

ACADEMIC PARTNERS

TU Berlin, Habitat Unit - Chair of International Urbanism and Design
Prof. Dr. Philipp Misselwitz, Dr. Hassan Elmouelhi, Dipl.-Ing. Salma Khamis
[HTTP://HABITAT-UNIT.DE/](http://habitat-unit.de/)

TU Berlin, Campus El Gouna - Department of Urban Development
Prof. Dr. Rudolf Schäfer,
Dipl.-Ing. Lukas Born
[HTTPS://WWW.CAMPUS-ELGOUNA.TU-BERLIN.DE/URBAN/V_MENU/DEPARTAMENT_OF_URBAN_DEVELOPMENT/](https://www.campus-elgouna.tu-berlin.de/urban/v_menu/departement_of_urban_development/)

Helwan University, Faculty of Fine Arts, Department of Architecture Cairo
Prof. Dr. Amal Abdou, Dr. Iman Gawad,
Dr. Ahmed Radwan, Dr. Ahmed Abd Elghany
[HTTP://WWW.FACULTYOFFINEARTS.COM/EN/](http://www.facultyoffinearts.com/en/)

BUSINESS PARTNERS

Dr. Krekeler Architekten und Generalplaner GmbH (Brandenburg a.d. Havel)
[HTTP://WWW.KREKELER-ARCHITEKTEN.DE/](http://www.krekeler-architekten.de/)

CLUSTER – Cairo Lab for Urban Studies, Training and Environment Research (Cairo)
Omar Nagati and Beth Stryker – founders

[HTTP://CLUSTERCAIRO.ORG/CLUSTER/ENCON](http://clustercairo.org/cluster/encon) – Engineering Construction Co. (Cairo)
Eng. Mohamed El Sawy – Vice Chairman
[HTTP://WWW.ENCON-GROUP.COM/INDEX.HTML](http://www.encon-group.com/index.html)

Ziegert Roswag Seiler – Architekten Ingenieure (Berlin)
Dipl.-Ing. Eike Roswag
[HTTP://WWW.ZRS-BERLIN.DE/](http://www.zrs-berlin.de/)

ASSOCIATED PARTNERS

Gesellschaft für Internationale Zusammenarbeit (GIZ) – Participatory Development Programme in urban areas
[WWW.EGYPT-URBAN.NET](http://www.egypt-urban.net)

Goethe Institut Ägypten
[HTTPS://WWW.GOETHE.DE/INS/EG/DE/INDEX.HTML?WT_SC=AEGYPTEN](https://www.goethe.de/ins/eg/de/index.html?WT_SC=AEGYPTEN)

Urban Catalyst
[HTTP://WWW.URBANCATALYST-STUDIO.DE/EN/WELCOME_PAGE/SAFARI.HTML](http://www.urbandcatalyst-studio.de/en/welcome_page/safari.html)

Planungsgruppe Stadt und Dorf
[HTTP://WWW.PGRUPPE.DE/WIR.HTML](http://www.pgruppe.de/wir.html)

Practice
Orientation
in Architectural
Education

REAL CITY LAB

EVENTS

Kick-off Symposium in Cairo,
19th-20th November 2016.
Regular partners coordination meetings
Public lectures in Cairo
Seminars in Cairo/Berlin
Workshops with students Cairo/Berlin
Training of Trainers in Cairo/Berlin

CONTACT

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[HTTP://HABITAT-UNIT.DE/EN/RESEARCH/REALCITY-LAB/](http://habitat-unit.de/en/research/realcity-lab/)

2016- 2019



ACADEMIC PARTNERS:



BUSINESS PARTNERS:



ASSOCIATED PARTNERS:



FUNDERS:



INTRO- DUCTION

The main objective of this project is to enhance the education quality, the curriculum and the teaching system of the Architecture Bachelor program of Faculty of Fine Arts. New didactic tools and applied research components are developed for the bachelor of architecture program, which impart knowledge to understand the current urban issues. Adding a strong orientation on practice and applied research to the existing curriculum will lead the graduates to gain higher awareness towards real urban issues and urban regeneration.

In this context, urban areas and urban problems are defined in a very wide sense tackling not only formal cities and their various new, old or even protected neighborhoods but also considering all kinds of informal settlements, peri-urban areas or urban villages - rural areas are in a process of urbanization. By focusing on the urbanism issues within the Egyptian built environment, these real urban areas become the laboratories for architecture education and graduates in order that they can gain a higher awareness towards these problems. Many of the rural areas have started an urbanization process and are growing with more inhabitants and are not

differentiated from urbanized small towns. These 'rurban' areas cover wide parts of Egypt especially in the densely populated Nile Valley or in the Delta region. Many of them still suffer from various problems like a lack of basic infrastructure, public space, proper housing and sufficient quality of construction. One among other reasons for this aspect is that Egyptian architects usually contribute to cities, while in rural areas the residents rely on contractors to build those houses. Therefore, we are willing to insert the development in rural / peri-urban areas into the curricula of architects as well.

Aiming to enhance these areas and to reach sustainable cities, social, cultural, economic, environmental, and management aspects have to be considered in an interdisciplinary teaching approach. This includes the understanding of the rural/urban context within the transformation process, the relation between urbanization and socio-cultural conditions, urban informality within rural urban areas, energy and infrastructure, local construction materials, low and high technology and mixing heritage traditions & modernity in an integrated approach.

PROJECT OBJECTIVES

- 1 ACTIVATION, ORGANIZATION AND EVALUATION**
activating the network of partners and associate partners for preparation, organization and coordination.
- 2 KNOWLEDGE TRANSFER**
Provide the students with knowledge from the German experience and from practice in Egypt and Germany through lectures and short workshops on different topics.
 - * Core selected urban topics,
 - * Environment, energy and technical urban infrastructure,
 - * Vernacular Appropriate Architecture,
 - * Management and Governance.
- 3 CAPACITY BUILDING AND PRACTICAL WORKSHOP**
For students and young staff (workshops/ summer schools/ trainings). The six workshops cover examples from urban and peri-urban or rural urban and thus the urbanization phenomena in a wide range and in different locations in Egypt.
- 4 CURRICULA ENHANCEMENT**
The improvement of the current curriculum through working sessions through annual meetings between the two teams, with the business partners and other academic and practice experts.
- 5 DISSEMINATION OF THE PROJECT OUTCOMES & PROCESSES**
Sharing the experience with public, academics, practicing professionals, Egyptian and international society.