VisualEyes™ is an intuitive web-based weather alert system designed in conjunction with the renewables industry to help you manage your wind farm assets in the UK and Europe. It can help you manage health and safety risks, better plan your operations, reduce costs and enhance revenue.

“The comprehensive view VisualEyes™ provides for our wind farms allows us to plan our work schedules and ensure the safety of the people on site, in line with weather conditions. The clear but detailed information given by the system is extremely user-friendly and provides an ideal solution to our needs.”

Mark Gailey,
Control Centre Manager, ScottishPower Renewables
A FULLY FLEXIBLE SYSTEM

- You choose the forecast and real-time weather elements you want to view:
  - Lightning
  - Wind speed (surface and hub-height)
  - Hub-height gust speed
  - Temperature
  - Rainfall
  - Snow
  - Visibility
- Out to the timeframes you want to look at:
  - Past two hours
  - Next six, 12, 36 or 72 hours
  - Next five or 14 days
- You set the alert thresholds according to your risk profile, to view on-screen or as a printable pdf.

Link to your offshore assets:

VisualEyes™ includes a link to the Met Office's offshore forecast delivery system, Safesee™, for those that subscribe to both services.
BENEFITS

**VisualEyes™** uses site-specific data underpinned by world-leading science to deliver the following benefits:

- **Geographical reach**
  Europe-wide coverage giving you a single, integrated, low-cost platform to support all your European sites.

- **Revenue enhancement**
  Use the planning charts to see the likelihood of turbine availability and therefore identify the optimum times for power generation.

- **Reduce maintenance costs and avoid costly damage**
  **Workforce planning** – plan your maintenance schedules around forecast downtime, ensuring you fully optimise staff resource.

  **Plant planning and scheduling** – avoid costly mistakes such as a marooned plant, the cost of which can run into tens of thousands of Euros.

  **Site access planning** – ensure plant is delivered at a time when it will be able to access the site, for example avoiding periods when significant snowfall is likely.

- **Minimise health and safety risks, ensure workforce safety and avoid litigation**
  The threshold-based alerts on **VisualEyes™** system, including a specific alert for lightning – the highest risk to health and safety, will highlight periods when it is safe to carry out maintenance work, ensuring the safety of your workforce and helping to avoid costly health and safety litigation.

- **Scalable; tracks your operations budget as your operations grow**
  Cost savings for multiple sites, supporting your business as it grows. Supports both small wind and large wind projects with a flexible pricing structure.

- **Over-arching stakeholder support**
  Sharing the platform across different areas of your business reduces operational costs.

**VisualEyes™** is in continual development in consultation with customers, making it a truly market-driven system.
WHY CHOOSE THE MET OFFICE?

The Met Office is a world-leading provider of weather and climate services and is consistently one of the top two operational weather forecasting services in the world.

We forecast the short-term weather, as well as seasonal and longer-term climate.

Our Unified Model is recognised as the leading numerical model for weather forecasting.

Our supercomputer is one of the largest in Europe and carries out 127 trillion calculations per second.

The Met Office Hadley Centre is ranked as the number one geosciences research centre in the world.

With the Met Office’s range of data and scientific expertise, you can be assured of receiving first-class analysis and forecast information.

To discuss the benefits VisualEyes™ can bring to your operations call us on +44 (0)1392 885680 or email: renewables@metoffice.gov.uk