



ADAPTATION



PILOT DEVELOPMENT AND FINALISING NBS PLANS

BOLOGNA, ITALY

Through the Policy Support Facility programme, the city was able to...

- assess the viability of a demonstrator (green bus stop) as a first small-scale pilot, by identifying all technical, legal, regulatory, financial and communication issues for its realisation and monitoring of the success of the initiative. The demo is scheduled for early 2024.
- enhance knowledge and support innovative approaches to urban design to accelerate climate adaptation in a wider area (Impronta verde) that connects the city's main urban forest with its old urban centre where the pilot will be realised.

The realisation of the demonstrator, initially planned for the summer 2023, was postponed due to the flooding event that hit large part of Emilia Romagna in May 2023.



HAZARDS ADDRESSED

- Extreme heat, droughts, and water scarcity
- Heavy precipitation and flooding



SOLUTIONS

- Template of technical plan for implementation of green bus stop in the city
- Template for implementation of NBS plan in the city
- Solutions used in the City of Ljubljana



FUNDING

- National grants,
- EU/International grants

STATUS OF MEASURE





DIRECT BENEFITS

- Increased knowledge and awareness on the technical and legal framework behind adaptation
- A clear viability study for realising and monitoring the demonstrator
- A portfolio of innovative NBS solutions to be further explored in the Impronta Verde area as a key strategic intervention to accelerate climate adaptation of the city as a whole
- Gain knowledge on new NBS



CO-BENEFITS

- Re-connect different parts of the city that can act as main response to climate adaptation;
- Improved urban environment in terms of more connected (through green solutions) public spaces;
- Identification of practical solutions for heat islands and recent flooding



STAKEHOLDERS ENGAGED

- SRM managing bus stops,
- Tper, a regional mobility consortium
- FIU, the City-UNIBO Foundation promoting urban-development via open innovation and dialogue



NEXT STEPS TO PROGRESS AND/OR UPSCALE THE MEASURE:

Now that the detailed technical document for the demonstrator has been finalised and an Action Plan containing new NBS solutions has been drafted, Bologna will need to closely follow-up negotiations with the Regional Authority and the National Government (the latter for the NRRP sources) in order to secure funding. It will be also essential to continue cooperation with FIU and the local mobility stakeholders involved during the Policy Support Facility technical assistance programme. The adaptation of the branded bus stop designed by famous Japanese architect, has been conceived to be modular and implemented in four different settings. This kind of flexibility will secure the project's easy scale up.