URBAN ASSEMBLAGE: THE CITY AS ARCHITECTURE, MEDIA, AI AND BIG DATA.

• Paper / Proposal Title:

Smarticipation
Why mobile digital formats revolutionize planning processes

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• Abstract (300 words):

Major projects, especially transport and infrastructure projects, are increasingly met with resistance. Petitions, demonstrations and occupations are chosen as a form of protest by civil society to express their displeasure with political decisions on transport projects. The decline in quality of life due to increased noise and air emissions as well as environmental damage are often cited reasons. One core problem remains the release and communication of information about planning projects, including transport projects. Information receives too late, is incomprehensible and the entire planning process is non-transparent (participation paradox). The central question of the project is which criteria mobile online participation formats, here using the smartphone as an example, must be fulfilled in order to establish active citizen participation. The aim of the research project is to communicate information about large-scale transport projects and the associated planning process in a comprehensible way at an early stage. In this way, the project aims increasing the acceptance of large-scale transport projects. The importance of the
research project lies in the clear communication of project contents and, moreover, planning procedures, which has so far only been reserved for a specialist group. How does it work? A digital prototype is developed and applied on a test basis. The comparative criteria analysis of existing mobile digital participation and planning applications serves as basis. Methodologically, the study works with the approach of the application-related sample survey, the design thinking method as well as the systematic observation of a convened expert focus group. It is expected that mobile online formats as a participation medium will be addressed and applied by a broader target group than are present at on-site events, e.g. youth, families. Unlike previous research, this project will demonstrate the future viability of mobile online formats in planning processes and provide a building block for resolving the participation paradox in citizen participation.

• Author(s) Biography (200 words each):

I have been working at the University of Kassel since fall 2016. After completing my studies in the disciplines of urban planning and urban design at HafenCity University in Hamburg in 2013, I worked in various offices in the fields of urban development, urban and regional planning, and transportation planning. I focused in particular on conceptual and development planning, with a special emphasis on participatory processes.

In my teaching I show how the interaction of different disciplines (traffic planning, architecture, urban and landscape planning) leads to better and sustainable street spaces and offers projects with practical relevance. In lectures, I also deals with (mobile) instruments and procedures, in particular planning and participation procedures, in greater depth.

I see new research approaches in the development of models and prototypes for better communication of transport infrastructure projects by administration and politics vis-à-vis the civil society and, in doing so, questions the nature and significance of information communication in formal planning procedures in the context of a digital society.

**Relevant Publications:**

2017 Corporate-Design Concept of Heerstraße, Hanseatic City of Bremen
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<td>2021 (committed)</td>
<td>Shift into ... Smarticipation. The Smartphone as a Participatory Response to Changes in the Understanding of Democracy and Planning of Transport Projects</td>
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