

## INTRODUCTION

The Master of Advanced Studies in Architecture "Urban Transformation in Developing Territories" (MAS UTDT) at the chair of Prof. Marc Angélil, Institute for Urban Design (ISB) at the ETH Zurich, is a 12 month postgraduate program focusing on urban design. The tools and methods taught are directed toward the exploration, design and communication of processes in large-scale urbanization.

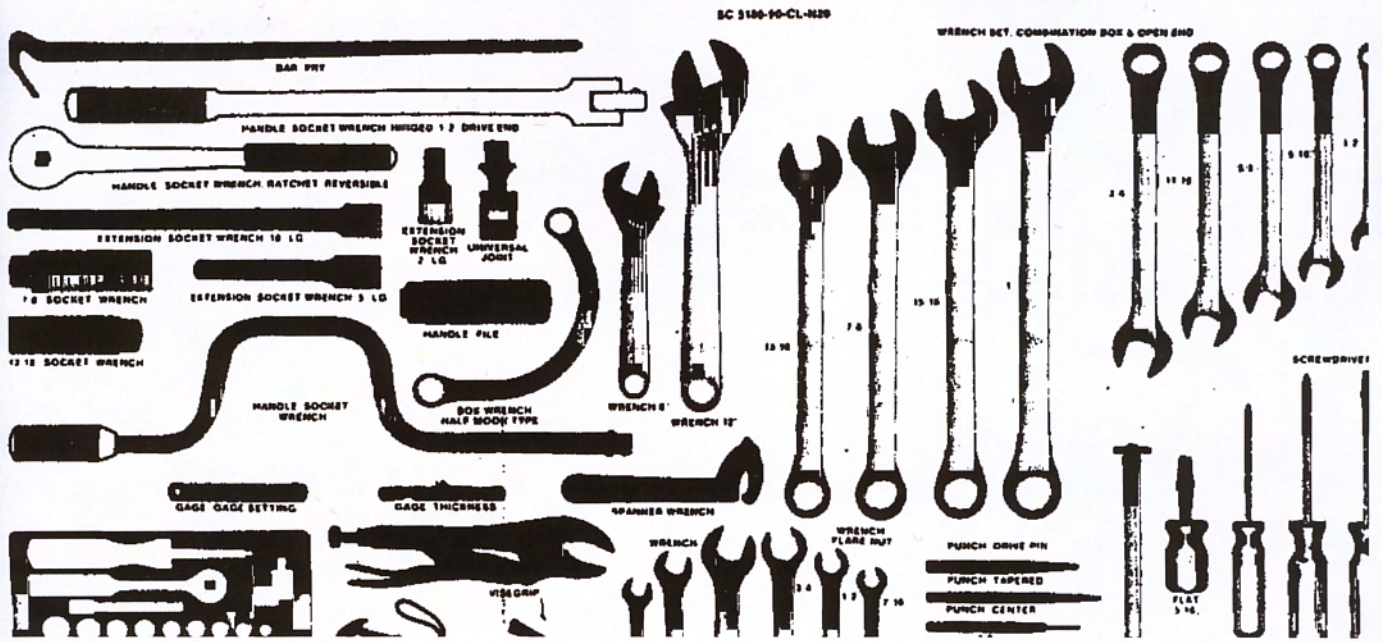
Under the ever diminishing influence of planners and architects, global economic processes are radically changing the urban periphery. New methods and models of urban design are vital in producing sustainable development for the future. The MAS UTDT questions, tests and develops instruments for urban design in order to operate at three levels within the processes of urbanization: research, design and communication. In the context of the course, research refers to the detailed on-site analysis of urban phenomena. Analysis connects: on the one hand, the knowledge of classical analysis, empiricism and the study of sources; and on the other hand, the spatial and physical characteristics of the site. Design defines the formulation of visions of the future form of the site. Additionally, the results of research and design must be continuously communicated within the group and to partners and local stakeholders involved.

The MAS UTDT program consists of three units complementing one another: the special design research studio, an urban theory seminar and a methodology workshop. Potentially, all three units can be linked thematically or related to a specific area of development. The specific local framework for the special research studio reflects comprehensive global challenges to urban design, such as population ageing, poverty, consumption or tourism. Each year, the program works on two sites, one in Switzerland and one in Ethiopia, in order to compare the different effects of global forces on local transformations and short-term sustainable development strategies.

The development of metropolitan urban areas in the 21st century faces two challenges, which until now have appeared contradictory: the rapid growth of urban populations and their simultaneous impoverishment. Knowledge of the relationship between the informal and formal sectors is essential in defining the key factors of this development. The analysis of strategic case studies is the basis from which exemplary urban strategies and instruments are to be generated.

Addis Ababa is one of the fastest growing urban centers in Africa. According to the United Nations, more than three quarters of its

# TOOL KIT, GENERAL MECHANIC'S; AUTOMO



inhabitants live below the poverty line in informal settlements. Due to a range of challenges and specific qualities - such as the integration of various social classes and the peaceful coexistence of religious groups - Addis Ababa, the capital of Ethiopia and the headquarters of the African Union, serves as an excellent case study. The city has an impressive history of urban planning within the context of Africa - therefore, the coordination of the current master plan and informal urban developments is an important focus of the research.

The spring semester 2007 Special Research Design Studio "Poverty+: Addis Ababa's Informal Urbanism" is examining the Ethiopian capital as a case study for metropolitan areas subjected to urban poverty. This studio is the beginning of a three-year cooperation of the chair of Prof. Marc Angéllil and the Faculty of Technology at Addis Ababa University (AAU), supported by the German Gesellschaft für Technische Zusammenarbeit (GTZ) and the Ethiopian Engineering Capacity Building Program (ECBP).

The studio was initiated with an urban design methodology workshop with a focus on strategic processes of urban development and the basic conditions for their communication. These two weeks of process design resulted in a project timeline and

the self-organization of flexible teams within the group. The following documentation is intended to demonstrate the outcome of these endeavors by communicating the research findings, design scenarios, and communication strategies - and thus facilitate the 'traceability' of our design process.

Jörg Stollmann  
 Director of Studies MAS UTDT, ETHZ

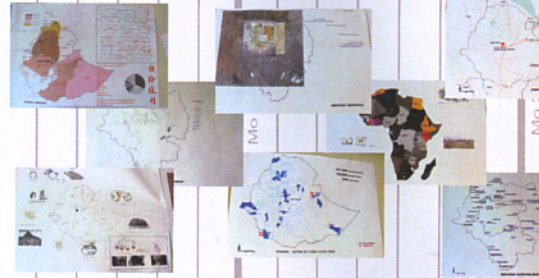
Chair of Prof. Marc Angéllil  
 MAS UTDT 06/07 teaching team:

Prof. Mark Angéllil  
 Zegeye Chernet  
 Lukas Kueng  
 Deane Simpson  
 Jörg Stollmann

Darius Karacsony  
 Teaching Assistant



★ WORKSHOP: DESIGN TOOLS



★ REVIEW MAPPING

19.03.2007 STUDIO INTRODUCTION JÖRG STOLLMANN

★ 27.03.2007 STUDIO PROCESS PRESENTATION MARC ANGÉLIL



# DESIGNING PROCESS

# MAPPING

## GRAPHIC TIMELINE



27.02.2007 WORKSHOP "FROM ACTION TO REACTION" LUKAS KUENG

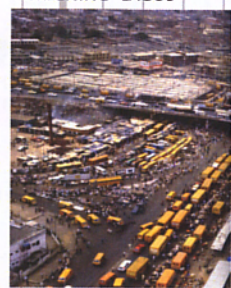


16.03.2007 LECTURE "ASSOCIATIVE DESIGN" ROLF JENNI, RETO DURRER



29.03.2007 INTERVIEW CHERNET ZEGEYE

14.03.2007 SCREENING "LAGOS"



29.03.2007 INTERVIEW CHERNET ZEGEYE

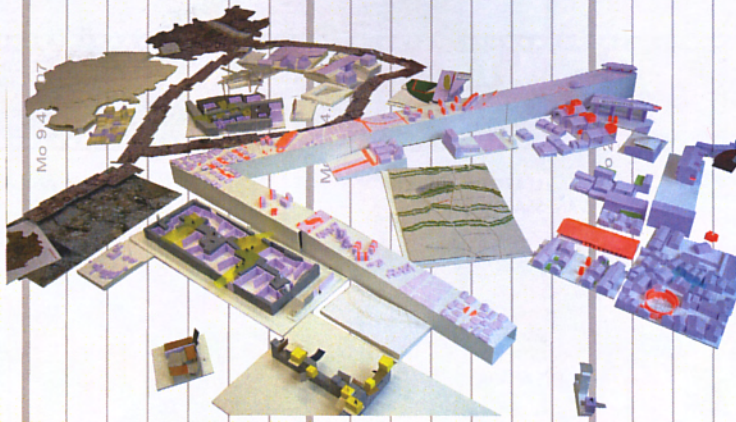
22.03.2007 "SWEEPING ADDIS" CORINNE KUENZLI



☞ INPUT (LECTURE, INTERVIEW, etc)

★ PRESENTATION, REVIEW

✈ DEPARTURE/ARRIVAL



Mo 9.4.2007

Mo 30.4.2007

Mo 7.5.2007



★ TOPOGRAPHIC MODEL

★ REVIEW: PROTOTYPES

★ 02.05.2007  
REVIEW  
FRANZ OSWALD  
SILVAN LINDEN  
TIM RIENIETS

★ 04.04.2007  
REVIEW  
ECKHART RIBBECK  
TIM RIENIETS



# PROTOTYPING



04.04.2007  
LECTURE "INFORMAL MODERNISM"  
ECKHART RIBBECK



27.04.2007  
LECTURE "ALTERNATIVE ENERGY"  
CLAUDINE DAELLENBACH



09.05.2007  
LECTURE "PARTICIPATORY SLUM UPGRADING"  
KOSTA MATHEY



27.04.2007  
LECTURE "ADDIS ABABA STRUCTURE PLAN"  
GENET ALEM

11.04.2007  
LECTURE "ETHIOPIAN GEOGRAPHY"  
KARL HERWEG



★ TOUCHING: PORTRAITS

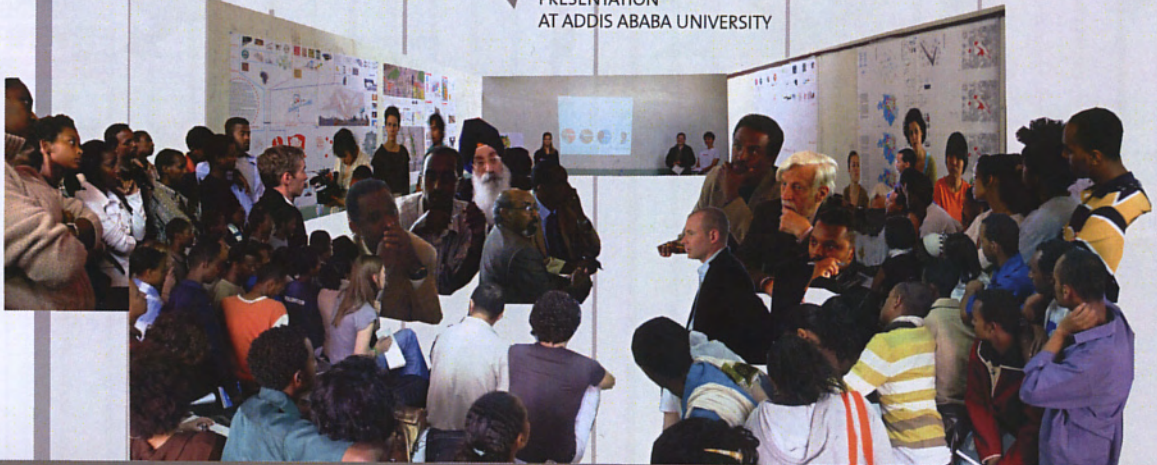


★ FILM: LEARNING FROM ADDIS VANESSA MEISTER



★ FILM: ANY WAY HOME DUAN FEI

★ 14-15. 05.2007 PRESENTATION AT ADDIS ABABA UNIVERSITY



## TOUCHING



## ADDIS ABABA



14.05.2007  
AYAT REAL ESTATE  
ADDIS HOUSING DEVELOPMENTS



16.05.2007  
'IHA-UDP' NGO DR. JEMBER  
"COMMUNITY UPGRADING"



11.05.2007  
LECTURE "DEVELOPING DIGITAL CITIES"  
MARK SHEPARD

11.05.2007  
LECTURE "POLITICS & MUSIC"  
TOBIAS HAGMAN



14.05.2007  
LECTURE "VERNACULAR ARCHITECTURE"  
PAUL OLIVER



17.05.2007  
VISIT  
COFFEE CEREMONY



TRACKING ADDIS



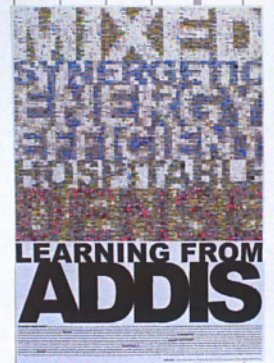
SURFACE CITY



PARALLEL URBANISM



MIXCITY  
EXHIBITION:  
LEARNING FROM ADDIS  
4 PROJECTS



LEARNING FROM  
ADDIS

★ PARTICIPATION  
FUTURE OF CITIES  
51TH IFHP WORLD CONGRESS

DOCUMENTATION ★  
"LEARNING FROM ADDIS 1"



30.05.2007  
REVIEW  
DEANE SIMPSON



06.06.2007  
PRESENTATION  
MARC ANGÉLIL

## PROJECTING

## DISPLAYING



EXHIBITION PREPARATION



20.06.2007  
FINAL REVIEW  
ZEGEYE CHERNET  
ASHENAFI GOSSAYE  
FRANZ OSWALD  
DEANE SIMPSON  
AMMANUEL TESHOME  
MARK WASUITA

29.05.2007  
LECTURE "URBANIZATION AS A MILITARY TOOL"  
EYAL WEIZMAN

21.05.2007  
LECTURE INFORMAL URBANISM  
PHILIPPE CABANE

04.06.2007  
LECTURE "WHAT HAPPENED TO PUBLIC"  
HANS FREI