

Climate-Resilient Development Pathways in Metropolitan Regions of Europe – CARMINE; Horizon Europe

Elena Xoplaki, Justus Liebig University Giessen

Abstract

The project CARMINE (Climate Resilient Development Pathways in Metropolitan Regions of Europe), funded by the European Union, concerns adaptation strategies toward the growing frequency and intensities of climate and weather extremes caused by anthropogenic climate changes. It builds connections between local and regional scales while providing impact-based decision support. The project aims to explore the European metropolitan communities for strengthening climate resilience with knowledge-based tools, strategies, and plans for enhancing counter-measure mitigation actions, in line with the Charter of the EU Mission on Adaptation to Climate Change by 2030.

To achieve this goal, CARMINE focuses on 2030 – 2035 with an extended period no later than 2050. Interdisciplinary approaches based on the co-creation and co-development of decision-support services are introduced for mitigation actions, serving for multi-level climate governance, supporting local adaptations and plans, and transferring adaptations to other European metropolitan regions.