AI Weather Quest — ECMWF

Already 70+ registered teams!

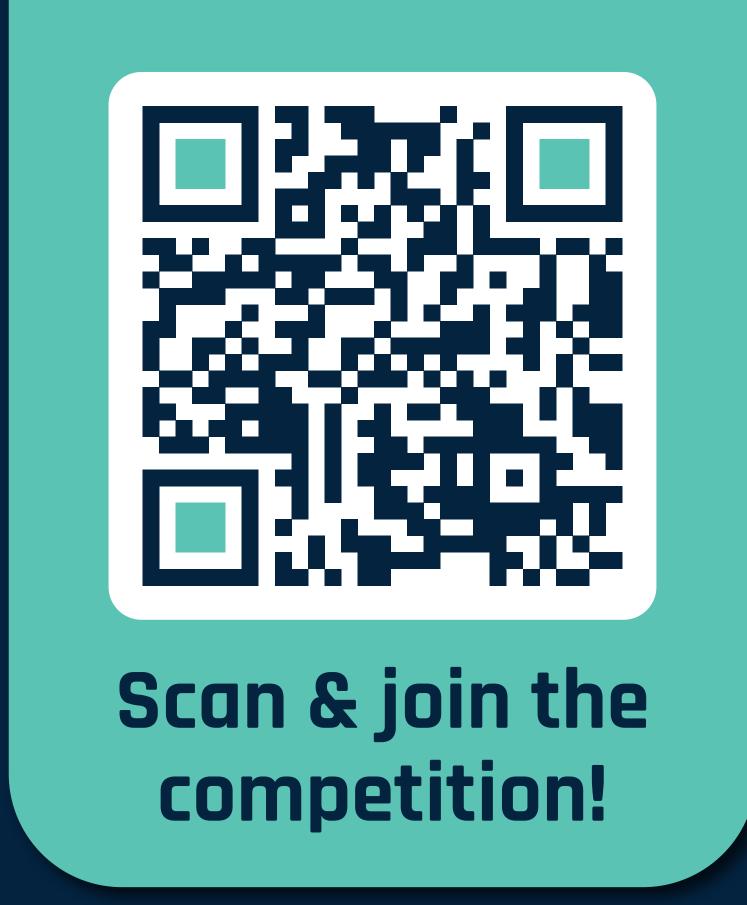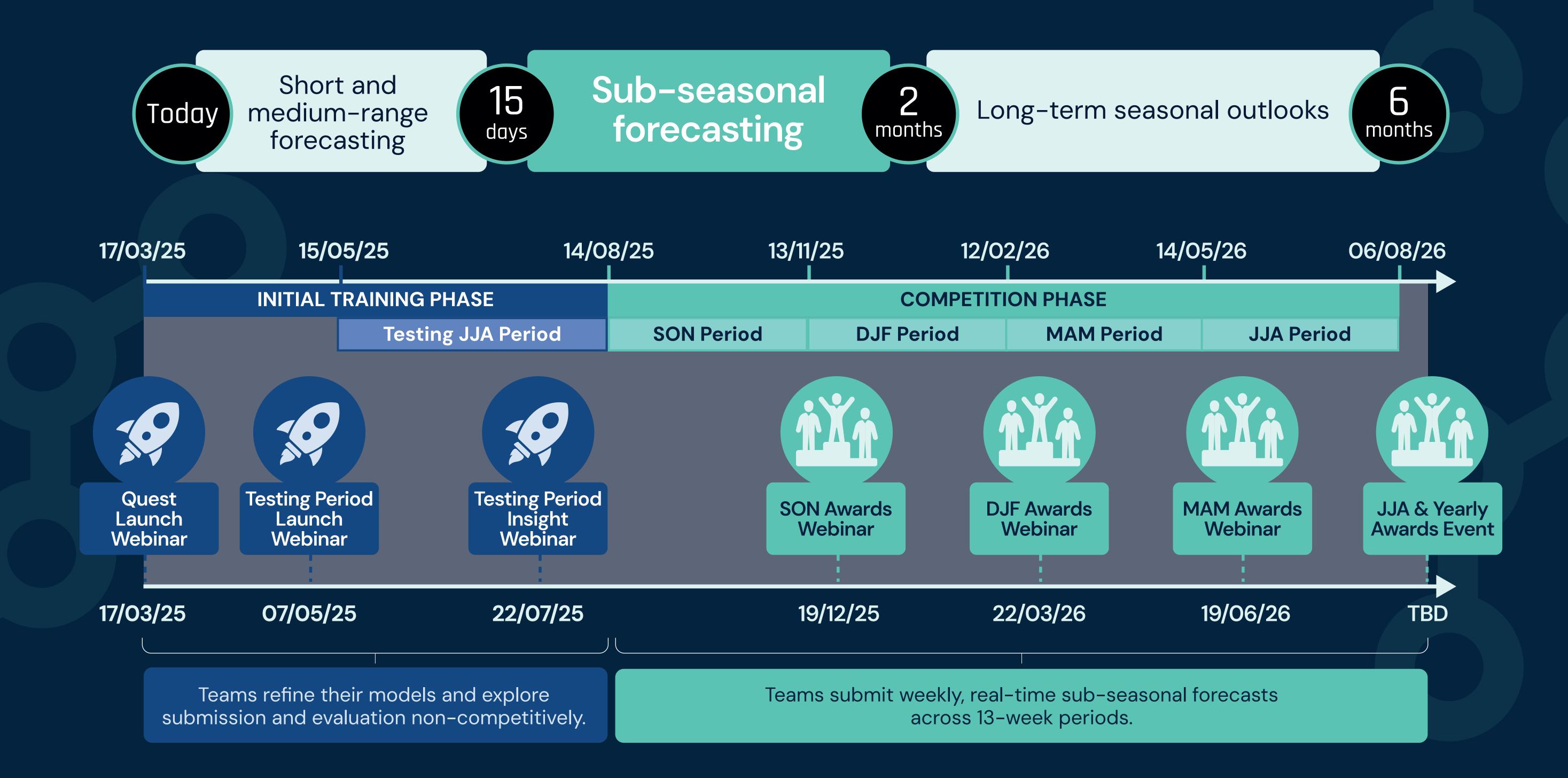**Scan & join the competition!**

The **AI Weather Quest**, by the **European Centre for Medium-Range Weather Forecasts (ECMWF)**, is an international competition designed to harness AI/ML in advancing weather forecasting. It challenges teams to produce and submit **sub-seasonal weather forecasts using AI/ML models.**

Today	Short and medium-range forecasting	15 days	Sub-seasonal forecasting	2 months	Long-term seasonal outlooks	6 months

17/03/25	15/05/25	14/08/25	13/11/25	12/02/26	14/05/26	06/08/26

INITIAL TRAINING PHASE		COMPETITION PHASE			
	Testing JJA Period	SON Period	DJF Period	MAM Period	JJA Period

Quest Launch Webinar	Testing Period Launch Webinar	Testing Period Insight Webinar	SON Awards Webinar	DJF Awards Webinar	MAM Awards Webinar	JJA & Yearly Awards Event
17/03/25	07/05/25	22/07/25	19/12/25	22/03/26	19/06/26	TBD

Teams refine their models and explore submission and evaluation non-competitively.

Teams submit weekly, real-time sub-seasonal forecasts across 13-week periods.

This competition is open to participants from international corporations, forecasting institutions, AI/ML experts, meteorologists, researchers, and students. No prior experience in weather forecasting is required - just a passion for solving real-world challenges with AI/ML!

- Test and advance your expertise
- Contribute to operational advancements
- Build valuable connections
- Achieve global recognition

Any questions? Contact us at aiweatherquest@ecmwf.int

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