

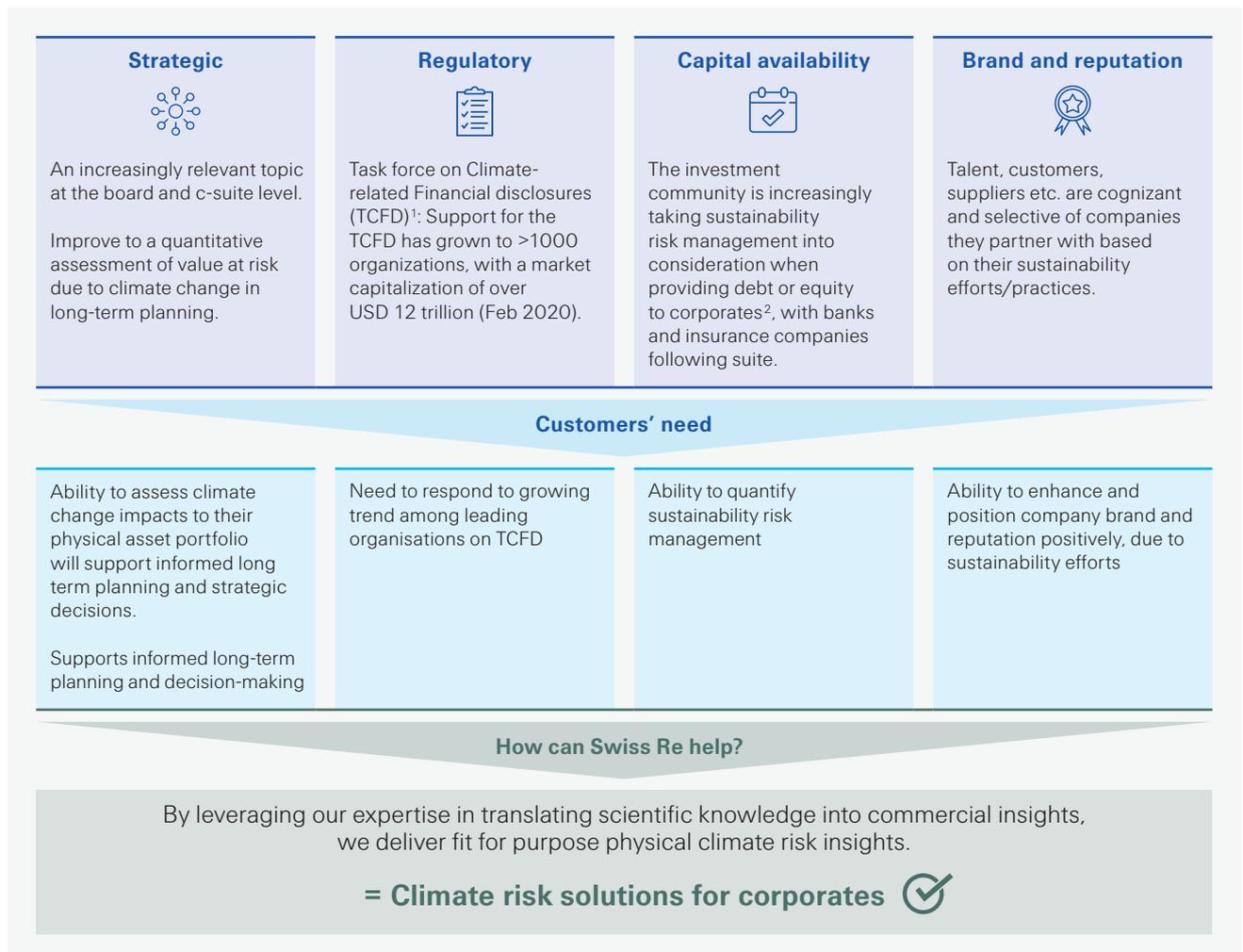
# Climate Risk Solutions for Corporates

Fit for purpose physical climate risk assessment for your portfolio



Companies increasingly appreciate that a focus on sustainability means safeguarding long term business interests, as well as being able to answer to stakeholders, investors, customers and regulators. Climate risk is the defining challenge of our time, and assessing physical climate risk impacts is an important first step towards better understanding its impacts now and in the future.

In particular, companies are recognizing the need to be able to assess their exposure to physical climate risk for the following reasons:



<sup>1</sup> A voluntary scheme for companies to disclose their management of climate risks  
<sup>2</sup> ESG investing performance for investment management | Deloitte Insights

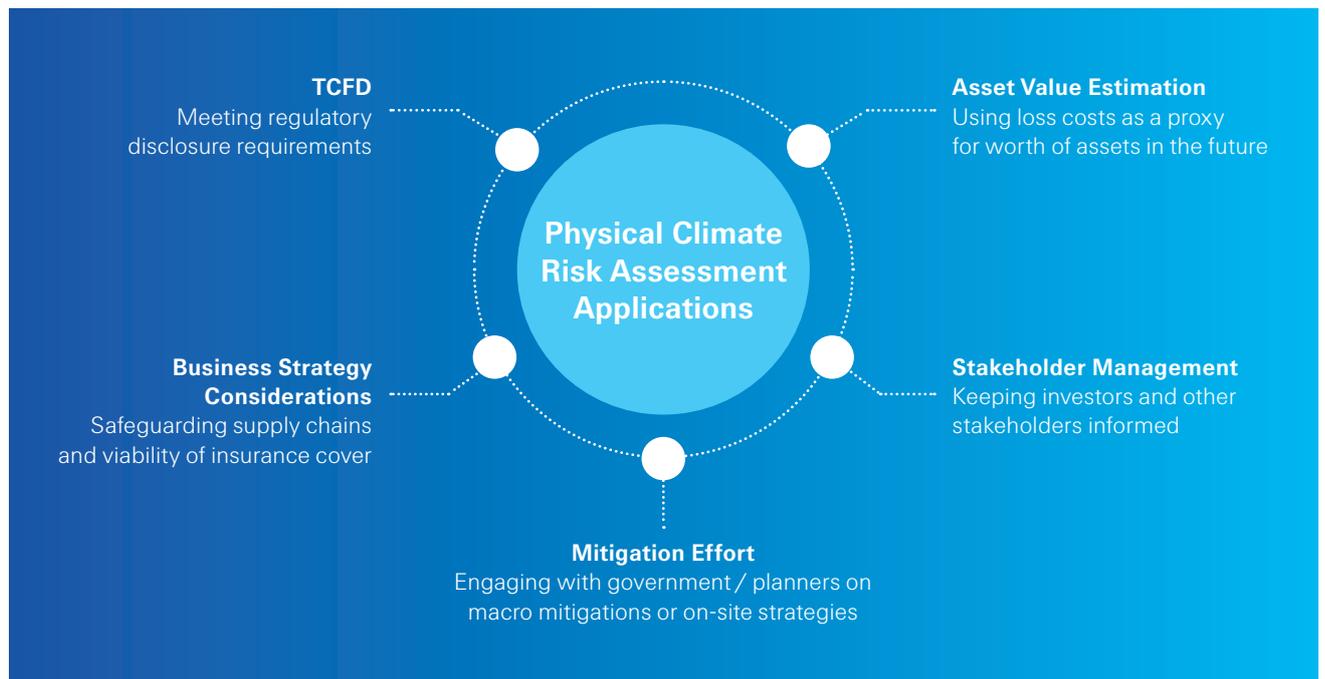
### How our value-added service quantifies physical climate risks

We believe that physical climate risk assessment is a natural starting point in broader climate engagement, and forms an integral part of broader risk management that enables companies to quantify the impact of physical climate risk on their portfolios which are particularly exposed to the consequences of climatic changes – now as well as in the near-, mid- or long-term future.

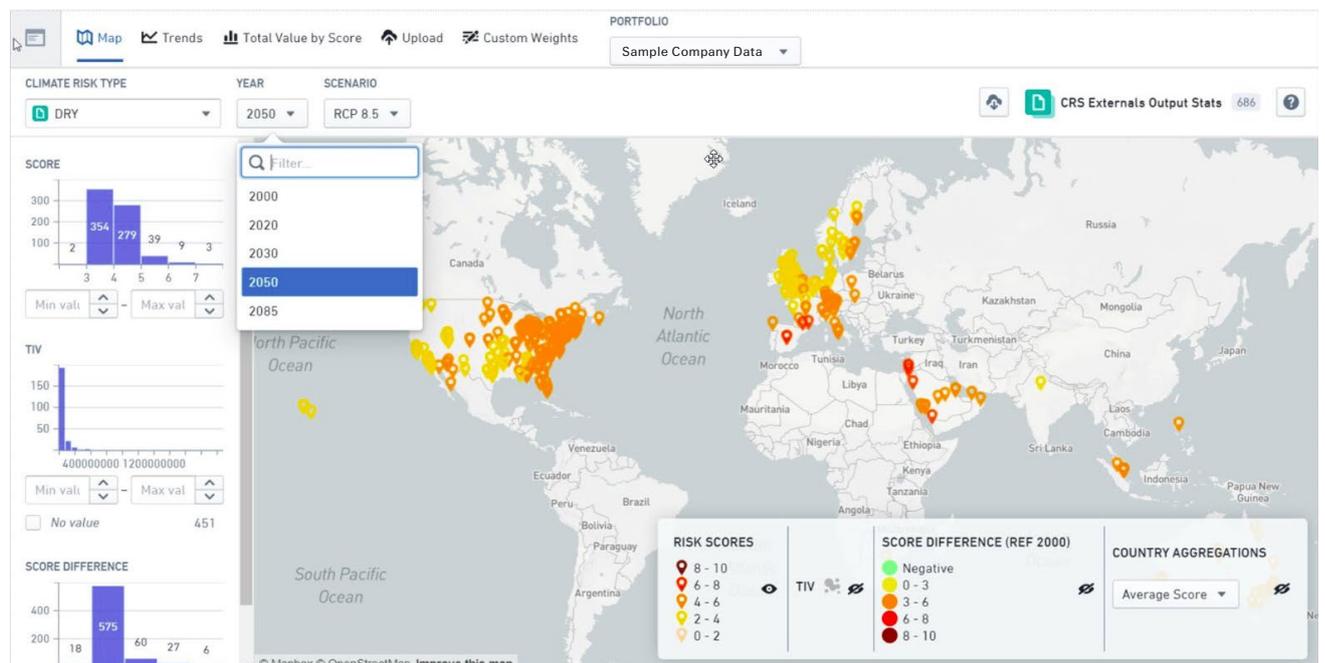
Leveraging global climate model outputs and using a defensible, transparent methodology, we use climate risk

scores to identify a portfolio’s exposure to climate change risks beyond today. Our Climate Risk Score Framework combines forward-looking climate model data for precipitation and sea-level rise with Swiss Re’s global flood and storm-surge zones of today to create a high-resolution assessment of physical climate risk.

With our holistic and tailored service, you can also benefit from ‘deep dives’ of identified climate hotspots to obtain explicit loss costs. We are also uniquely positioned to provide critical peer review of results from other climate service providers.



### Visualisation of dry climate risk score in 2050



## How is physical climate risk quantified?



## What differentiates us



## Three tiers of service offerings

<p><b>Level 1</b> High Level Portfolio Overview</p> 	<p><b>Level 2</b> Climate, 'Hot Spot' Deep Dives</p> 	<p><b>Level 3</b> Risk Mitigation and Risk Transfer Options</p> 
<p><b>Product:</b> Customer receives climate risk scores in report form, and a detailed explanation of results from a climate expert. Tool Access can also be made available.</p>	<p><b>Product:</b> Customer receives highly customized analysis and explicit loss cost modelling for identified peril scenarios.*</p>	<p><b>Product:</b> Customer receives specific micro-level mitigation at location level resolution supported by our Risk Engineering Services team. Risk transfer solutions may also be provided.</p>

\* Depending on complexity and existing coverage of Swiss Re proprietary catastrophe models.

## Alternative service offering



**Product:**  
Drawing upon our expertise, customer gets a critical peer review of results from analyses performed by other climate service providers.



### Client testimonial: **Ausnet Services**

AusNet Services operates electricity networks in some of the most bushfire prone regions in Australia. Effectively mitigating the operational and financial risks are fundamental to business operation. For Board deliberations on future trends, we commissioned Swiss Re for a thought leadership piece on:

1. The impact of climate risk on bushfire perils, bushfire risk in Australia;
2. Fire risk management practices in California; and
3. Potential financial solutions for managing that risk.

The analysis done on climate drivers for SE Australia and innovative financial solutions was particularly insightful. [This highlighted new ways existing data could be brought together to generate leading indicators of bushfire risk in SE Australia and how data could be used to create new financial risk instruments.](#) This material will help ensure AusNet Services has avenues to maintain effective and low-cost financial risk mitigation as insurance markets tighten around the world.

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