

# Eurowind™

Quantify the prospective hazard from windstorms across 24 European countries.

## Highly Granular Probabilistic Model

### Enabling Insurers to Assess and Mitigate European Windstorm Risks Effectively

#### Eurowind

The European Windstorm Model (Eurowind™) from CoreLogic® provides a highly granular, up-to-date, and detailed risk model to help insurers comprehensively understand the potential losses related to windstorms in Europe. This probabilistic model quantifies the prospective hazard from windstorms across 24 European countries, with the inclusion of the Iberian Peninsula and the North European offshore region, with complementary forest modules available for selected European countries.

#### What are the advantages of utilizing Eurowind?

For insurance professionals seeking to improve their windstorm-related risk assessments in Europe,

#### Key Features:

- Improve insurer evaluation of risk
- Narrow damage uncertainty through different views of the risk.
- All major insurance policy structures and reinsurance treaty types are modeled.
- Measured gust wind speeds and wind directions from over 4000 European meteorological stations obtained via national meteorological agencies for the period 1960 to 2022.
- Two frequency view
- 384+ historical storm events.
- 23,000+ stochastic storm events.
- 46 vulnerability regions – rural and urban.
- Largest geographical coverage through inclusion of the Iberian Peninsula.
- Dynamically downscaled ESM storms.
- Inclusion of the North European Offshore component.
- Loss scenario module for the positive phase of the North Atlantic Oscillation.
- Forest module – Sweden and Finland.

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Eurowind presents a finely detailed and current probabilistic model. This model quantifies the potential risks posed by windstorms across the European region. When it comes to conducting thorough and well-informed risk assessments within the context of European windstorms, Eurowind is an essential and invaluable tool for insurance underwriters and risk managers operating across European countries.

## All-inclusive Wind Modeling Methodology

For the utmost precision and detail, the European Windstorm Model is established upon verified and measured gust wind speeds, alongside nine wind directions gathered from over 4000 meteorological stations spanning Europe from 1960 to 2022. This extensive historical dataset, combined with data from the National Climatic Data Center and the National Centers for Environmental Protection, maintains a uniform level of hazard intensity, direction, and duration. This consistency, in conjunction with the comprehensive historical dataset, achieves a precise historical representation of wind speed patterns in the European region. To maintain this same level of accuracy and detail in the outcomes, the identical algorithm is applied to stochastically perturbed variations of historical events when generating a complete stochastic event set.



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## Seamless Ordering and Delivery

Available as part of a suite of catastrophic risk assessment products, the European Windstorm Model from CoreLogic provides an unparalleled understanding of prospective hazard related from windstorms across continental Europe.

- RQE® – Available for install at your place of business, our global multi-peril catastrophe modeling platform brings the data and information you need in your controlled secure environment.
- Seamless Integration – The European Windstorm Model is designed to make your business workflow easier. Our intuitive interface is easy to use and the underlying functionality can be personally customized with seamless integration into your existing underwriting system to best support and improve your business workflow.