelona (ES)  1,600 k
Beijing (CN)  21,500 k
Hong Kong (CN)  7,300 k
**Some references**

<table>
<thead>
<tr>
<th>Study Title</th>
<th>Location(s)</th>
<th>✔️</th>
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<tbody>
<tr>
<td>Strategic assessment of a integrated solutions for energy efficiency at city scale</td>
<td>Vaxjo, Aarhus</td>
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<td>Accelerating innovation for a monitoring platform for energy efficiency at city scale</td>
<td>Paris, Valencia, Reggio Emilia and Ferrara</td>
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<td>Assessment of opportunities, scenario development and design of business models for the French National Geography Centre</td>
<td>Study at National level</td>
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<td>Assessment of the transport infrastructure market and business model innovation</td>
<td>Nottingham</td>
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<td>Analysis of the energy efficient buildings market</td>
<td>Demonte, Warsaw, Valencia, Findhorn</td>
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<td>Characterisation of emerging business models in the carsharing sector in Europe</td>
<td>Bremen, Ghent</td>
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<td>Digital systems for water &amp; wastewater management</td>
<td>Bangalore</td>
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<td>Urban forestry developments for nature based solutions in functional urban areas</td>
<td>Barcelona, Krakow, Brussels, Beijing, Hong Kong, Guangzhou</td>
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<td>Circular economy models from the paper and pulp industry</td>
<td>Zaragoza</td>
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<td>Analysis of the future competences requirements and mapping of existing training offers in France for the Autonomous Vehicle</td>
<td>Study at National level</td>
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OUR PRESENCE

Client base (2018)

HQ
Office