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Green Infrastructure - Its knowledge in the public and general assessment needs

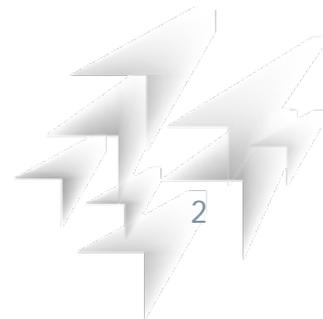
Dr. Henriette John | Leibniz Institute of Ecological Urban and Regional Development



CENTRAL QUESTIONS

- 🌱 What is the level of knowledge about the term and approach Green Infrastructure (GI) in the public?
- 🌱 What are the Needs for a GI assessment?

→ Workshops, Questionnaires, Interviews



TARGET GROUPS

- 🌱 national / regional / local public authorities
- 🌱 sectoral agencies
- 🌱 interest groups including NGOs
- 🌱 higher education and research
- 🌱 education/training centres and schools
- 🌱 infrastructure and (public) service providers



WHAT IS GREEN INFRASTRUCTURE?

natural areas in settlements and their surroundings: parks, meadows, forests, water bodies

green / planted areas that are networked with each other: Parks, forest areas, avenues ...

Green corridors and functional spaces

protected areas, ecological corridors, Green in the cities, Strengthening nature conservation, Access to green areas

protection of nature and environmentally friendly action, preservation of existing areas, possible improvement in less "green areas"

A series of (green) landscape elements that contribute to the ecological stability of the landscape through their ecological function

Term that tries to translate "environment" into planning language

Natural space equipment in connection with utilisation concepts - nature conservation, tourism, agriculture and forestry

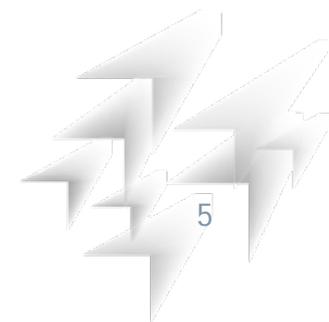
Networking platform of "green" actors, projects etc.?



1) PROMOTION OF THE TERM AND APPROACH



- improve the knowledge about the term Green Infrastructure (GI)
- promote the GI approach
- raise the awareness of the multifunctionality and the benefits GI can provide



2) EDUCATIONAL TOOLS

- integration into higher education
- training courses for all kinds of stakeholders
- increase the awareness of the importance of GI, especially in connection with nature conservation and biodiversity preservation



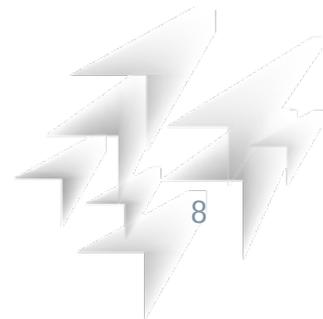
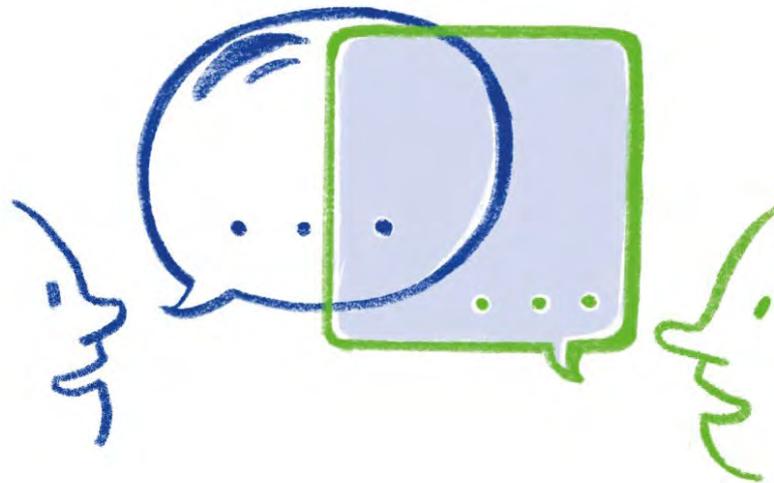
3) SIMPLE ASSESSMENT TOOLS

- simple, understandable and easily usable, enabling GI assessment by a broad variety of different stakeholders
- for local administrations, decision-makers, bodies of renovation and development as well as schools
- specific solutions, guidelines or actions, which can be implemented in local spatial management plans etc.
- compatible format to implement assessment results in different common planning documents



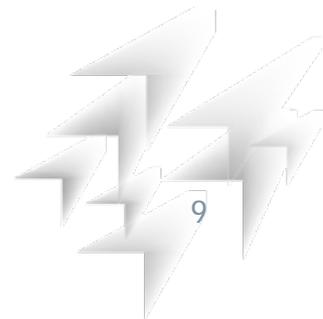
4) COOPERATION / COORDINATION

- ☺ Cooperation/coordination of GI assessment and targets with communities, planning authorities, managers of grey infrastructure, other GI-projects, etc.
- ☺ working together among institutions
- ☺ further inter-sectoral dialogue



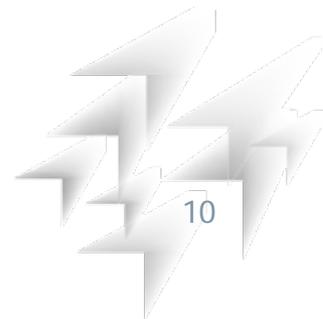
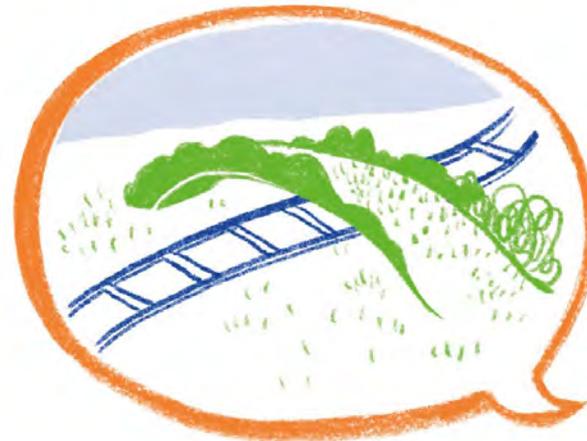
5) BORDERLESS GI NETWORKS

- planning and assessing the GI network independently of administrative boundaries
- to improve landscape permeability and to create transregional habitat networks



6) LINKING GREEN AND GREY

- ➊ thinking the GI approach even more in conjunction with grey infrastructure
- ➋ grey infrastructure, like railways or cycle paths with their accompanying green, can have a networking function for other green areas
- ➌ a sufficient Grey Infrastructure, e.g. digital networking or cycle paths, can be needed to make most value out of the Green Infrastructure



7) CONNECTING (PERI-)URBAN GREEN

- ➊ improvement of the network of urban green itself
- ➋ improvement of the ecosystem services and benefits it provides
- ➌ connecting urban green with the surrounding landscape
- ➍ peri-urban zones as a kind of buffer between the settlement and the intensively used landscape need a special management and enhancement



GREEN INFRASTRUCTURE HANDBOOK

CONCEPTUAL & THEORETICAL BACKGROUND, TERMS AND DEFINITIONS



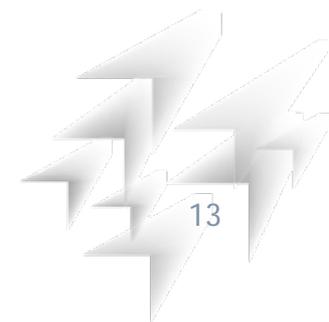
- 185 pages compendium
- Terms and Definitions
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- Green Infrastructure Assessment Needs/ Specifications

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Regulation Topic	Global or regional international regulations	EU	AT	AT, Lower Austria	CZ	DE	DE, Saxony	IT	IT, Piedmont	PL
Green Infrastructure										
Green Infrastructure		GI				GI				
Protection of Nature, Biodiversity and Landscape										
Nature and Biodiversity Protection (in general)				GI	GI	GI	GI			GI
Biodiversity Protection	GI	GI	GI		GI					
Species Protection	GI	GI		GI		GI				
Invasive Species Management		F		F		F				
Protection of areas/habitats	GI	GI		GI						
Landscape Protection		GI		GI						
Protection of Cultural and Natural Heritage	GI	GI					GI		GI	GI
Environmental Protection										
Prevention of harmful Effects on the Environment (in general)		F		F		F				
Environmental Liability		F		F		F				
Environmental Assessment (EIA / SEA)	F	F	F		F					
Water Protection	GI	GI	F		GI	GI	GI	GI	F	GI
Air and Climate Protection		F	F		F	F	F			F
Soil Protection		F		F						
Economy and Sustainable Development										
Agriculture		GI		GI	GI	GI	GI			GI
Forestry		GI								
Hunting and Fishing		GI	F	GI	GI	GI	GI	F	GI	GI
Tourism and Recreation	GI	GI		GI						
Energy		F	F		F	F	F			F
Sustainable Development		F	F		F	F	F	F		F
Spatial Planning										
Regional and Local Planning		F		F	GI	GI	GI		GI	GI
Urban Planning		GI		F	GI					
Sectoral Planning		F	GI	F	F	F	F		GI	GI
Access to Information on the Environment and Public Participation	F	F	F	F	F	F	F	F	F	F

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 - Educational Tools
 - Simple Assessment Tools
 - Cooperation and Coordination
 - Borderless GI Networks
 - Linking Green and Grey Infrastructure
 - Connecting (Peri-)Urban Green

Available here:
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Thanks!



All graphic illustrations by Anja Maria Eisen

