

GREEN INFRASTRUCTURE GUIDEBOOKS

RETHINKING LOCAL POLICIES
BRINGING BACK NATURE TO THE CITY

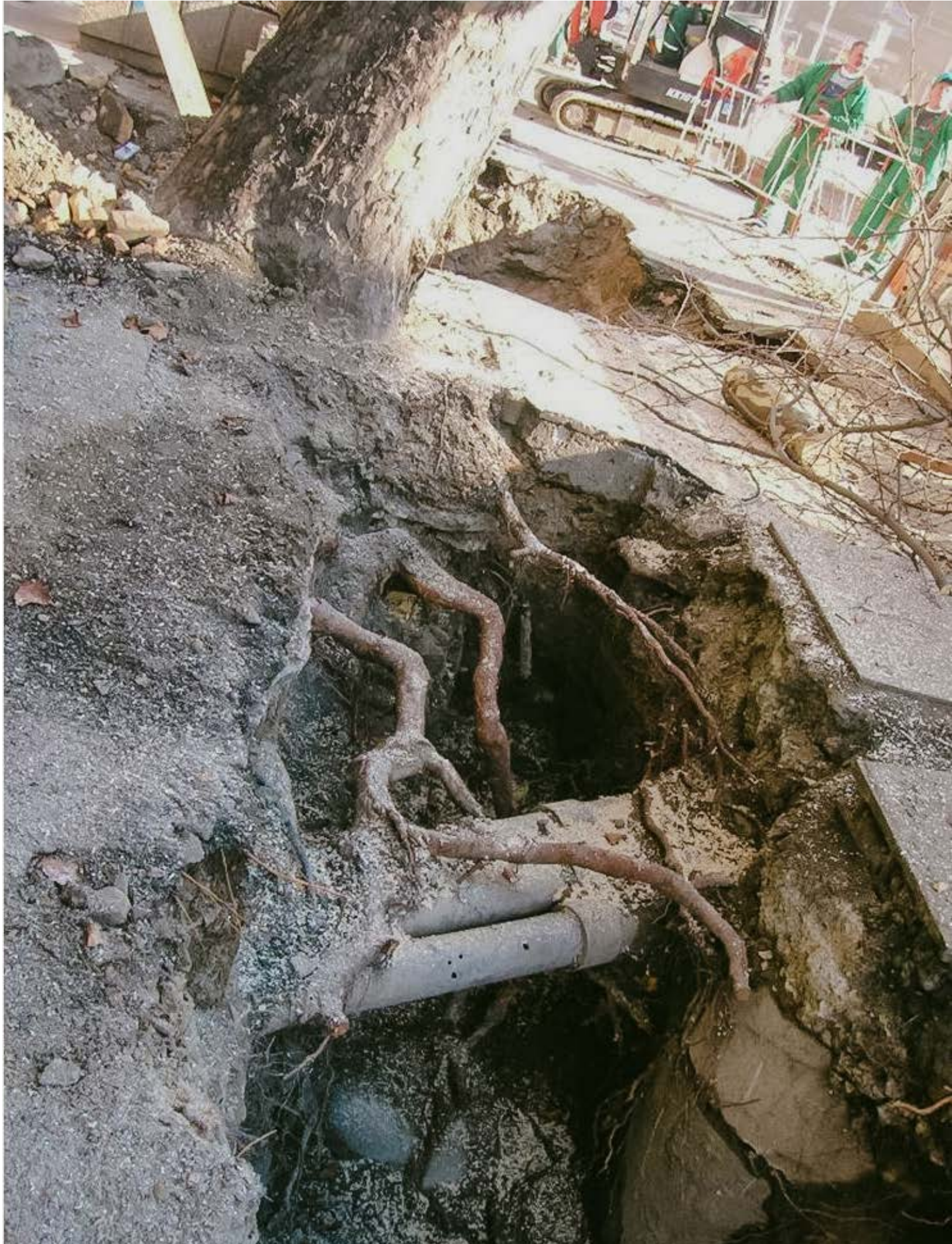
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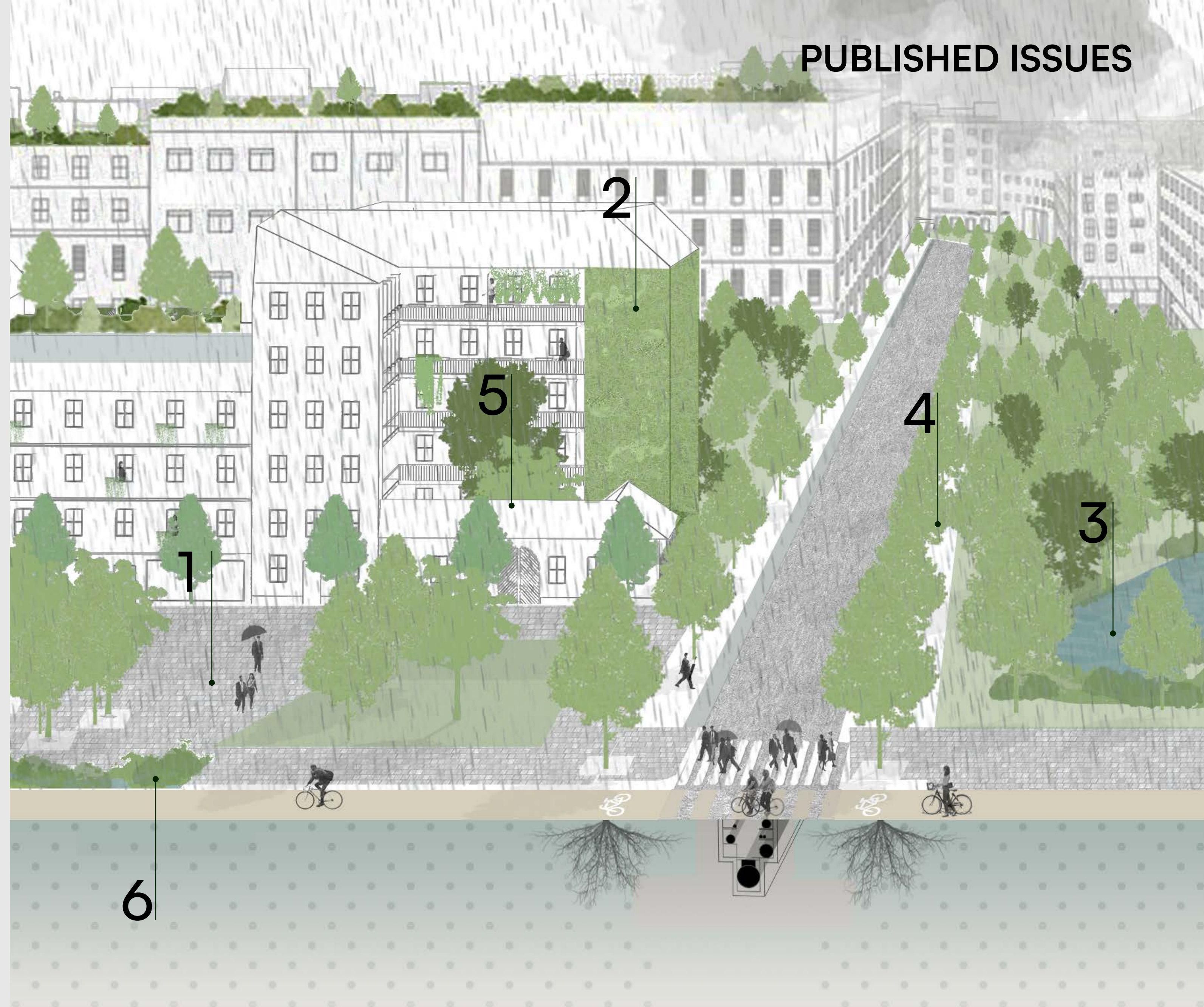


SITUATION IN BUDAPEST

- No rain water were kept in place
- Green surfaces were the spare spaces for infrastructure development
- Utilities were laid down at the base of the trees
- No legal regulation for urban green infrastructure
- Subordinate role of green spaces
- Lack of funding, professionals, capacity and equipment
- Low maintenance
- Overpaved open spaces
- Compacted soil, harsh environmental conditions







1. Permeable pavements (2016)
2. Green facades (2016)
3. Water sensitive design in urban open spaces (2018)
4. Relationship between urban trees and utilities (2018)
5. Renewal of downtown inner courtyards (2019)
6. Protection of tree pits and green strips along city roads (2021)

GREEN INFRASTRUCTURE GUIDEBOOKS

Client/publisher: Municipality of Budapest

Informative booklets to support planning and decision making

6 issues so far

Free

Available online: <https://leptek.hu/en/publications>

Edited and written by professionals who are most knowledgeable about the topic

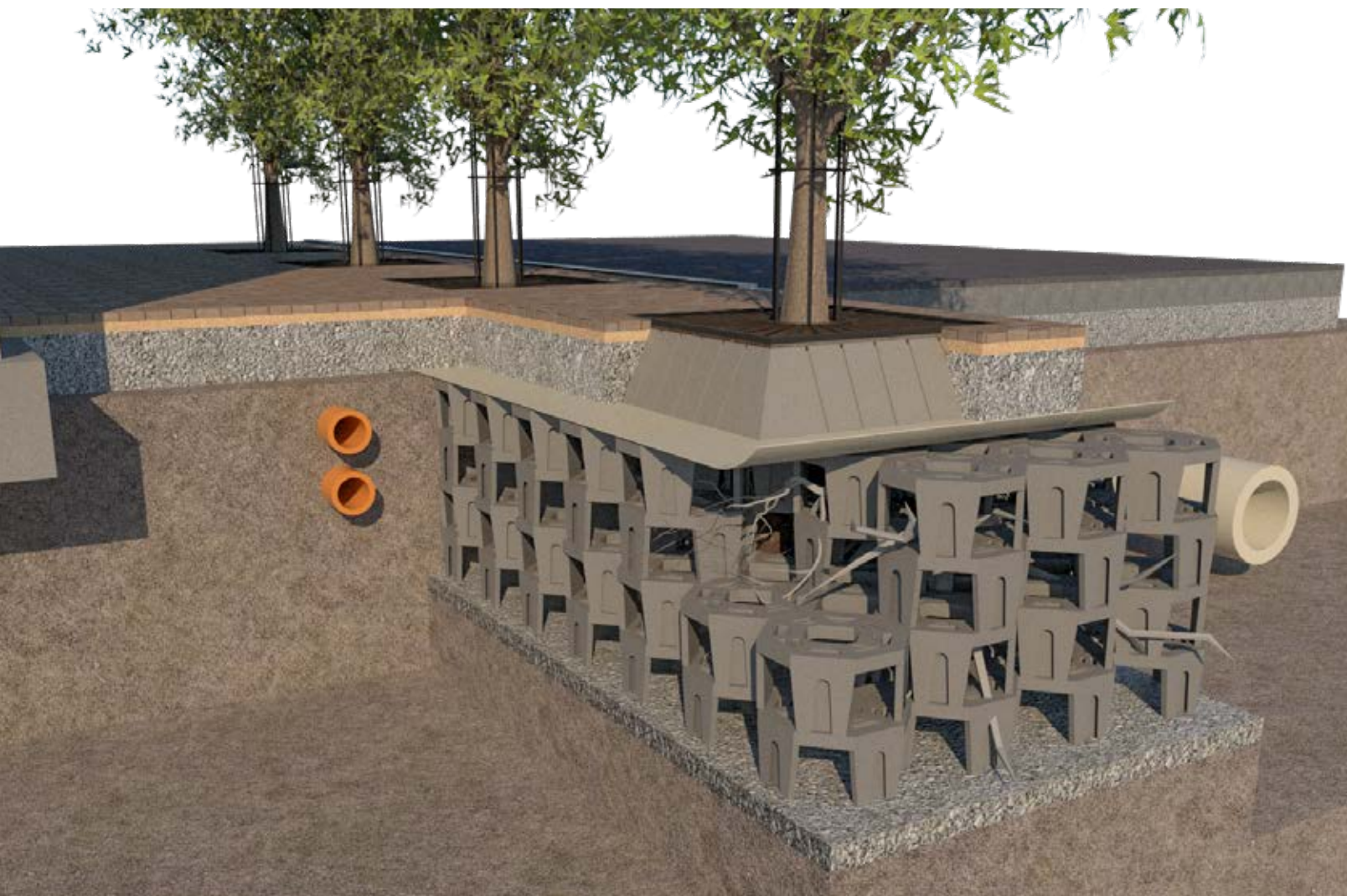


AIMS OF THE GUIDEBOOKS

- Supporting the development of green infrastructure in the city
- Sharing the knowledge
- Sharing best practices from in and outside the county
- Present innovations
- Show technical details
- Replacement of missing literature
- Create a professional background as a reference
- Policy making



The guidebooks widely distributed literature within the profession and beyond
Used in the university, education, by municipalities, road-, utility designers and landscape architects.
Referenced in road technical regulation (Regulation of Planting Along Rural Roads Including Aspects of Traffic Safety)
Recommended literature in the tenders of the inner courtyard renewal projects
Utility service providers ask the technical solutions shown in the guidebook
The protection of urban green areas and trees are getting more and more significant role in municipal regulations
Innovations are spreading



Before the construction...



Under construction...

80 cm deep structural soil along the planted area (90 000 m²)
Initiative came from the client and resulted as the biggest continuous planting bed with Stockholm structural soil in Budapest



First spring after the construction...



in Green Infrastructure vol.4

THANK YOU FOR YOUR ATTENTION!

Permeable pavements

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Green facades

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Water sensitive design in urban open spaces

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Relationship between urban trees and utilities

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Protection of tree pits and green strips along city roads

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