



PROJECT BRIEFING #6

CLIMATE-NEUTRAL CITY KARLSRUHE

DIALOGUES WITH CITIZENS AND STAKEHOLDERS

CASE STUDY I | VERSION #1 | JUNE 2020

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AIM

Based on a synthesis of examples from initiatives and activities on climate-neutral cities in Germany, a transdisciplinary city case study will be carried out in Karlsruhe as one of the pioneering German cities in climate neutrality. Karlsruhe combines a warm and moderate climate (Cfb, after Köppen classification) that is representative for most parts of Central and Western Europe with favourable condition for the major renewable energy sources such as wind, solar and geothermal with a large district heating system and includes single infrastructures that emit > 1 Mio. t of CO₂ per year. As part of the case study, two workshops are planned in which members from the political, administrative, economic, and public sectors in Karlsruhe as well as scientists from the Helmholtz Climate Initiative are participating. Based on expertise in theory and practice of transdisciplinary processes and the use of scientifically sound methods of citizen and stakeholder dialogues, the case-study serves as the main bridge to society as part of Cluster | Net-Zero-2050.

SYNTHESIS OF CITIES ON THE WAY TO CLIMATE NEUTRALITY

Regarding the great importance of cities for climate neutrality, a synthesis paper highlights examples of selected cities. In each case, particular attention is being paid to the basic strategic and conceptual approach, the scenarios used and a brief snapshot of approaches and measures. Based on an initial first version taking into account 11 cities in Germany, the synthesis will also act as a living document to be regularly updated. Furthermore, the specific city profiles will be integrated in the interactive web-atlas.

WORKSHOPS AS KEY DIALOGUES WITH CITIZEN AND STAKEHOLDER

To foster a close exchange of science and practice on an equal footing, two workshops are planned in Karlsruhe – one for the second half of 2020 and one for the first half of 2021. The first workshop will focus on the current status and further steps regarding Karlsruhe on the way to a climate-neutral city as well as the elaboration and structuring of current needs and requirements from practice addressing the scientific community. As part of the second workshop, it will be presented and discussed how the practical needs and requirements expressed in the 1st workshop have been or will be addresses. Furthermore, key results developed within the framework of the Helmholtz Climate Initiative, e.g. on the necessary political framework conditions or technological developments, will be presented and discussed with regard to their practical acceptance and enforceability. To summarise the key results of both workshops, a final report will be finished and uploaded on the web-atlas until mid-2021.

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More results from the project Net-Zero-2050 are available here:

www.netto-null.org

www.helmholtz-klima.de/en/press/media-library

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