

# LISBON

**PILOT 2.** RUASVERDES+ Greening Dense Urban Districts with Nature-Based Solutions







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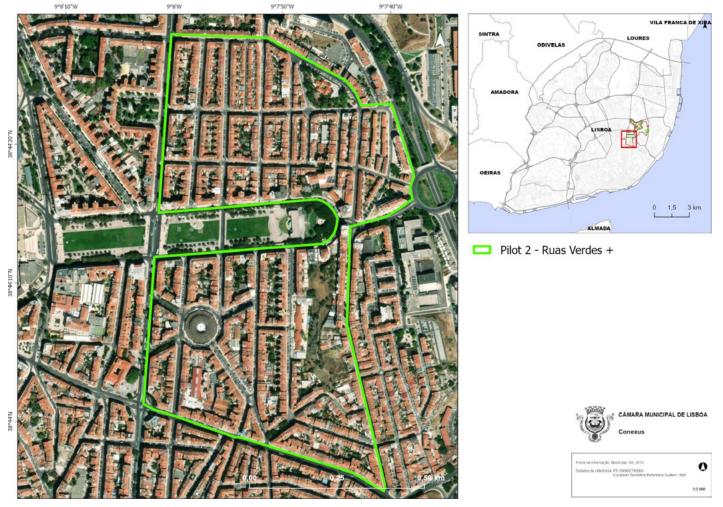
Start date: April 2020

End date: August 2024

What and Where?	
Location:	Lisbon, focusing on Actores (Areeiro), Arroios, and Penha de França neighborhoods.
NBS type, and habitat/s to be created:	<ul> <li>Plant boxes in public spaces and private balconies.</li> <li>Tree planting along streets and in green corridors.</li> <li>Pocket gardens and other micro-green solutions.</li> </ul>
Ecosystem services:	<ul> <li>Improved air quality.</li> <li>Heat wave reduction.</li> <li>Enhanced urban greenery and biodiversity.</li> </ul>
Management & maintenance:	<ul> <li>Local authorities maintenance with support from the population (ideal).</li> <li>Regular monitoring of planted species and ecosystem health.</li> </ul>



## Map



## Why?

#### Our Goals

- Bring awareness to the communities of the importance of the present climate changes and the importance of green infrastructures to health (both mental and physical);
- Reclaim public space for green infrastructure and improve urban liveability.
- Address climate justice by enhancing ecosystem services in densely populated areas.
- Bridge green corridors and green spaces, linking existing green spaces for ecosystem connectivity.
- Experiment replicable NBS to address the challenge of greening dense urban districts.
- Ensure sustainable management and maintenance of green infrastructure amidst urban constraints through the community involvement in the co-decision and codesign process.

### When?

Trimester/Year	Activities
2022-2023	Participatory workshops, local engagement, and brainstorming for NBS ideas.
2022-2023	Collaborative projects and brainstorming for micro-green solutions in Actores, Arroios, and Penha de França neighbourhoods.
2023	Gardening workshops on plant selection and maintenance.
> 2024	Install planters in public spaces like parks, squares and pavements; encourage residents to have planters on their private balconies; and starting the tree planting in two streets to establish a new 'green corridor' in the dense road network.



## How?



Participatory sessions and gardening workshops.



"Pop-up trees": large vases with trees.





Plants and flower boxes and happy people after a Saturday morning gardening workshop.



## So what?

Pilot 2 - Ruas Verdes+ exemplifies how NBS can enhance urban quality of life while fostering community cohesion, being decisive the inclusion of communities along the process.

#### 1. Important Achievements:

- **Community Interest:** Ruas Verdes+ has sparked interest from other neighborhoods willing to collaborate.
- **Knowledge Dissemination:** The project has successfully shared its practices, creating awareness beyond its immediate context.
- Local Demand for Green Spaces: Despite potential trade-offs (such as parking spaces), there's a growing desire for green spaces near homes, especially post-COVID.
- Individual Engagement: Private individuals are actively seeking ways to care for public green spaces, seeking support from the project.

### 2. Nature-Based Thinking (NBT) Framework:

- **Diverse Voices:** Ruas Verdes+ actively involves diverse perspectives, including local residents, NGOs, and stakeholders. Their input shapes decision-making.
- **Social Learning:** The project fosters ongoing social learning through initiatives like the Community of Learning (CoL).
- Empowering Local Knowledge: Recognizing the value of local wisdom, Ruas Verdes+ empowers communities to challenge norms and contribute contextually relevant solutions.

#### New Organizational Structures:

• Multidisciplinary Coordination: Ruas Verdes+ coordinates across various municipal departments, ensuring alignment. Departments include Green Structure, Urban Planning, Public Space, Mobility, and more.

#### Long-Term Perspectives:

- Holistic Approach: Ruas Verdes+ considers long-term impacts on social and ecological systems, aligning with nature's cycles.
- Sustainable Development: The project prioritizes well-being for present and future generations.



## **Project Partners**



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 867564