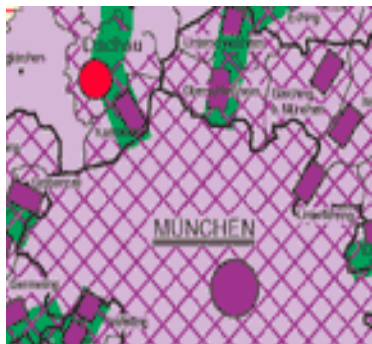
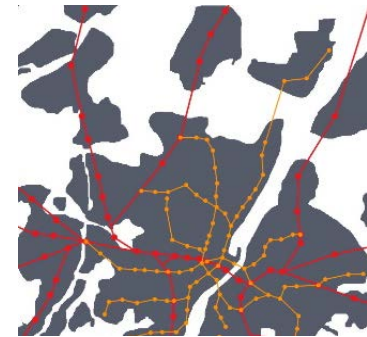


Projekt im Master Urbanistik, Wintersemester 2014/15
Prof. Dr. Alain Thierstein, Dr. Nina Alaily-Mattar, Franziska Becker, Lukas Gilliard

The North of Munich Stuck in transition?



Time: Tuesdays 9:00-18:15 & Wednesdays 13:00-18:15
Venue: Room 1815 (Heizkraftwerk) & Grüner Saal

Course Syllabus



Course objectives

Cities continue to exist as administrative entities. Cities, small and large, boast the historical span of their status as cities, celebrating founding days, asserting their ages as cities, explaining the etymology of their names and so on. Being a city instills, supposedly, a sense of pride to those who dwell within its boundaries, as they share local autonomy, identity and tradition. However, the normative logic of city boundaries, indeed the very logic of the concept of the city as a definite bounded entity, is at odds with the logic of contemporary urbanism. Lefebvre declared as early as 1970 that “to speak of the urban is to look beyond the “city”, to encompass an entire way of being, thinking and acting... In this sense, a vacation home, a highway and a rural supermarket are all part of the urban tissue” (Lefebvre, 1970/2003: 3–4).

With growing awareness that the urban extends beyond city limits, and that increasingly problems faced locally can neither be solved at the local city level nor at the national level, the regional scale gained importance towards the end of the last century. Storper’s (1996) now outmoded axiom of a “regional world” paved the way. Today polycentric urban regions are a hot topic of current research in the field of spatial sciences, signaling a shift from territorially embedded to relational conception of space (Harrison, 2013).

Within this context of an increasingly relational world amidst the territorial pervasiveness of cities, how do we understand the spatial reality at the crossroads of urban transition today? And what transformations in spatial organization do we envisage to guide the evolution of urban societies, whose quotidian habitats mess up our overtly neat conceptualizations of space? Lefebvre’s concept of “urban fabric” captures the logic of urban space being relationally interwoven across normatively defined city boundaries. As a selectively interwoven, territorially disruptive physical continuum, the urban fabric is a more nuanced description of the physical reality today than the idea of “metropolitan regions ... spreading out physically” (Storper, 2013: 3) or the notion of “endless cities” (Burdett and Sudjic, 2011) without clear boundaries. Yet how is the urban fabric constructed at the regional scale? How can we translate the analytical exercise “from places to flows” (Harrison and Grove, 2012; Harrison,

2012) into a planning exercise? How can planners and urban designers catch up with the analytical findings of urban geographers?

This course is concerned with this moment of creative tension between the urban as networks of connections and cities as bounded territories. The idea is to contemplate the emerging spatial patterns of the urban beyond the category of the city.

Towards this purpose, we zoom in to a case study literally at our doorstep, namely, the area spanning the north of Municipality of Munich and the five municipalities of Garching, Ismaning, Oberschleissheim, Unterföhring, and Unterschleissheim. All five municipalities are located at the northern gateway to the city of Munich. They all belong to the northern section of Landkreis Munich. Garching and Unterschleissheim have the status of cities (Stadt), while, Ismaning, Oberschleissheim, Unterföhring are considered “Kommunen”. Administratively, each of these municipalities is autonomous, with its locally elected mayor.

Our interest in these five municipalities stems from the fact that they are sandwiched between the city of Munich and the airport area. Hence, this focus area presents an interesting case in which the urban as an economic, social and spatial force is negotiating physical territorialities. Despite their relative local autonomy, these municipalities are immediately affected by the growth of Munich and the seemingly insatiable hunger of this growth for land and the not yet fully realized potential of, Munich’s airport as an engine of growth.

The objective of this course is to analyze and suggest proposals to address the challenges and opportunities faced by these five municipalities owing to their particular geographic location. Therefore, this project is concerned with how Munich’s northern neighboring communities respond to the size, density and shape of Munich to come. It is about the spatial responses to exogenous pressures of population growth, service provision, and infrastructure needs and the impact that spatial configurations have on the future of these municipalities. How do we (as urbanists, spatial experts) envisage the spatial organi-

zation of this focus area to be like in the future? What needs to be done where, when and by whom, so that it will become this way?

Course description

This course is organized into lectures and studio work. Lectures provide valuable source of information regarding the tasks at hand. Studio work is mandatory. Students are expected to be working in the studio Tuesdays from 9:00-18:15 and Wednesdays from 13.00-18.15, during which they will either be working together in groups or will be tutored. Pin-ups occur on a regular basis. Students are requested to present the status of their work to the rest of the class.

The course work is divided into three main assignments, in which students will be working in groups. The groups will be assigned in the beginning of the semester. Groups will be tutored during studio hours. Group work is vital for the success of this project. The exchange of background experience that each student brings, in addition to dialogue and negotiation, pushes the discussion forward and enriches the consensus that each group presents.

The first assignment is dedicated to analyzing the focus area. Analyzing urban areas is a complex task we divide it into:

- (a) Physical spatial analysis: Students are required to analyze the existing spatial structure (grain, density, landscape, land use, land ownership), administrative boundaries, assets and landmarks, and the historical evolution of the spatial structure.
- (b) Thematic analyses: These analyses cover the three inter-related themes of economy, housing/population and mobility. (1 theme/ group)

The findings will highlight the strengths and weaknesses of the focus area and spatialize these where possible. The idea of the first assignment is not to be all encompassing. Rather the objective is to identify the key issues at stake, and sieve through the particularly spatial components of these key issues. At the end of this first part of the course, students will be able to organize and innovatively visualize their comprehension of thematic strengths/weaknesses of the area under study, categorize these at different scales and understand

the linkages of different scales of analysis. On October 28th, 2014, each group will present its findings on two A0 Sheets.

The second assignment brings the time dimension to the fore. Urban development is a dynamic process that projects into an unknown future. Users' requirements, tastes, values and lifestyles change over time. Population characteristics are dynamic. Demography today is certainly different than the one in the future. In this part of the course, the assignment will be a systematic investigation of trends and the future opportunities and threats that our focus area faces. The objective of this assignment is to derive evidence-based, possible and desirable alternative futures for the focus area under investigation. With alternative futures, we mean narratives of future functionalities alongside schematic visualizations of the spatial dimension of these futures. On November 25th, 2014, each group will present its findings of the trends analysis, alongside its alternative future concept on two A0 Sheets.

The third and final assignment is focused on the development and spatialization of a selected alternative future concept. By now the students will have identified the key issues that the focus area face and developed a conceptual proposal of how these challenges are to be addressed. The objective of this assignment is to move from a concept to a spatial development strategy. The challenge in this assignment is to move from ideas conceived in numerical and narrative forms to images (diagramme/ map), and then from images to plans. This will entail thinking of the urban in terms of connections, networks, relationships and mobility, rather than static buildings or places.

Plans describe a path of actions for development. As a result they must address the temporal scale of urban development. Impact orientation and multi-scalarity are also key considerations.

In a presentation with invited guests on January 27th, 2015, students present their proposals of strategic urban development plans at various relevant scales on four A0 sheets.

Deliverables and due dates

For each assignment hard copies in the form of A0 sheets (landscape layout) and a 12-15 minutes presentation are expected as a deliverable. The presentation and the A0 sheets will contribute to the grade of each assignment. PowerPoint slides can be used as an aid for the presentation. The language in all outputs has to be German.

Deliverables are to be handed in person at the Chair for Urban Development on the due date by 16:00. The due dates are as follows:

Assignment 1: “Thematic and physical spatial analyses”

Monday, 27th Oct., 2014 at 16:00

Deliverables: 2 A0 sheets

Student presentations: Tuesday, 28th Oct., 2014
9:00-12:00

Assignment 2: “Trends analysis and future alternatives”

Monday, 24th Nov., 2014 at 16:00

Deliverables: 2 A0 sheets

Student presentations: Tuesday 25th Nov., 2011
9:00-12:00

Assignment 3: “From concept to spatial development strategy”

Monday 26th Jan, 2015 at 16:00

Deliverables: 4 A0 sheets

Final presentations: Tuesday 27th Jan., 2015
8:00-12:00

Grading

The grades for the individual assignments contribute to the final grade in the following manner:

Assignment 1: 15%
Assignment 2: 15%
Assignment 3: 70%

Lectures schedule

WEEK 1:

Tuesday, 07.10.2014 (Room 1815)

9:00-9:45

Alain Thierstein “Introduction”

9:45-10:30

Nina Alaily-Mattar “Urban transformation, spatial transformation?”

WEEK 2:

Tuesday, 14.10.2014 (Unterschleissheim, Garching)

9:00-10:00

Bastian Albrecht, Regional- u. Flächennutzungsplanung
Stadt Unterschleissheim

13:30-14:30

Michael Blaschek, Business Campus München - Garching

WEEK 3:

Tuesday, 21.10.2014 (Room 1815)

10:00-11:00

Marc Hofmann “ROEK München Südwest”

WEEK 4:

Wednesday, 29.10.2014 (Room 1815)

13:00-14:00

Alain Thierstein “Fürstentum Liechtenstein 2068”

WEEK 5:

Tuesday 4.11.2014 (Room 1815)

9:00-10:00

Michael Bacherl (Planungsreferat)

10:00-11:00

Marc Wißmann (Planungsverband) *-to be confirmed.*

WEEK 8:

Tuesday, 25.11.2014 (Room 1815)

12:00-13:30

Lukas Gilliard and **Nina Alaily-Mattar** “Big Plans”

WEEK 9

Tuesday, 02.12.2014 (Room 1815)

9:00-10:00

Franziska Becker “Von der Idee zum Plan: Ein Beispiel aus der Praxis”

10:00-11:00

Michael Bentlage “Wohnen, Arbeiten, Mobilität”

WEEK 10

Tuesday, 09.12.2014 (Room 1815)

13:00-15:00

Sören Schöbel (TUM)

Detailed Semester Schedule

Week	Day	Date/Venue	Time	Activities/Inputs		
*	Week 1	Tue. 07.10.2014 Room 1815	9:00- 9:45	Alain Thierstein "Introduction"	Assignment 1	
			9:45-10:30	Nina Alaily-Mattar "Urban transformation, spatial transformation?"		
			10:45-11:15	Structure of the semester, Handout Assignment 1: Thematic analyses & spatial analyses		
			11:15-12:00	Franziska Becker & Lukas Gilliard: Warm-up exercise "Maps, maps, maps....Reading them, producing them"		
			12:00-16:00	<i>Studio work</i>		
			16:00-17:00	Student present exercise findings		
			17:00-17:45	Lukas Gilliard: Handout of field trip exercise & field trip organization		
			17:45-18:15	Group allocations, organizational issues		
	Wed.	08.10.2014	13.00-18.15	<i>Studio work</i>		
*	Week 2	Tue.	14.10.2014	8:30-18:15	Field trip & exercise "The region at a scale 1:1" Bastian Albrecht (Regional- und Flächennutzungsplanung Stadt Unterschleissheim) Michael Blaschek (Geschäftsführer Business Campus München – Garching)	Assignment 1
				Wed.	15.10.2014	
		Room 1815	15:00-17.00	Student present field trip exercise findings		
*	Week 3	Tue.	21.10.2014 Room 1815	9:00-10:00	Tutoring session	Assignment 2
				10:00-11:00	Marc Hofmann (03 Architekten) "ROEK München Südwest"	
				11:00-13:30	Tutoring session	
				13:30-18:15	<i>Studio work</i>	
	Wed.	22.10.2014	13:00-18:15	<i>Studio work</i>		
→	Week 4	Tue.	28.10.2014 Room 1815	9:00-12:00	Student presentations 1: Strengths and Weaknesses Handout Assignment 2: Evidence-based alternative futures	Assignment 2
				16:00-18:15	Introduction to trends analysis	
	*	Wed.	29.10.2014 Room 1815	13:00-14:00	Alain Thierstein "Fürstentum Liechtenstein 2068"	
				14:00-15:00	Tutoring session	
				14:00-18:15	<i>Studio work</i>	
*	Week 5	Tue.	04.11.2014 Room 1815	9:00-10:00	Michael Bacherl (Planungsreferat)	Assignment 2
				10:00-11:00	Marc Wißmann -to be confirmed- (Planungsverband Äußerer Wirtschaftsraum München)	
				11:00-13:30	Tutoring session	
				13:30-18:15	<i>Studio work</i>	
	Wed.	05.11.2014	13.00-18.15	<i>Studio work</i>		

	Week 6	Tue.	11.11.2014 Room 1815	9:00-12:00	Student interim presentations: Opportunities and Threats	Assignment 3
				12:00-18:15	<i>Studio work</i>	
		Wed.	12.11.2014	13.00-18.15	<i>Studio work</i>	
	Week 7	Tue.	18.11.2014	9:00-13:30	Tutoring session	
				13:30-18:15	<i>Studio work</i>	
		Wed.	19.11.2014	13.00-18.15	<i>Studio work</i>	
→	Week 8	Tue.	25.11.2014 Room 1815	9:00-12:00	Student presentations 2: Alternative Futures, concepts and narratives backed by evidence	
*				12:00-13:15	Lukas Gilliard & Nina Alaily-Mattar "Big Plans" Handout Assignment 3: From concept to spatial development strategy	
				13:15-18:15	<i>Studio work</i>	
		Wed.	26.11.2014	13.00-18.15	<i>Studio work</i>	
*	Week 9	Tue.	02.12.2014	9:00-10:00	Franziska Becker "Von der Idee zum Plan: Ein Beispiel aus der Praxis"	
				10:00-11:00	Michael Bentlage "Wohnen, Arbeiten, Mobilität"	
				11:00-13:30	Tutoring session	
				13:30-18:15	<i>Studio work</i>	
		Wed.	03.12.2014	13.00-18.15	<i>Studio work</i>	
*	Week 10	Tue.	09.12.2014	9:00-13:00	Tutoring session	
				13:00-15:00	Sören Schöbel (TUM)	
		Wed.	10.12.2014	13.00-18:15	<i>Studio work</i>	
	Week 11	Tue.	16.12.2014	9:00-12:00	Student interim presentations: Spatial development strategy	
		Wed.	17.12.2014	13.00-18.15	<i>Studio work</i>	
	Christmas Break					
	Week 12	Wed.	07.01.2015	13.00-18:15	Tutoring session	
	Week 13	Tue.	13.01.2015 Room 1815	9:00-12:00	Student interim presentations: Critical intervention areas	
		Wed.	14.01.2015	13.00-18.15	<i>Studio work</i>	
	Week 14	Tue.	20.01.2015	9:00-18:15	Tutoring session	
		Wed.	21.01.2015	13.00-18.15	<i>Studio work</i>	
→	Week 15	Tue.	27.01.2015 (Chair of Industrial Design)	8:00-12:00	Final student presentations with invited guests and external jurors	
	Week 16	Tue.	03.02.2015	10:00-11:30	Feedback students	

(→) indicates student presentations

(*) indicates lecture

Reading List (short version)

Relevant Readings

- 03Architekten, Keller Damm Roser Landschaftsarchitekten Stadtplaner München, Ernst Basler + Partner AG Zürich, Lehrstuhl für Entwerfen und Siedlungsentwicklung TU Darmstadt, and Lehrstuhl für Raumentwicklung TU München. 2014. Raumordnerisches Entwicklungskonzept - München Südwest München: Stadt Germering, Landeshauptstadt München, Stadt Starnberg, Gemeinde Gauting, Gemeinde Gräfelfing, Gemeinde Krailling, Gemeinde Neuried, Gemeinde Planegg.
- Alaily-Mattar, Nadia, and Alain Thierstein. 2014. Urban Transformation, Spatial Transformation? Developing Alternative Futures as a Planning Methodology. In *AESOP Annual Congress*. Delft.
- berchtoldkrass, space&options, Studio UC, and integral ruedi baur zürich. 2011. METROBILD. Ein Bild für den Metroraum Zürich. Abschlussbericht. Karlsruhe, Berlin, Zürich: Verein Metropolitanraum Zürich.
- Landeshauptstadt München. 2005. Münchens Zukunft gestalten, Perspektive München - Strategien, Leitlinien, Projekte, Bericht zur Stadtentwicklung 2005. München: Referat für Stadtplanung und Bauordnung.
- Planungsverband Äußerer Wirtschaftsraum München. 2014. Langfristige Entwicklung der Region München (LaReM) Kommentierte Bestandsaufnahme Daten – Prognosen – Konzepte

Trends

- Ernst Basler + Partner. 2012. Trend-Report. Zollikon.
- Thierstein, Alain, Angelus Eisinger, Agnes Förster, David van Handel und Viktor Goebel. 2008. Metamorphosis 100: Liechtenstein in the Year 2068. In: H.S.H. Prince Michael of Liechtenstein und Kurt R. Leube (Hrsg.), *Twentysixtyeight*. Vaduz: Industrie- und Finanzkontor: 92-148.
- Thierstein, Alain, Christof Abegg, Michael Droß, Sabine Friedrich, Viktor Goebel, Wilhelm Natrup, Mark Sieber und Matthias Thoma. 2007. Evaluierung der Perspektive München. Evaluierungsbericht 2007. München: Landeshauptstadt München.

References

INKAR. Indikatoren und Karten zur Raum- und Stadtentwicklung. Bundesinstitut für Bau-, Stadt- und Raumforschung (BBSR) im Bundesamt für Bauwesen und Raumordnung (BBR), Bonn.

Relevant Web sites:

Europäische Metropolregion München e.V
<http://www.metropolregion-muenchen.eu/>

Heideflächenverein Münchener Norden e.V
<http://www.heideflaechenverein.de/>

Landkreis München
<http://www.landkreis-muenchen.de/>

<https://www.statistik.bayern.de/medien/statistik/demwa/regionenuebersicht.pdf>

Moreco:
<http://womo.mvv-muenchen.de>

Nord Allianz
<http://www.nordallianz.eesy.de/ueberuns/dieregion>

Planungsverband Äußerer Wirtschaftsraum München (PV)
<http://www.pv-muenchen.de/index.php?id=0,16>

Regionaler Planungsverband München (RPV)
www.region-muenchen.com/
<http://www.region-muenchen.com/regplan/rp14>