

The **E-AI project** at DKRZ is part of the **Deutscher Wetterdienst (DWD)** contribution to the **EUMETNET E-AI programme**.

Launched on January 1, 2024, the **Artificial Intelligence and Machine Learning for Weather, Climate, and Environmental Applications (E-AI) programme** aims to coordinate European efforts in developing AI-enhanced forecasting, data assimilation, and decision-support systems for weather, climate, and environmental services. The programme is structured around three key modules: **Data Curation, Analysis & Modelling, and Postprocessing & Products and Services**. To advance the application of AI and machine learning, it has established **working groups, tutorials, and pilot implementations**.

Within this framework, **DWD coordinates its internal AI-based developments** for weather and climate services at its dedicated **AI center**, established in spring 2025. Methods, software, and expertise developed at the **DWD AI center** will be shared with other partners through the **E-AI programme**. This project aims to foster and facilitate this exchange.