

Coming Decade focuses on improving the German decadal climate forecast system by integrating the latest scientific findings and developing application-oriented and regionalized climate forecasts. Coming Decade will improve decadal-scale climate predictions for Europe by advancing the decadal climate prediction system, for which first results will already be incorporated in the joint production of hindcasts and subsequent forecast analysis with the new pre-operational ICON-based system of DWD in 2024. A further improved version is planned to be delivered to DWD by the end of the project Coming Decade. Coming Decade will develop new innovative products that have been in high demand by users, and attract new users for new decadal climate prediction products. The already identified demand concerns information on expected extreme events such as heat waves, droughts, storms or heavy precipitation. New climate services will be defined and co-developed with users, and the forecast and its quality will be communicated in a form tailored to user's needs.