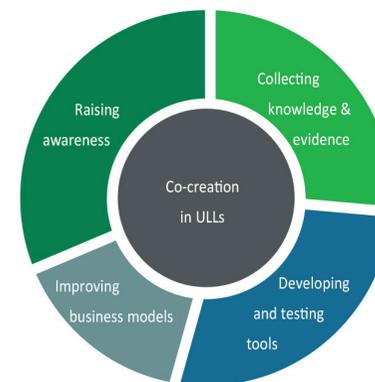


# GREEN -BASED SOLUTIONS

ABILITY THROUGH FOSTERING  
D CHINA USING EVIDENCE-BASED TOOLS  
CE ACCELERATING THE TRANSITION  
EEN AND HEALTHY CITIES

## ABOUT REGREEN

REGREEN aims to accelerate the crucial transition toward equitable, green, biodiverse and healthy cities in both Europe and China by improving knowledge and providing evidence of the benefits from NBS to address urban challenges, by developing and testing tools to guide, design and plan NBS and by consolidating business and investment models for NBS. Fundamentally for a transition to take place, REGREEN works with NBS awareness in education, governance and planning.



Urban Living Labs (ULLs) form the core of REGREEN, where co-creation of knowledge involves local citizens, schools, businesses, organisations and public administrations enabling new forms of urban innovation. The REGREEN consortium consists of 6 universities, 5 research institutes, 3 city authorities, 4 SMEs and 2 NGOs from China and Europe.

## PARTNERS



## CONNECT

Visit our website: [www.regreen-project.eu](http://www.regreen-project.eu)  
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REGREEN PROMOTES URBAN LIVABLE  
NATURE-BASED SOLUTIONS IN EUROPE AND CHINA  
AND IMPROVED URBAN GOVERNANCE  
TOWARDS EQUITABLE, GREEN AND HEALTHY CITIES

# NATURE-BASED SOLUTIONS (NBS) FOR CITIES

Cities around the world are facing increasing challenges from the impacts of climate change, rapid population growth and social inequity through to constrained budgets for basic infrastructure and services. Nature-based solutions, unlike grey infrastructure, are inspired by nature, and if delivered appropriately can help solve problems identified in a particular urban context. They are cost-effective and provide multiple benefits to both cities and citizens - ranging from restored ecosystems and biodiversity, adaptation to climate change and to improved public health and creation of attractive public spaces.

## TOOLS & EVIDENCE FOR NBS UPTAKE

### CITY OFFICIALS & DEVELOPERS

- Guidelines for integrating NBS into existing governance systems
- Evidence and tools for ecosystem services mapping and modelling
- Evidence of valuation of NBS benefits and costs

### ACADEMIA & BUSINESSES

- NBS innovation and business development support programme

### SCHOOLS & GENERAL PUBLIC

- Educational tools for use inside and outside schools



## NBS FOCUS IN REGREEN ULLs

### PARIS REGION

- > Biodiversity enhancement
- > Heat mitigation
- > Water flow management

### BEIJING

- > Air pollution removal
- > Biodiversity enhancement
- > Water flow management

### AARHUS

- > Water flow management
- > Biodiversity enhancement
- > Carbon sequestration

### SHANGHAI

- > Carbon sequestration
- > Water quality management
- > Biodiversity enhancement

### VELIKA GORICA

- > Heat mitigation
- > Air pollution removal
- > Noise mitigation

### NINGBO

- > Water quality regulation
- > Air pollution removal
- > Biodiversity enhancement

# REGREEN ACTIVITY IN URBAN LIVING LABS (ULLs)

To promote the NBS agenda, REGREEN is raising awareness in the ULLs, working with teachers to educate children and youth on NBS and biodiversity. REGREEN collaborates with start-ups to accelerate creation of green businesses, develops guidelines and training programmes for municipal technical staff and helps cities on how to integrate biodiverse NBS, both at the planning and project scale, for instance, through systematic depaving strategies and scenarios for NBS implementation with new models for urban ecosystem services and benefits. REGREEN takes a specific focus on equitable access to benefits of NBS.

## EUROPE & CHINA

The European-Chinese cooperation in REGREEN will lead to mutual benefits for research and businesses. Planners and practitioners will learn from Chinese large-scale city design and Europe's long-running environmental research, as well as REGREEN's holistic social-ecological approach to the development of NBS in cities. Innovative approaches applied in China and Europe will inspire and benefit businesses. REGREEN will collect and spread existing and newly-produced knowledge, organise and participate in a series of networking arrangements specifically tailored to foster exchange between cities in China and Europe.