

Reinsurance Solutions

Climate disclosures: complex but critical for society

Navigate complex regulatory and reporting requirements with Swiss Re Reinsurance Solutions

Your Challenges



Adapting to evolving sustainability disclosure requirements

including mandates from the EU, FINMA and OSFI is a new and growing challenge.



Understanding transition risks

requires assessing emissions, setting net-zero targets and meeting transparency demands, all of which are complicated by inadequate carbon data and intricate metrics.



Analysing climate change scenarios

is complex as it requires understanding climate signals, running the scenarios and quantifying potential loss impacts.



Recognising nature risks

is tough because it involves pinpointing environmental risks associated with insured activities and assessing the economic implications of declining biodiversity and ecosystems.

Our Solution



Leverage a suite of solutions

that support reporting readiness for multiple sustainability-related disclosure requirements.



• **Carbon Accounting:** Set targets and measure insurance-associated emissions.

• **Transition Risk Analysis:** Assess future impact on portfolios and underwriting approaches.



• **Physical Risk Analysis:** Understand exposure and calculate future losses.

• **Climate Risk Scores:** Reflect climate change impacts on different hazards like sea level rise, extreme precipitation, floods and fire weather stress.

• **CatNet® | Fathom and Bellwether at X:** Integrate climate event models in underwriting.



Biodiversity & Ecosystem scores

Assess the dependency of economic activities on nature, evaluate exposure to environmental risks and identify opportunities for sustainable practices that minimise impact on ecosystems.

Why Swiss Re



Sustainability expertise

Extensive experience in sustainability and risk management and proven insights for the insurance sector.



Proprietary risk scores based on our industry commitment

Dedication to driving positive environmental impact through a comprehensive suite of sustainability solutions.



Advanced analytics assets

Robust, state-of-the-art analytical tools and proprietary data, providing precise, actionable insights for informed decision-making.



Consistent approach across Swiss Re

Commitment to integrating sustainability across underwriting, investments and operations.

Building a sustainable future together

Supporting a European client assess their contribution to Paris climate goals

Client's Challenges

- Ensuring their energy projects meet the Paris Agreement principals.
- Assessing whether these projects are economically viable using carbon shadow prices.
- Gathering and analysing data from scratch, which is both difficult and time-consuming.
- Understanding the specific climate commitments and scenarios of different countries.

Our Solution

- Swiss Re's dedicated team of data analysts, combined with our unique expertise on climate and sustainability for the insurance industry, performed physical and transition risk analysis.
- Access to large global data sources on climate, energy and economic trends, including proprietary CO2 emission models and carbon reduction pathways.

Impact and Beyond

- Assessed 7 key projects covering main emitters in the client's portfolio.
- Delivered a detailed report within 1 month.
- Analysed 42 climatic scenarios.

Be climate-ready with Swiss Re Reinsurance Solutions



Carbon Accounting / GHG Emission Reporting

- Commercial and Motor Insurance Portfolio
- Transition Risk Analysis



Physical Risk Analysis

- Swiss Re Climate Risks Scores
- NatCat & climate event models from CatNet® | Fathom and Bellwether at X



Nature and Environmental Risk Insights

- Biodiversity & Ecosystem System Scores

The use of our deliverables for regulatory reporting purposes is subject to terms & conditions.

Interested in finding out more?
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