

The transformation of cities towards sustainable and inclusive development is a key objective of global agendas such as the SDGs or the New Urban Agenda. There is substantial potential to improve urban access, air quality, safety and the quality of life in cities along with reducing Greenhouse Gas Emissions if an integrated policy and planning approach is applied.

This studio supports this process through a perspective on transformative living labs focusing on improving urban mobility solutions, connectivity and fostering local innovation to contribute to sustainable urban development.

In cooperation with the local municipalities and universities, we tackle this problem in the context of Buenos Aires and Kumasi by integrating new sustainable transportation modes and road safety into urban and street design solutions. This work will incorporate solutions in the context of countries' transition to sustainable energy modes and the digitalisation of urban transport systems.

The PIV linked to the studio is realized in cooperation with Wuppertal Institute and associated project partners.

The studio is a part of the TRANS-SAFE project and works in cooperation with the ACCESS project facilitated by the Urban Electric Mobility Initiative.

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#### Design Studio

12 ECTS + 3 ECTS (PIV)  
Pflicht (P) for  
MA UD: PJ 1 - 3 EP  
M Arch: EP Städtebau  
MA Arch T: Design Studio II

#### Teaching Day

Fridays 10 a.m. - 5 p.m.  
Studio A202

#### First meeting

21. April 2023

#### Application

via ISIS  
see website for link  
<http://habitat-unit.de>

Prof. Dr. Oliver Lah  
Prof. Anke Hagemann

# URBAN MOBILITY LIVING LABS

## Streetscapes and low-carbon mobility in Buenos Aires and Kumasi



Design Studio

SoSe  
23

**Habitat Unit**