Project: **1349**

Project title: **EUREC4A-MIP**

Principal investigator: **Hauke Schulz**

Report period: **2024-11-01 to 2025-10-31**

Maximum of 2 pages including figures. 9 pt minimum font size.

EUREC4A-MIP is the model inter-comparison project accompanying the EUREC4A field campaign.

The resources of this project are used for two purposes:

- to serve several setup files to the community including initial conditions and boundary conditions to setup comparable simulation experiments including future warming experiments.

- to collect and serve the simulation output from these simulations and make them widely accessible via analysis-ready, cloud-optimised datasets

For both purposes the DKRZ-SWIFT cloud storage is used. Outputs from the Dutch model DALES, the British UnifiedModel, the German ICON model and a French contribution with the HARMONIE model are now all registered. Further data models and variables will follow.

To ease the access to the output and the setup files we continuously update the howto.eurec4a.eu book, specifically at https://howto.eurec4a.eu/eurec4a_mip.html, and index the output also in the Intake catalog (https://github.com/eurec4a/eurec4a-intake)