

## Working group 3: Social aspects of climate change-resilient neighbourhood development

### Objectives

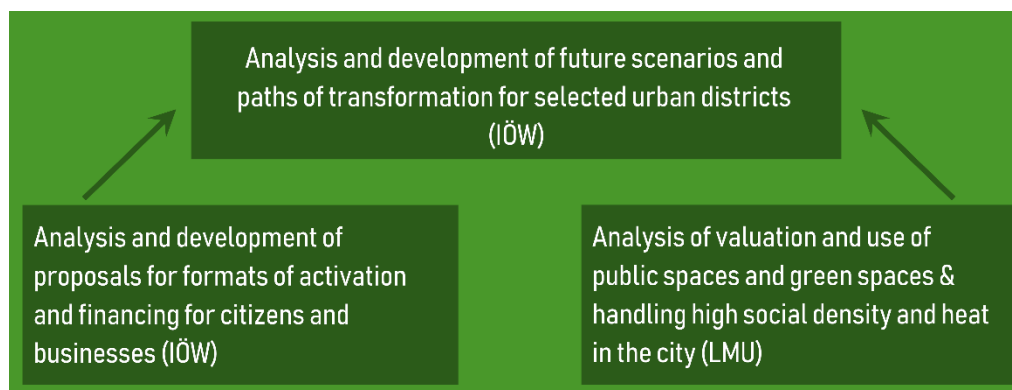
The researchers from IÖW and LMU in working group 3 deal with various social aspects and questions that have to be considered in a climate-sensitive neighbourhood development within the context of green infrastructures. The overarching aims of the individual studies in this working group include recording impacts as well as investigating and presenting design options.

Results shall contribute to a better understanding of what influences assessment and use of green infrastructures and how they affect the quality of life in the neighbourhood. Aim of the social science investigation is to map the perspective of users, so that they can be considered even better in planning processes.

In addition, the development of future visions and proposals for activation and financing should raise awareness that climate resilience in neighbourhoods can be addressed actively and at an early stage via interaction between different groups of actors (administration, companies and citizens). For this purpose, visualisations will be made and an explanatory film would be produced for better illustration.

The knowledge gained in working group 3 should, therefore, help to plan and implement targeted adaptation measures in the field of green infrastructures in the future.

### Methods



Structure in working group 3; Source: J. Rupp

In this working group, residents of selected neighbourhoods would be asked about their indoor and outdoor thermal comfort experience in residential areas and urban spaces (especially green areas). Furthermore, future visions for climate change-resilient urban districts would be developed in cooperation with representatives from urban and green space planning, the housing industry, architectural and planning offices, as well as from companies and civil society for climate-related urban neighbourhoods. These future visions should also consider proposals on how to engage citizens and companies in climate adaptation processes as well as financing approaches for green infrastructure measures.

## Green City of the Future – climate change-resilient neighbourhoods in a growing city

Methods include surveys, in-depth interviews, workshops and group discussions with residents and experts. Of particular interest are temperature sensations and perception and use of public spaces and green infrastructure. For this purpose, two contrasting city districts are selected as real laboratories: the Messestadt Riem on the outskirts of Munich, featuring a high proportion of green areas and the southern railway station district as a highly frequented, densely built-up inner city district, offering a limited amount of green spaces.

In the development of future visions, the focus would be placed on individual and relevant elements of a climate change-resilient neighbourhood, the building and residential environment, as well as on citizens, companies and their scope for action - including cooperation with the administration. Proposals for activation and financing will be included here. In the process, synergies between climate protection and adaptation should also be taken into account. The focus of the quarters under discussion is on a new development area, the Messestadt Riem (as an already developed area) and the Neumarkter Strasse commercial district. It is planned to interact with groups of actors as outlined above. For this purpose, interviews will be conducted in 2019 and 2020, and workshops will be designed in accordance with existing formats.

GEFÖRDERT VOM