

Launched in 2025, the **AI Weather Quest** is an international competition organised by ECMWF that challenges teams to produce and submit **AI-based sub-seasonal forecasts** in real time. All forecasts are evaluated and ranked openly, creating a shared benchmark for AI approaches to weather prediction. Running for at least a year and divided into four 13-week periods, the Quest welcomes new participants at any stage.

Bringing together experts from companies, research institutes, and academia worldwide, from AI specialists to meteorologists, the Quest embodies ECMWF's pioneering spirit of collaboration and innovation. With **30+ international teams**, **160+ participants**, and **50+ AI/ML models**, it is already setting a new standard for sub-seasonal forecasting.



Scan to explore the participating teams, their forecasts, and results

