

A large flock of flamingos is gathered in a shallow, blue-tinted wetland or lagoon. The birds are scattered across the water and the surrounding muddy banks, some standing and others in flight. The background shows a vast, flat landscape under a clear sky.

NOT IF, BUT HOW

Munich RE 

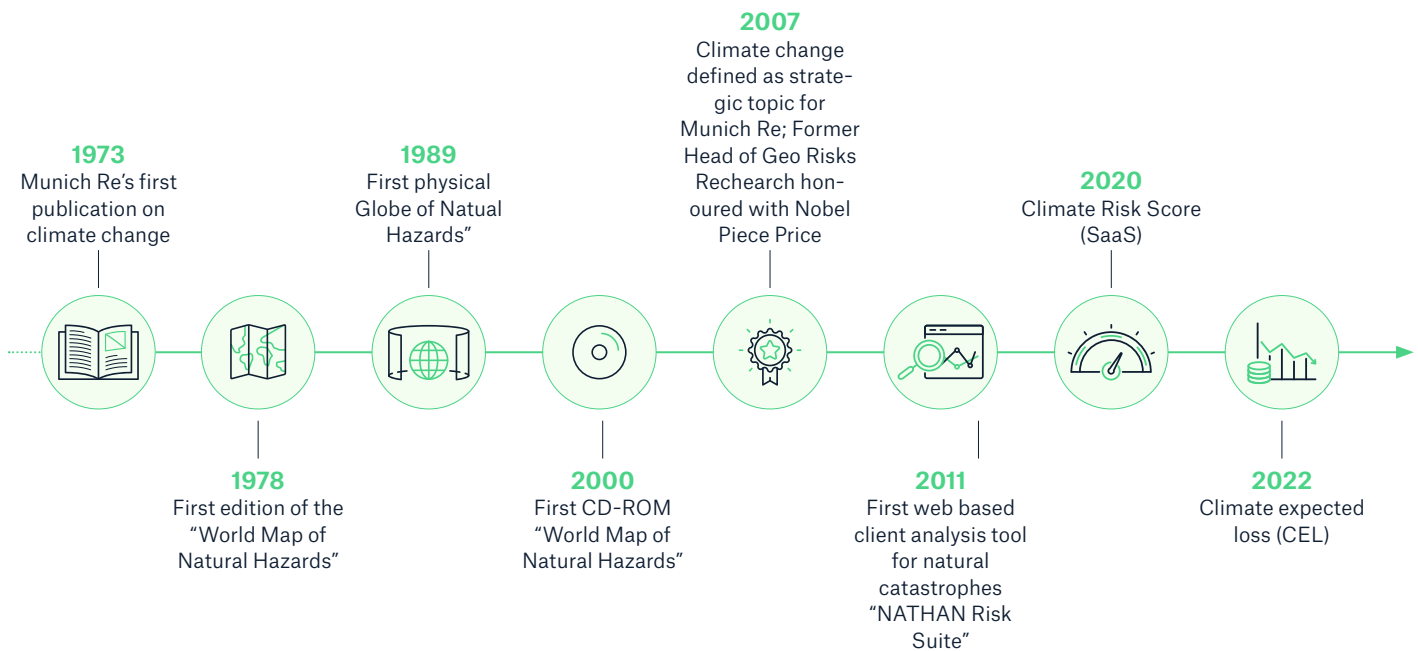
Munich Re: Your partner in navigating climate change risks

Munich Re is a leading global provider of reinsurance and insurance-related risk solutions. We are globally active and operate in all lines of the insurance business. We're also playing a key role in driving forward the digital transformation of the insurance industry, and in doing so have further expanded our ability to assess risks and the range of services that we offer. Our tailor-made solutions and close proximity to our customers make Munich Re one of the world's most sought-after risk partners for businesses and institutions.

Munich Re of Africa has been operating in sub-Saharan Africa for over 55 years, with operations commencing in Johannesburg in 1968.

Five decades of research on the impact on climate change

When the rising trend in both overall and insured natural disaster losses first emerged in the 1970s, Munich Re was quick to identify the greater need for expertise in this field. Since then, our experienced scientists and insurance experts have been analysing and assessing the full spectrum of natural hazards.

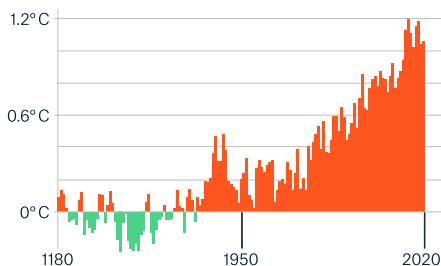


What it means for our planet and for our industry

Climate change alters risk, meaning even a small increase in average temperatures can significantly raise the probability of extreme weather events.

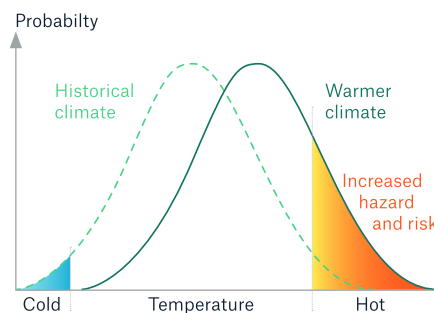
Small increase in average temperatures → Large increase in probability of extremes

Global: Primary effect of climate change: Linear temperature trend (1880 – 2022) 1.2° C → man-made share >>50%



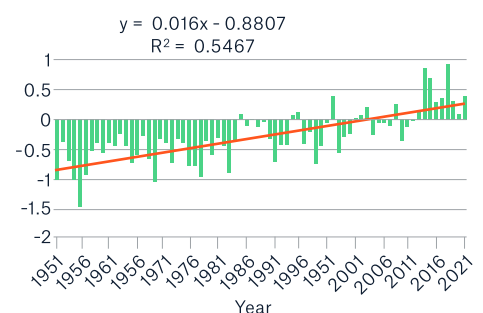
Annual temperature anomalies (°C) compared to the 1880 – 1900 average

Global: Secondary effect of climate change: Changing probabilities of extremes → new risks / loss levels



Increase of global average temperatures – changing probability distributions

Africa: Average Surface Temperature: Deviation (base period 1991 – 2020)



Warming trend of 0.16 °C per decade indicated for the country, over the period 1951 – 2022

Climate change = risk of change



Changing probabilities of extreme weather and development / spread of infectious diseases



Increase in frequency and / or intensity of weather-related natural perils **already observable**



Each of the **last four decades have been warmer** than the previous decade



Greater uncertainty and volatility underscores the **necessity of modelling and mitigation**



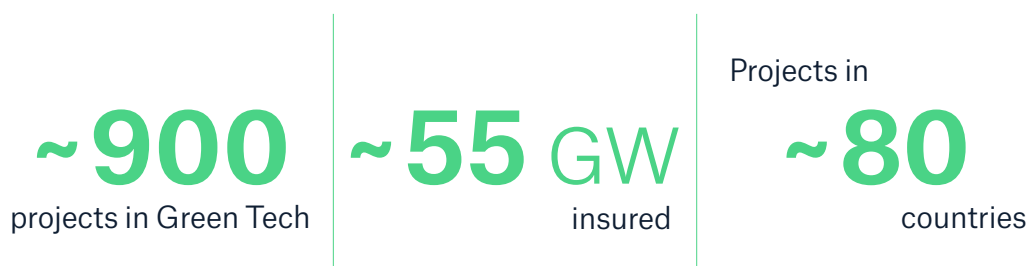
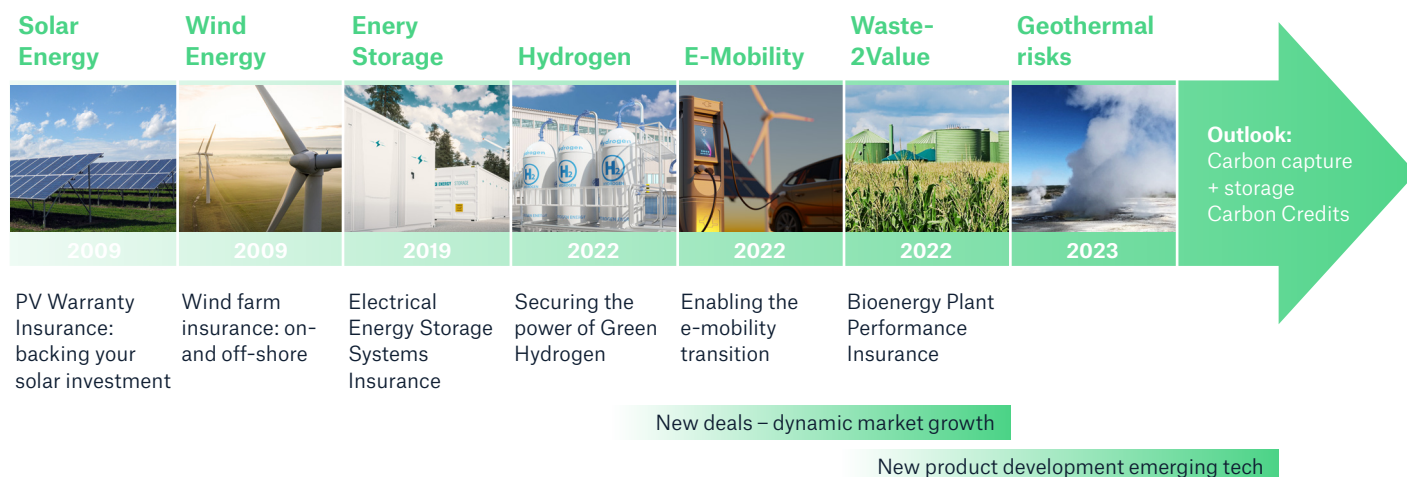
50 years of natural hazards data collection and climate experience enables Munich Re to help our clients to **Identify – Measure – Manage climate-related risks**



Don't hesitate to **contact us!**

Munich Re climate expertise enables mitigation solutions

For manufacturers, projects and investors: Improving bankability and investability of new technologies



We believe insurance extends beyond financial security, and that progress is more than just moving on. In every part of our business, we pioneer the industry, harnessing the power of evolutionary innovation and 140 years of expert vision. Our focus is on delivering insights that guide people and businesses to a future that is more confident, inclusive and impactful. A future we invest in and that you can trust in.

Leading progress forward

Find us at The AUAS meeting room and Booth no.9
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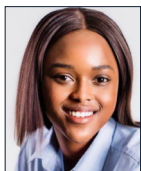
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