Annual Seminar 2016
Earth system modelling for seamless prediction
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ECMWF ten year strategy 2016-2025

Forecast targets by 2025

- Ensemble predictions of **high impact weather** up to two weeks ahead
- Seamless approach, aiming towards predictions of **large scale patterns and regime transitions** up to four weeks ahead and **global-scale anomalies** up to a year ahead
THE STRENGTH OF A COMMON GOAL

Goals

• Research at frontiers of knowledge
• Ensemble-based analyses and predictions that raise the international bar for quality and operational reliability
THE STRENGTH OF A COMMON GOAL

How do we achieve these goals?

• Observations
• High resolution ensemble
• Earth-system
• Scalability
• Funding
• People