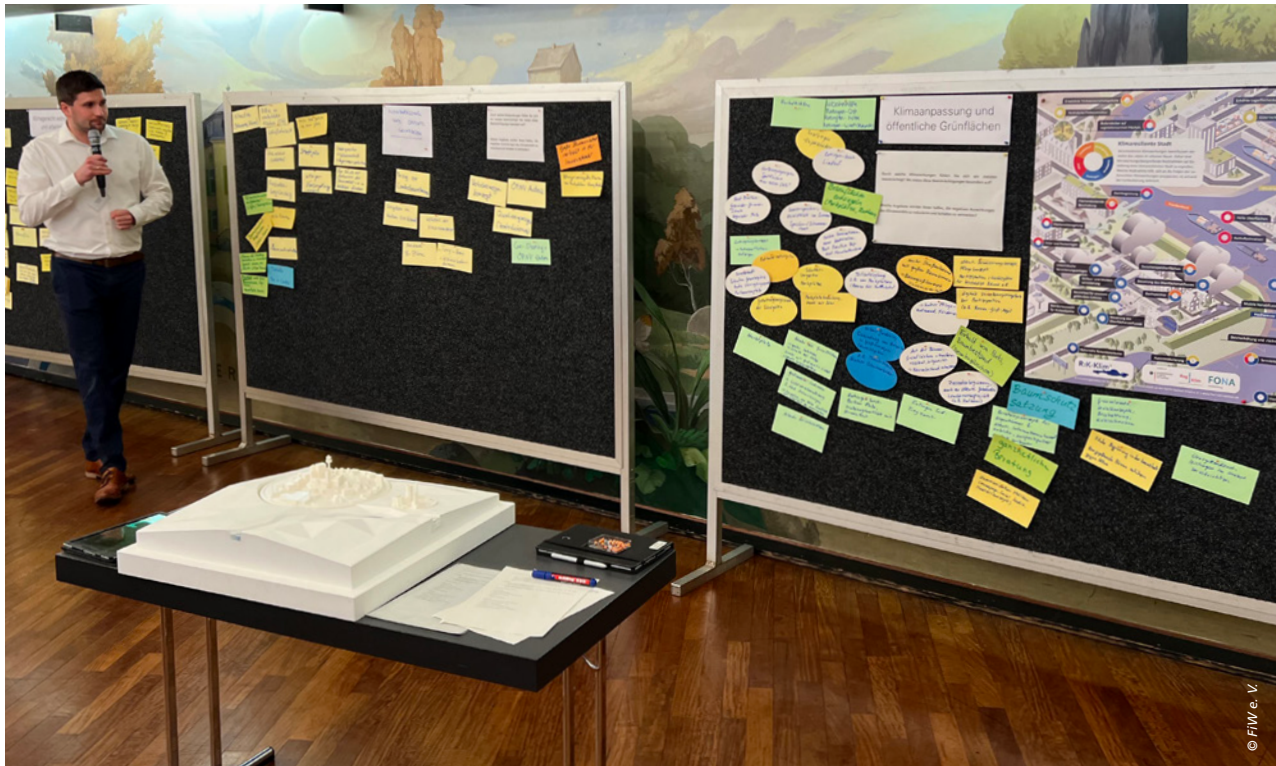


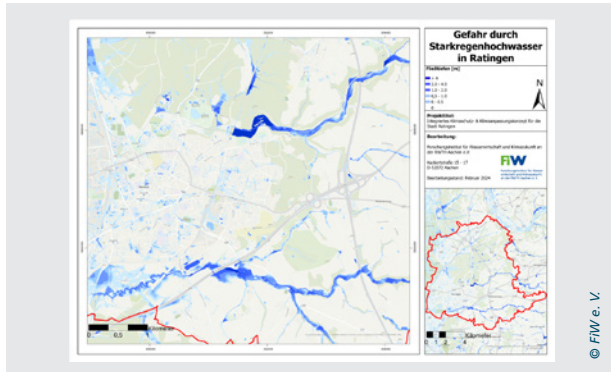
Integrated Climate Protection and Climate Adaptation Concept for the City of Ratingen



The City of Ratingen had already adopted a climate protection concept in 2017. As part of its update, the focus was to be broadened to include not only climate protection but also climate adaptation. Together with GERTEC GmbH, FiW developed an integrated concept that outlines ways to reduce CO₂ emissions and make the city more resilient to heat, heavy rainfall, and other impacts of climate change. FiW was responsible for the topic of climate adaptation, in particular the analysis of existing measures, the development of adaptation strategies, and the involvement of administration, business, and citizens.

The effects of climate change are becoming increasingly significant, also for individual municipalities. To counter this, in 2017 the City of Ratingen set itself the goal of significantly reducing CO₂ emissions and energy consumption and consequently developed the Integrated Climate Protection Concept (IKK). The targets defined at that time must be regularly updated in line with national and international

developments. As a response, a revision of the Integrated Climate Protection Concept was initiated in 2021. Within this revision, climate adaptation was to be addressed for the first time, and an integrated climate protection and adaptation concept was to be developed for the City of Ratingen. FiW, in cooperation with GERTEC GmbH, was commissioned with this task.



In close coordination with the city administration, the project was first institutionally anchored, including a presentation to the environmental committee. In the subsequent potential and stock analysis, FiW evaluated existing council resolutions in the field of climate adaptation and examined potentials for future measures. Together with GERTEC, existing approaches were prioritized and funding opportunities were researched.

A central component of the project was the broad involvement of relevant stakeholder groups. This included workshops on topics such as "Climate-Resilient Economy," "Climate Adaptation in Administration," and "Climate-Appropriate New Construction and Existing Buildings." This process was supplemented by an online ideas map, where citizens could contribute their ideas and suggestions. The results were directly incorporated into the development of the concept.

As the project progressed, a catalog of measures was created, encompassing both climate protection and climate adaptation actions. FiW was responsible for developing the adaptation strategies and prepared short profiles in the form of measure fact sheets. The overall project was documented both in a final report and in the draft of the integrated concept. This also included an updatable timeline and action plan, which serves as a roadmap for the City of Ratingen in the coming years.

With the integrated climate protection and adaptation concept, the City of Ratingen now has a forward-looking foundation that continues its previous climate protection activities while at the same time strengthening its resilience to the impacts of climate change.

Project overview

PROJECT TITLE

Integrated Climate Protection and Climate Adaptation Concept for the City of Ratingen

PROJECT PERIOD

12/2023 – 12/2024

CLIENT

Stadt Ratingen

PROJECT PARTNER

GERTEC GmbH

CONTACT

Forschungsinstitut für Wasserwirtschaft und Klimazukunft
an der RWTH Aachen e. V.
An der Ölmühle 4 / 52074 Aachen

Dr.-Ing. Mark Braun

T +49 241 80 2 68 46 / braun@fiw.rwth-aachen.de

www.fiw.rwth-aachen.de

Status

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We are a member