

Future50

Climate Change Management
and Reporting (CCMR)

Climate/Earth Data Generation



MeteoWeather



<https://meteoweather.global/>

#ClimateTech

Headquarters:

Jordan

Middle East operational countries:

Egypt, Iraq, Qatar, Saudi Arabia, United Arab Emirate

Summary

MeteoWeather has developed a proprietary enterprise **climate-security and weather intelligence management and disaster monitoring intelligence system**. Its cloud-based platform and analytics tool derive images to **analyse satellite and other earth observation data** and AI to produce actionable data-driven insights, with a range of applications – from energy demand forecasts for renewable energy businesses, flight path optimisation for airline companies to science and public policy.

Impacts

MeteoWeather's application in disaster mitigation has worked to **improve climate safety** by alerting on climate events, such as flash floods enabling authorities to take mitigating action. Renewable energy businesses can optimise locations of their wind and solar farms using MeteoWeather **custom power forecasts**. Grid operators can optimise energy demand planning with predicative weather analytics.

Highlights

MeteoWeather is a spin out company of the **ArabiaWeather Group** that has reportedly raised **US\$7 million in equity financing**.²⁴³ MeteoWeather reports that it has developed climate early warning systems for the government of the **Kingdom of Saudi Arabia** as well as **Saudi Electric Company** for power predictive modelling and **Qatar Airways** for flight predictive modelling.

Strategic alliances:

- Governments
- Renewable Energy Firms
- Airlines
- Farming Industry
- Climate Research Organisations

List impact technologies:

Precision Agriculture, Smart Buildings, Solar Power, Wind Power, Smart Grid, AI

