

# Reconstruction of the Szivárvány tram stop for an improved urban environment

Pilot city: Szeged - Hungary

## CITY CHALLENGE



Drought vulnerability



Urban heat island effect



Limited green area

## CITIZEN ENGAGEMENT AND CO-CREATION

A multi-channel and multi-stage strategy is designed to ensure inclusive participation, co-creation, and long-term commitment.

## STAKEHOLDERS

- Szeged municipality departments (urban development, management, and procurement)
- NGOs
- Designer
- Contractor
- Professional partner
- Civil society organisations (e.g. community garden)
- Local residents and commuters
- Schools and students
- Tourists

## TOOLS USED FOR ENGAGEMENT

- The Launch event
- A hackathon-style co-creation event
- Memorandum of Understanding (MoU)
- In-person community workshops, pop-up events in busy public spaces, and door-to-door information campaigns
- A “train the trainers” seminar
- Promotion event
- Maintenance plan

## FINANCING MODELS

The financing strategy for this project’s implementation is based on multiple pillars, in line with the best practices applied within the European Union:

- **Municipal Budget** (basic support covers preparatory activities, while implementation costs refer to the physical on-site works)
- **National and EU Grants** (KEHOP Plus & TOP Plus operational programs in Hungary, the LIFE and Interreg programs)
- **Green Bonds** (for larger, long-term green infrastructure developments)
- **Public-Private Partnerships**
- **Long-term Sustainability** (annual municipal maintenance budget, community-based care models, & local community budgets or grant sources).

## TECHNICAL SOLUTION

The solution has a dual aim of improving accessibility and safety while creating a more climate-resilient and green public space. It aims to demonstrate that even small-scale, targeted green infrastructure actions—such as tree planting, rain gardens, green strips, and permeable pavements—can significantly improve microclimatic conditions, livability, and resilience.



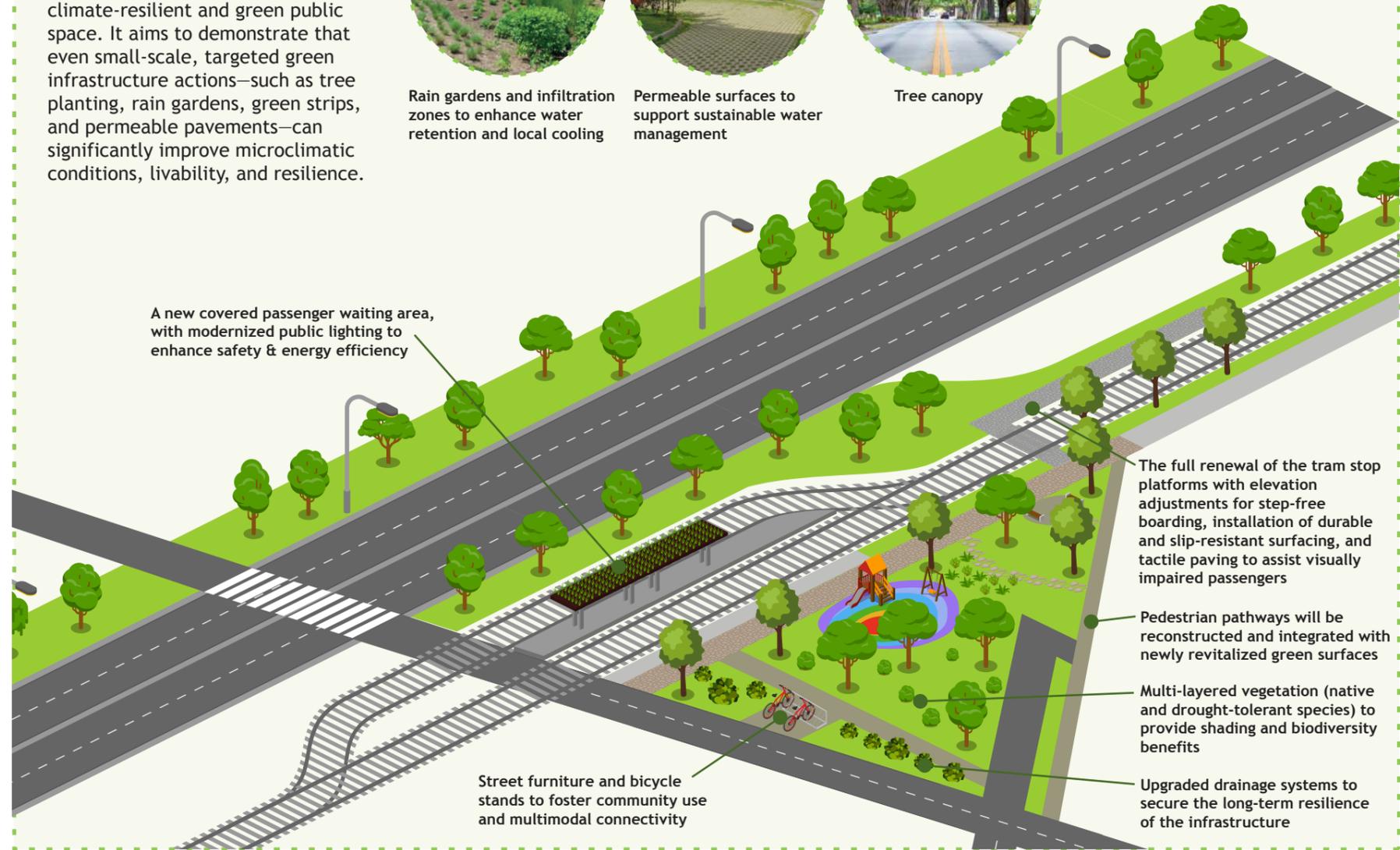
Rain gardens and infiltration zones to enhance water retention and local cooling



Permeable surfaces to support sustainable water management



Tree canopy



A new covered passenger waiting area, with modernized public lighting to enhance safety & energy efficiency

The full renewal of the tram stop platforms with elevation adjustments for step-free boarding, installation of durable and slip-resistant surfacing, and tactile paving to assist visually impaired passengers

Pedestrian pathways will be reconstructed and integrated with newly revitalized green surfaces

Multi-layered vegetation (native and drought-tolerant species) to provide shading and biodiversity benefits

Upgraded drainage systems to secure the long-term resilience of the infrastructure

Street furniture and bicycle stands to foster community use and multimodal connectivity



Learn more about the project