



## The Hans-Ertel-Centre for Weather Research

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The Hans-Ertel-Centre for Weather Research is a research programme founded by Deutscher Wetterdienst (DWD – German Weather Service) with the objective of establishing a German research network. The initiative aims to better coordinate the broad range of atmospheric sciences in Germany and to focus it on aspects of basic research that are of importance for weather forecasting and climate monitoring.

In this way, a virtual centre for basic research in Germany is established. Furthermore the Hans-Ertel-Centre for Weather Research facilitates the cooperation between universities, research institutions and the Deutscher Wetterdienst.

The research network focuses on the following five research areas:

- Atmospheric dynamics and predictability
- Data assimilation
- Model development
- Climate monitoring and diagnostics
- Improved use of information from weather forecast and climate monitoring for society

Five research groups at universities and research institutions have been established by a start-up financing. Each group focuses on one of the research areas listed above.

This poster provides an overview of the objectives and the structure of the Hans-Ertel-Centre and highlights its role within the research strategy of Deutscher Wetterdienst.