

Environmental Risk Profile - Factsheet

What is an Environmental Risk Profile?

An Environmental Risk Profile is a **document** describing a company or sector's **exposure to environmental risks**, such as floods, cyclones, droughts, heat waves etc.

An Environmental Risk Profile offers a both **at-a-glance and detailed** identification of the most salient factors for a company or sector as well as for each asset individually.

An Environmental Risk Profile draws from **most recent developments** of spatial agencies, academics, NGOs, governments and other various sources to provide risk assessments in a accurate & granular manner.

An Environmental Risk Profile helps you **inform your strategies**, be it about risk mitigation, business expansion or investment.



Risk factors

Our Environmental Risk Profiles include insights on most environmental risk factors, namely:

- Floods
- Earthquakes
- Droughts
- Landslides
- Cyclones
- Sea level rise
- Heat waves
- Storm surges
- Heavy precipitation
- Icing
- Water stress
- Wildfires

Some risk factors are also evaluated under various climate change scenarios and within various time horizons.

Company Environmental Risk Profile

Content of a Company Environmental Risk Profile in both Light and Standard versions.

Content	Description	Light	Standard
Asset locations	Geographical coordinate and elevation of company's assets	-	Yes
Benchmark	At a glance, this chart shows the company's share of assets exposed to various risk factors and at various intensities. The chart also includes a comparison with the whole sector.	Yes	Yes
Hotspot maps	For each risk factor, a map representing company's assets and their relative exposure.	Yes	Yes
Most exposed assets	For each risk factor, a ranking list of most exposed assets.	10 most exposed assets for each factor	All assets
Asset scorecards	For a single asset, a detailed description of its exposure to various environmental risks.	10 most exposed assets for each factor	All assets
Climate change projections	Projections of heat waves, sea level rise, storm surges, heavy precipitation and water stress in various climate change scenarios and time horizons.	One scenario and year 2050 only	Yes
Historical data	List of past events that hit company's assets. Time horizon ranges from past year to past 5 years, depending on the risk factor.	-	Yes
Data spreadsheets	Excel spreadsheets containing the underlying datasets used to produce the report.	-	Yes
Metric descriptions	Descriptions of risk metrics used in the report.	Yes	Yes
Data sources	Descriptions of data sources used to build the report.	Yes	Yes

Sector Environmental Risk Profile

Content of a Sector Environmental Risk Profile in both Light and Standard versions.

Content	Description	Light	Standard
Asset locations	Geographical coordinate and elevation of sector's assets	-	Yes
Benchmark	At a glance, this chart shows the sector's share of assets exposed to various risk factors and at various intensities. The chart also includes a comparison with the whole sector.	Sector only	Sector vs. 5 largest companies
Hotspot maps	For each risk factor, a map representing sector's assets and their relative exposure.	Yes	Yes
Most exposed assets	For each risk factor, a ranking list of most exposed assets.	20 most exposed assets for each factor	500 most exposed assets for each factor
Asset scorecards	For a single asset, a detailed description of its exposure to various environmental risks.	20 most exposed assets for each factor	500 most exposed assets for each factor
Climate change projections	Projections of heat waves, sea level rise, storm surges, heavy precipitation and water stress in various climate change scenarios and time horizons.	One scenario and year 2050 only	Yes
Historical data	List of past events that hit sector's assets. Time horizon ranges from past year to past 5 years, depending on the risk factor.	-	Yes
Data spreadsheets	Excel spreadsheets containing the underlying datasets used to produce the report.	-	Yes
Metric descriptions	Descriptions of risk metrics used in the report.	Yes	Yes
Data sources	Descriptions of data sources used to build the report.	Yes	Yes

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