Project: 1263
Project title: ICON-LEM simulations for Paris RDP
Principal investigator: Vera Schemann
Report period: 2025-11-01 to 2026-10-31

This project focuses on the representation of urban areas and local wind systems. From the original project focusing on Paris and the Paris RDP, the interest shifted more and more towards the rhine area and especially Cologne and surrounding. The idea of the project is to enable students and student projects to work with the ICON model and analyze local effects in their surrounding.

In the report period of 2026, this didn't work out very well. We managed to perform some simulations to prototype the surrounding of Cologne and Lindenberg but without getting into following up on a research question.

Nevertheless, due to newly starting student projects, we assume to still use some of the granted compute time until the end of the year and continue next year.