

6th LE:NOTRE Landscape Forum 2017
Freising-Weihenstephan, May 16th - 20th, 2017

Working Group

‘Socially inclusive Urban Green Infrastructure in Munich’

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A contrast between farmland and built up area in the project area of the “Park Mile” Munich North |

This workshop explores the potentials for enhancing social inclusion via Urban Green Infrastructure - an interconnected network of green spaces that benefits people, natural resources, wildlife, townscape and the economy.

Workshop Outline

Why is this case interesting?

The peri-urban area of Munich is of topical interest for the following reasons:

- **Urban growth:** Munich belongs to the 10 most important European Metropolitan Regions in terms of its economic growth. Consequently, the expansion of settlement areas and transport infrastructures has been appr. 6% between 2004-2010. The population of the City of Munich, currently at 1.5 Mio., is expected to grow by another 230,000 inhabitants until 2030. The present population for the entire urban region is around 5,5 Mio. Within the city, the population density is one of the highest in Germany (47 residents per hectare). 39% of the residents are foreigners or Germans with a migration background. Urban development will increase pressure on urban green spaces. On the other hand an increase in residence raised the demand for public green structures for recreation.
- **Green areas:** The metropolitan region of Munich offers a high quality of life. Besides the urban setting with its cultural values this is also because of its natural and semi-natural landscapes, offering a variety of recreational destinations. Around 10% of the region belongs to the Natura 2000 ecological network of protected areas under the habitats directive (FFH). Protecting and developing a green belt around the City of Munich is of great importance for biodiversity, recreation and for its climatic functions. Together with riverine landscapes (Isar and others), as well as parks and other existing green spaces it is the 'green network layer' of the Open Space Development Strategy Munich 2030.
- **Urban Green Infrastructure – UGI:** can help to maintain and enhance quality of life in urban areas through adoption of four planning principles: multifunctionality, connectivity, integration and social inclusion (Hansen et al. 2016). Multifunctionality is concerned with the provision of several ecological, socio-cultural, and economic benefits by intertwining different functions of urban green space. Connectivity includes both ecological and social connectivity. Integration recognizes the potential of a more holistic planning approach by linking green and grey infrastructures while socially inclusive planning is concerned with equity in planning processes. Thus, UGI planning includes several main principles to promote social cohesion, biodiversity, climate change adaptation, mental health and well-being, and green economy.

- **Equity and Accessibility:** Urban Green Infrastructure planning processes are open to all and incorporate the knowledge and needs of diverse parties, with special emphasis on including affected and vulnerable social groups and disadvantaged people. Consequently, Urban Green Infrastructure is seeking to balance the interests of different stakeholders in order to reach a higher level of accessibility to green space services and benefits.
- **Urban Open Space with particular design qualities:** The aesthetic and spatial dimensions of open space systems are especially important for the peri-urban situations, because, they are often spaces without a distinct character. The public space is here the main *medium* that is able to structure the citizen's mental map, which enables orientation and identification with the daily living space.

Questions this workshop is going to address:

Urban green spaces are diverse in regard to spatial accessibility and functional connectivity as well as their design, management, ownership and stakes involved, thus stimulating different forms of interaction and participation. In turn, this diversity will influence and alter the qualities of urban green spaces related to social benefits, such as relaxation and regeneration, health, physical and emotional well-being, local identity and community cohesion, but of other kinds as well, like biodiversity and ecological functions. Within this workshop we will discuss these aspects from different perspectives and elaborate on how planning processes can promote a socially inclusive development of UGI. Accordingly, we will address the following questions at the hand of the Munich case:

- What are the main principles and objectives of UGI promoting social inclusion?
- How do different types of urban green spaces offer different opportunities for social inclusion, and how do those promote different qualities of urban green space?
- How can aesthetic qualities of open spaces and the surrounding urban context be developed and linked to ecological and social functions of UGI?
- Which principles and typologies of open spaces can be developed for a socially inclusive UGI in Munich and which lessons can be drawn for application in other European regions?

Workshop Leaders



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Local Experts



Kerstin Langer

Landscape Planner, City of Munich

Local expert, excursion



Dr. Johannes Gnädinger

Landscape Planner, PSU Schaller and Leader of the
Working Group Landscape “Metropolitan Region Munich”

Local expert



Philipp Königer

Landscape Planner, City of Munich

Local expert



Rieke Hansen

Landscape Planner, Technical University of Munich

Local expert and discussion moderator

Workshop structure

1. **Excursion** (Day 2, Wednesday, 17th of May)

We will start with a visit to the “Park Mile Munich North”, where we will walk transects through the inner park mile, surrounding neighborhoods and other open and green spaces. The main aim of the excursion is to directly experience different urban settings and their potentials for social inclusion. These may differ depending on spatial accessibility and functional connectivity, as well as design, management, ownership, responsibility, and therefore stimulating interaction and participation in different ways. The excursion will take part together with the Cross-cutting Working Group Landscape Perception. More details can be found in the excursion programme at the end of this document.

2. **Impulse** (Day 3, Thursday, 18th of May)

To provide input to the workshop the following impulses will be provided, in combination with a moderated discussion “Can UGI contribute to social inclusion or is it a modernist illusion?”

- Framework for UGI planning principles and objectives
Werner Rolf (European Green Surge project)
- UGI planning and Nature Based Solutions
Maria Beatrice Andreucci, (European GreenInUrbs project)
- Inclusive Munich – Open Space Concept Munich 2030
Philipp Königer (City of Munich)
- Presentation of results from a joint student project “Park Mile Munich North”
Uta Stock Gruber, Christoph Jensen, Martina van Lierop (HSWT and TUM)

3. **World Café** (Day 3, Thursday, 18th of May)

Using the World Café method, we will discuss the potentials of urban green space for social inclusion. The World Café is planned in cooperation with the Cross-cutting Working Group Landscape and Democracy. At different thematic tables we will discuss related topics such as individual and collective use of green spaces, also by different social groups, as well as formal and informal uses; connectivity to adjacent structures and the neighborhood; multifunctionality of green space use, meaning of the park mile for city and region; *democratizing* green space. Based on experiences and observations made during the excursion (Wednesday), we will draw conclusions for each thematic table that may be transferable to other regions as well.

4. **Upscaling** (Day 4, Friday, 19th of May)

Based on the outcomes of the World Café, we will discuss the concepts and principles of urban green spaces and social inclusion, which are not only related to the research area (Park Mile Munich North) but also possibly transferable to other metropolitan regions across Europe.

5. **Potentials, challenges and needs** (Day 4, Friday, 19th of May)

With our developed ideas, principles, and concepts in mind, we look back at our initial question “Can UGI contribute to social inclusion or is it a modernist illusion?” and will try to answer it regarding:

- Potential contributions of UGI for social inclusion
- Challenges for UGI contributing to social inclusion
- Key aspects for UGI planning contributing to social inclusion

6. **Reflection, Finalizing outcome** (Day 4, Friday, 19th of May)

We will take a transdisciplinary approach looking at these aspects and findings, while considering each other’s perspective (practitioners, scientists, students, teachers....).

The perspective of **Practitioners**:

- What do the practitioners need from researchers for better UGI planning considering social inclusion? What do they need to better understand?
- Which knowledge and skills do we need to develop to be prepared for UGI planning aiming at social inclusion?

The perspective of **Students and Teachers**:

- What do students need to learn to be better prepared for UGI planning aiming at social inclusion?
- What is required for better education and capacity building in UGI planning aiming at social inclusion?

The perspective of **Researchers**:

- What do we still need to know to better understand the relationships between UGI and social inclusion? What is missing from overall picture so far?
- How to research the arising questions?
- How can we effectively transfer scientific knowledge about the UGI and social inclusion, making it more accessible?

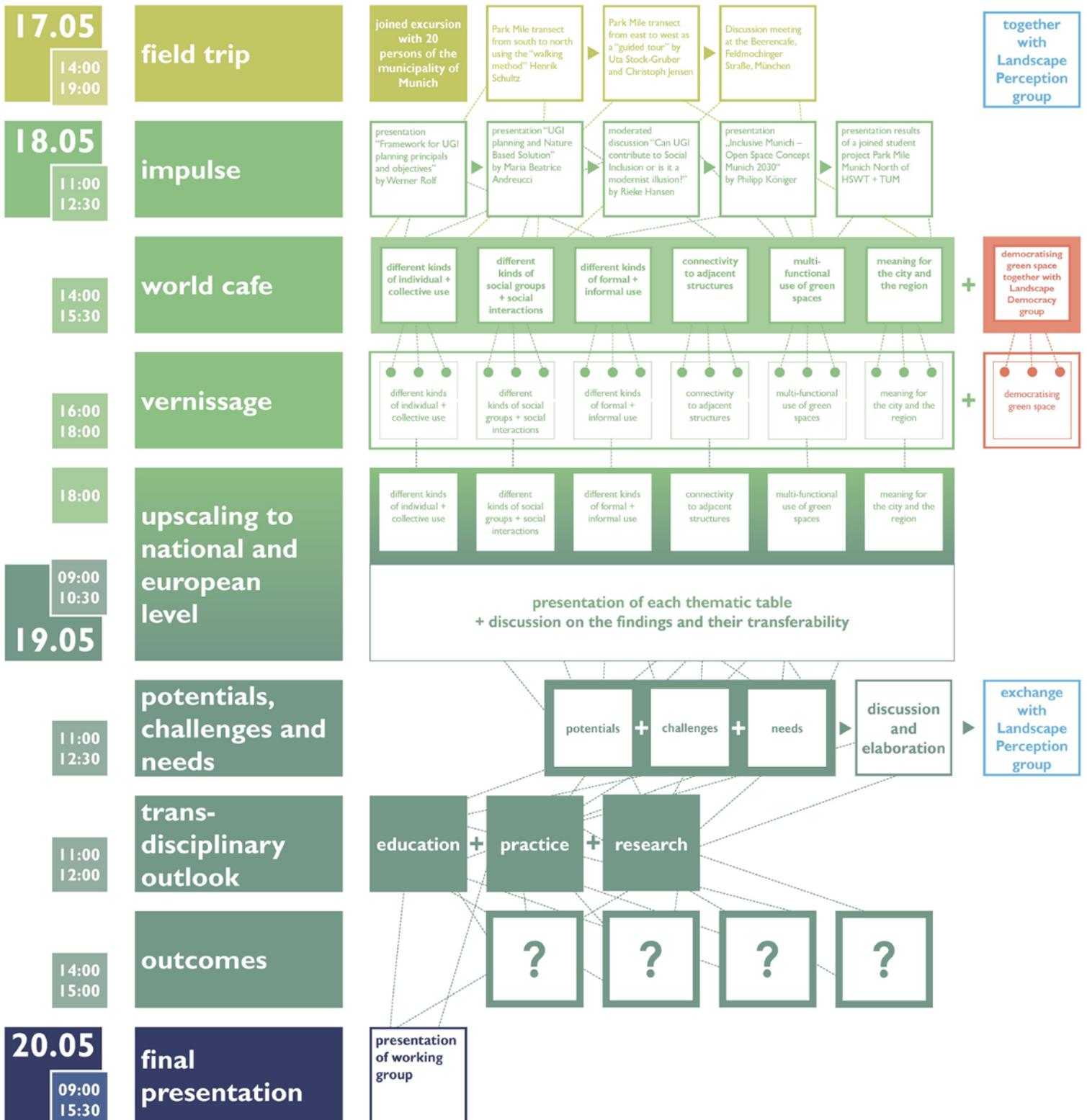
7. **Presentation of the results** (Day 5, Saturday, 20th of May)

The outcomes and results of the workshop will be jointly presented by participants and leaders, in a final plenary session of approximately 10-15 minutes.

Workshop outcomes

Next to getting to know each other (practitioners, scientists, students, teachers...), networking and learning from each other, we will produce tangible outcomes, such as: a joint report, posters with sketches, photos, documentation of reflections and good-practices from research, education and professional practice, results of the interdisciplinary planning and design sessions, relating to the Munich context as well as to other European metropolitan areas. Workshop results and key findings will finally be considered also for professional and scientific future publications.

Workshop overview



Detailed Programme

Day 1 - Tuesday, 16th of May			
Time	Activities and/or topics	Actors	Place / Room
13 00	Registration starts (until max. 20 00)		TUM (iGZW) room DG01 (3rd floor)
13 30	only in case of a registration/participation: Doctoral Colloquium and in parallel Teaching Workshop	Ellen Fetzer Elke Mertens, Nilgül Karadeniz	HSTW, C4, C4.211 TUM (iGZW) DG01
16 30	Coffee break		TUM (iGZW) / DG01
17 30	Guided campus walk	Frieder Luz, Jonas Würtele, Andreas Printz	start (and end) at TUM (iGZW) DG01
18 30	Welcome Event and Introduction Organizers Boards	Nilgül Karadeniz, Ellen Fetzer, Stephan Pauleit, Markus Reinke, Cristina Lenz, Ingrid Schegk	TUM (iGZW) DG01
20 00	Welcome reception		TUM (iGZW) DG01

Day 2 - Wednesday, 17th of May

Time	Activities and/or topics	Actors	Place / Room
8 00	Registration starts (until max. 11 00)		HSWT (D1) / Foyer (ground floor)
09 00	(Short) Welcome, Keynotes about 'Inclusive Landscapes', part 1: <ul style="list-style-type: none"> • Moderation • Landscape from the human and social perspective • Environmental Justice from the perspective of ethics and health 	<p>Nilgül Karadeniz</p> <p>Bettina Oppermann Olaf Kühne</p> <p>Claudia Hornberg</p>	HSWT (D1) / room D1.302 (1st floor)
10 30	Coffee break		HSWT (D1) / Foyer
11 00	Keynotes about 'Inclusive Landscapes', part 2: <ul style="list-style-type: none"> • Social Inclusion from the perspective of political science, • Transdisciplinary Concepts and Methods from the perspective of social ecology, • Final discussion: How do we plan inclusive landscapes? 	<p>Jan-Hendrik Kamlage</p> <p>Diana Hummel</p> <p>Bettina Oppermann</p>	HSWT (D1) / D1.302
12 30	Introduction to the region of Munich's North and to the excursions	Stephan Pauleit	HSWT (D1) / D1.302
13 00	Lunch break Please note: you need to leave building D1 at 13.50 - it takes 10 minutes on foot to the meeting point!		HSWT (D1) / Foyer
14 00	WS Social Inclusive UGI Excursion: Visit of the "Park Mile Munich Munich"	See additional programme	
19 30	Joint dinner in the project area	all	Landgasthof Hofmeier, Hetzenhausen
~ 23 00	Return to Freising (by bus)		

Day 3 - Thursday, 18th of May

Time	Activities and/or topics	Actors	Place / Room
09 00	Input: Integrative 2D- and 3D-GIS Applications in Dynamic Suburban and Urban Landscapes	Johannes Gnädinger and Cristina Mattos	HSWT (D1) / D1.302
09 15	Short impulses of local experts and panel discussion	Requested: Andrea Gebhard, Johannes Gnädinger, Moderation: Henrik Schultz	HSWT (D1) / D1.302
10 30	Coffee break		HSWT (D1) / Foyer
11 00	WS Social Inclusive UGI Impulses: Introduction in the working structure and program of WS	Werner Rolf and Workshop leader	HSWT (D1) room D1.402 (2nd floor)
	<ul style="list-style-type: none"> • Framework for UGI planning principals and objectives • UGI planning and Nature Based Solution 	Werner Rolf Maria Beatrice Andreucci	
	Moderated Discussion <i>"Can UGI contribute to Social Inclusion or is it a modernist illusion?"</i>	Rieke Hansen	
	<ul style="list-style-type: none"> • Inclusive Munich – Open Space Concept Munich 2030 	Philipp Königer, City of Munich	
	<ul style="list-style-type: none"> • Presentation results of a joined student project <i>Park Mile Munich North</i> (HSWT +TUM) 	Uta Stock Gruber, Christoph Jensen, Martina van Lierop	
12 30	Lunch break		HSWT (D1) / Foyer
13 45	LLF group photo	all LLF participants + local experts etc.	HSWT (D1) / Foyer
14 00	WS Social Inclusive UGI World Café: World Café with about seven different thematic tables and five discussion rounds	Working group leader as table hosts at each different thematic table	HSWT (D1) room D1.402 (2nd floor)
15 30	Coffee break		HSWT (D1) / Foyer
16 00	World Café (continue) Vernissage and conclusions; Analysis of results, deriving general ideas and principles	Working group	HSWT (D1) room D1.402 (2nd floor)
20 00	Common dinner opportunity		To be discussed

Day 4 - Friday, 19th of May

Time	Activities and/or topics	Actors	Place / Room
09 00	Introduction in the day	Werner Rolf	HSWT (D1) room D1.402 (2nd floor)
	WS Social Inclusive UGI Upscaling: Discussion of the findings of the different thematic tables and transferability across Europe	Moderated working groups, moderation: Martina van Lierop	
10 30	Coffee break		HSWT (D1) / Foyer
11 00	WS Social Inclusive UGI Potentials, Challenges, Needs	Moderated working groups, moderation: Martina van Lierop	HSWT (D1) room D1.402 (2nd floor)
12.00	Exchange of the working groups with the Landscape perception group	Working group with Landscape Perception group	HSWT (D1) room D1.402 (2nd floor)
12 30	Lunch break		HSWT (D1) / Foyer
14 00	WS Social Inclusive UGI Conclusions, finalizing Outcome: Transdisciplinary look at findings from different perspectives (practitioners, scientists, students, teachers....)	Moderated working groups, moderation: Martina van Lierop	HSWT (D1) room D1.402 (2nd floor)
15 30	Coffee break		HSWT (D1) / Foyer
16 00	LE:NOTRE Student Competition - Award ceremony and presentation of the results of the prize winning teams	Ellen Fetzer, Marion Linke, Tilman Latz	HSWT (D1) / D1.302
18 00	Reception with buffet and Sentilinga Jazz Quartet, self-organised walk through the LLF poster exhibition	Everyone!	HSWT (D1) / Foyer

Day 5 - Saturday, 20th of May

Time	Activities and/or topics	Actors	Place / Room
09 00	Presentations of the working groups / Plenary session. Part 1 with the working groups: - Rurban: Agriculture and Foodscapes - Recreation and Tourism - Landscape and Democracy (each group: 15 minutes presentation and 15 minutes moderated discussion)	Introduction and moderation: Maria Beatrice Andreucci, presentations: working group representatives	TUM (iGZW) / DG01
10 30	Coffee break		TUM (iGZW) / DG01
11 00	Presentations of the working groups / Plenary session. Part 2 with the working groups: - Urban Green Infrastructure - Heritage and Identities - Landscape Perception (each group: 15 minutes presentation and 15 minutes moderated discussion)	Introduction and moderation: Maria Beatrice Andreucci, presentations: working group representatives	TUM (iGZW) / DG01
12 30	Lunch		TUM (iGZW) / DG01
14 00	Outcome Statement Final discussions Pre-announcement LLF 2018 Good-bye	Ellen Fetzer Erich Buhmann Nilgül Karadeniz, Ingrid Schegk, Stephan Pauleit	TUM (iGZW) / DG01
15 30	Coffee break		TUM (iGZW) / DG01
16 00	Farewell Recommended: self-organised visit of the Weihestephan Gardens, especially of the Trial Garden / Sichtungsgarten (Am Staudengarten 8, open until 6.00 pm, visit is free of charge)		

Programme of the Field Trip

We will start with a visit to the “Park Mile Munich North”, where we will walk transects through the inner park mile, surrounding neighborhoods and other open and green spaces. The main aim of the excursion is to get an impression of the different urban green structures and their potentials for social inclusion: public parks and recreational areas; street trees, hedges, railroad banks, green playgrounds, institutional green (e.g. school grounds), private or commercial green (house/backyard/ residential gardens, neighborhood green space allotments, tenant gardens..), building greens (green roofs, facade-bound green walls...), agricultural land (arable, grassland, horticulture...), forests (remnant woodland, managed forests, shrubland, mixed forms...) etc., as well as urban typologies like building structures (single houses, single row housing, apartment buildings etc.) and neighborhood structures (size, form, diversity...), including transition zones between green spaces and build up areas and their potentials for socially inclusive processes. These may differ depending on spatial accessibility and functional connectivity, as well as design, management, ownership and stewardship, and therefore stimulate different forms of interaction and participation.

Our route is split in two sections:

Section 1) Transect from south to north using the “walking method”

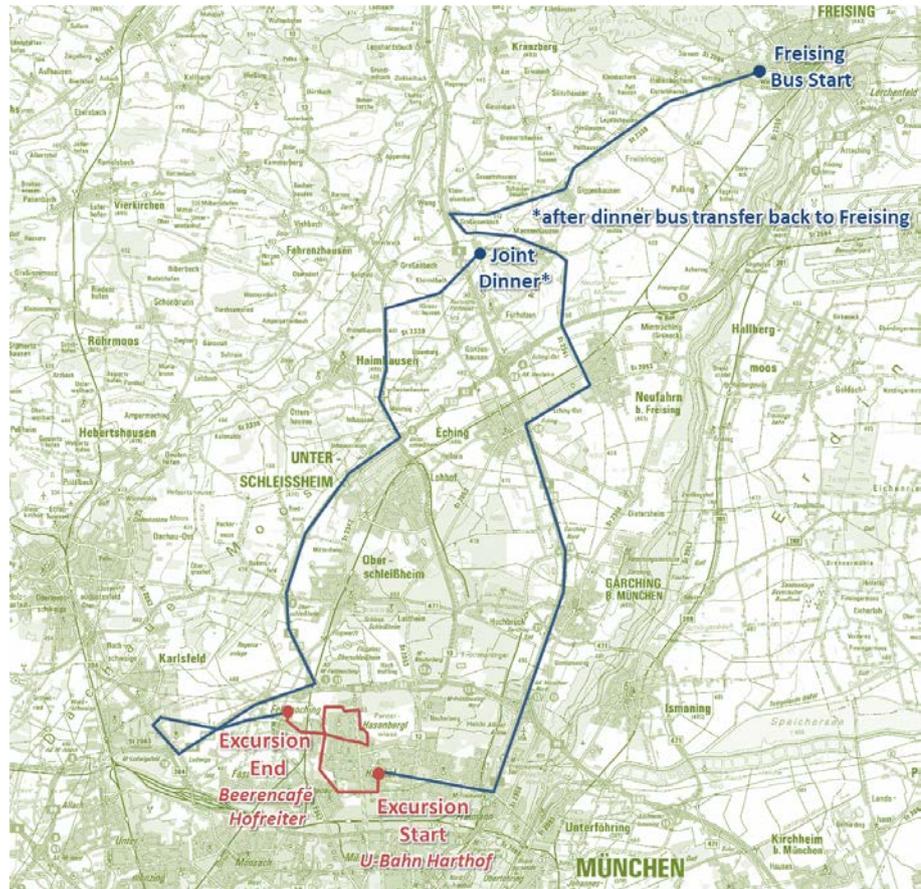
With the focus of inclusiveness in mind, we will do a walking tour in order to experience the “Park Mile” and its surroundings. We search for characteristics, curiosities and relevant questions related to our topic, as well as ephemeral qualities. To do so the following three guidelines will give support:

- Walk swiftly and in silence for most of the time.
- Pay attention to the place with all its scents, flavors, views, textures, voices, stories. And especially the way people walk, meet, greet, participate and engage in the open spaces.
- Take a maximum of 10 photos and do as few sketches as possible. If you find something that triggers your attention, examine it and, if possible, take it with you.

Section 2) Transect from east to west as a “guided tour”

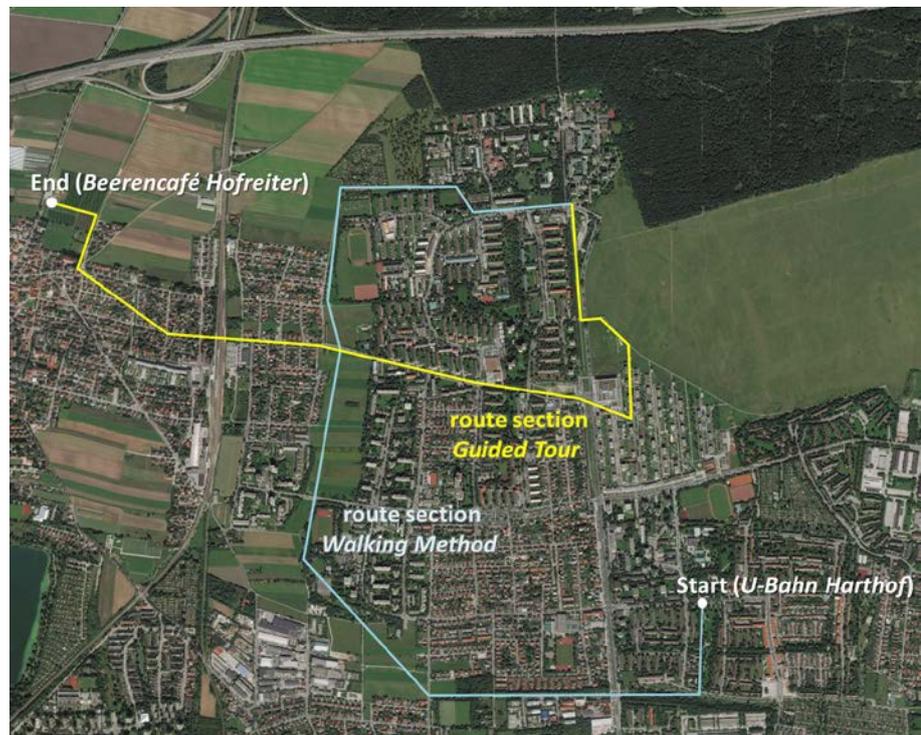
In the second part, we will be guided by local expert Kerstin Langer from the city of Munich, who will introduce us to the history of and the future development plans for the northern edge of Munich. This transect will end at the “Berry Café” from the fruit farm “Hofreiter”. Here we will reflect the impression of the excursion, before we will meet the other forum participants for a joint dinner in the evening.

Overview map of excursion route:



Source: Bayerische Vermessungsverwaltung – www.geodaten.bayern.de

Detailed map of excursion route:



Source: Bayerische Vermessungsverwaltung – www.geodaten.bayern.de