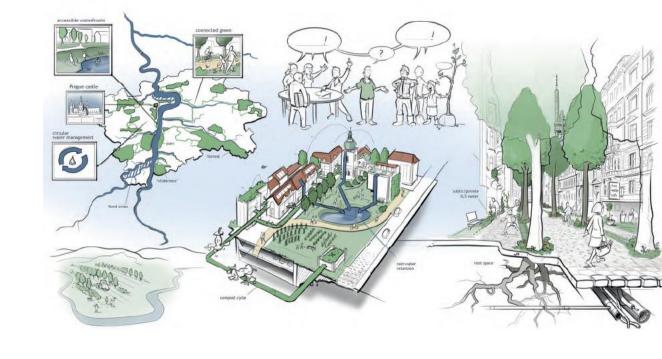


Roadmap to Prague 2050: A liveable city in harmony with nature

Presentation for the Joint roadmap workshop

Day Month 2020

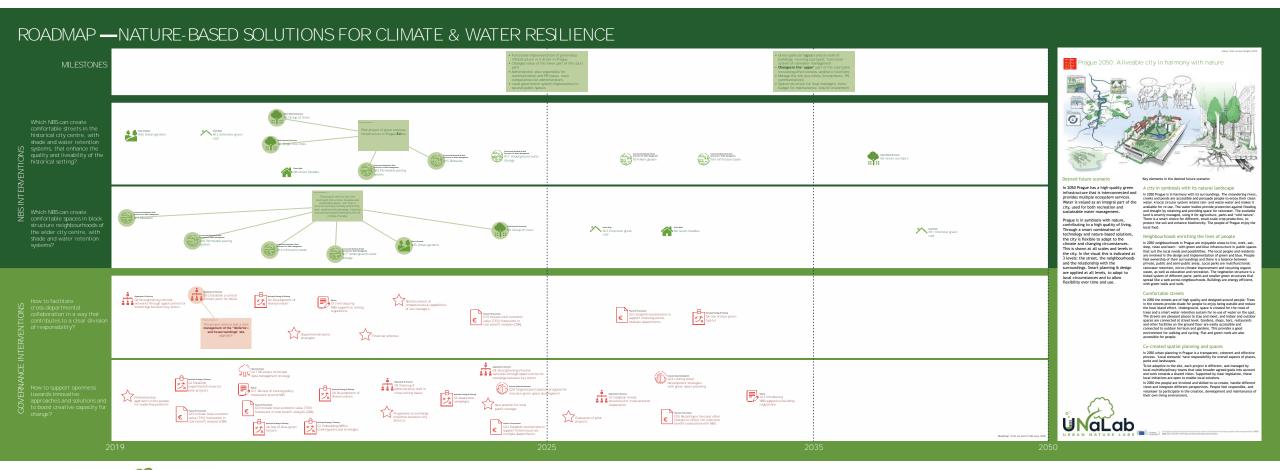
Kamila Lohrová & Štěpán Špoula (IPR)







Prague roadmap to 2050





Prague NBS interventions

Which NBS can create **comfortable streets** in the **historical city centre**, with shade and water retention systems, that enhance the **quality and liveability** of the historical setting? P1

Which NBS can create **comfortable spaces** in the block structure neighbourhoods of the wider city centre, **with shade and water retention** systems? P2











Prague governance interventions

How to facilitate **cross-departmental collaboration** in a way that contributes to a **clear division** of responsibility?

How to support **openness towards innovative approaches** and solutions and to **boost creative capacity** for change?



Aims to test the joint management of the "Seifertova and surroundings" site approach

Project - new tram rails!

Description of Seifertova Street

- Old part of the city

- High transport pressure (vehicles, trams...)

- Long street running downhill

- Dark, paved areas





Green and blue infrastructure pilot project in Žižkov, Seifertova Street

Challenges

- Old tram rails
- Lack of capacity to catch rain water
- Poor public space
- Barriers (not accessible for everyone)
- Lack of trees/greenery in the street
- Urban Heat Island





Green and blue infrastructure pilot project in Žižkov, Seifertova Street

Proposed NBS Interventions

N3 Groups of trees
N1 Single three lines
N15 Bioswale ?
N18 Permeable paving system

(N6 Green facades)

(N17 Underground water storage)

(N12 Extensive green roof)

(N35 Urban gardens)

2025 - 2035

N19 Rain garden
N16 Infiltration basin





Green and blue infrastructure pilot project in Žižkov, Seifertova Street

1. Proposed NBS

Study of rain water management

Water catchment area

2. Architects

Ground floor

Visual adjustments



Green and blue infrastructure pilot project in Žižkov, Seifertova Street

Proposed Governance Interventions

2019 - 2025

G8 – Strengthening informal networks through opportunities for exchange between key actors

G10 - Establish a central contact point for NGO's

GO - Development of shared visions

G13 – Introducing NBS supportive zoning regulations

G19 – Include total economic value framework in cost benefit analysis 2025 -2035

G23 – Establish mechanisms to support financing across multiple departments

G6 – Use of blue-green factors





Prague Governance Project 1 Governance interventions

How to facilitate cross-departmental collaboration in a way that contributes to a clear division of responsibility?

Implementation of the integrated site management

How to support cooperation between institutions and experts in order to have a clear shared responsibility?

Aims – One local team manages Seifertova and neighberhood in all aspects (maintanance, RWM, green, PR, events...)

Assumption – imporatance of quality management

Agreement to cooperate, create a local partnership, leadership, leading to Living Lab

Benefits – shared know-how, prestige, effectiveness

Barriers and problems to overcome...



Prague Project 2

This project aims to turn courtyards into more liveable and sustainable spaces

Description of project

- Association BIENO
- Community engagement projects, social inclusion
- Good contact with City District Prague 4

Braník courtyard - the furthest along

- About the courtyard:
 - 1300 m²
 - Four buildings
 - Green area
 - A bit abandoned/wild













Prague Project 2

This project aims to turn courtyards into more liveable and sustainable spaces

Proposed NBS

Bioswale
Permeable pavement
Infiltration basin
Underground water storage
Urban gardens
Groups of trees

2025 - 2035

(N12 Extensive green roofs) (N6 Green facades)



Prague Project 2

This project aims to turn courtyards into more liveable and sustainable spaces

Proposed Governance Interventions

How to support openness towards innovative approaches and solutions and to boost creative capacity for change? 2019 - 2025

- G2 Establish experimental areas for pilot projects
- G19 Include total economic value framework in cost benefit analyses (je to tam 2x, proč??)
- G17 Develop a municipal data management strategy
- G11 Review of the existing policy framework around NBS
- G6 Use of blue-green factors
- G1 Embedding NBS in existing plans and strategies
- G0 Development of shared visions
- G9 Training of administrative staff in cross-cutting issues
- **STAR** Programme to exchange know-how between city districts
- G5 Awareness campaigns
- G8 Strenghten informal networks through opportunities for exchange between key actors
- G28 Targeted participation programs for inclusive greenspace development
- STAR New position for local public manager
- G23 Establish mechanism to support financing across multiple departments

2025 - 2035

- **STAR** Evaluation of pilot projects
- G7 Establish formal structures for cross-sectoral cooperation
- G24 Liking social development strategies with grenn space planning
- G20 Reconfigure fees and other charges to reflect the costs and benefits associated with NBS
- G12 Introducing NBS supportive building regulations

Prague Projects 1, 2

Conclusions of both projects

- Bringing diverse group together, interests, age diferences
- Motivation to change
- Ownership and responsibility for own neighbourhood
- Emphasized usage of blue-green infrastructure (BIENO, Seifertova street)

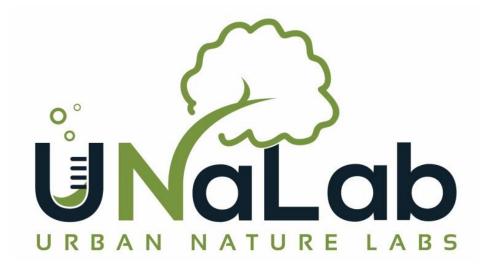




Thank you for your attention ©

Any questions?





Questions

Who is responsible for your public space?

If it is a specific stakeholder, how do you involve him in a project?

Is the stakeholder involved from beginning to the end?



