

News release

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Guy Carpenter launches suite of climate advisory and modeling services

Partnering with global Marsh McLennan businesses to help clients address physical, transition and liability risk

New York, July 7, 2021 – Guy Carpenter & Company, LLC, a leading global risk and reinsurance specialist and a business of Marsh McLennan (NYSE: MMC), announced today the launch of a suite of climate advisory and modeling services, as companies look to develop and integrate robust climate change strategies into their overarching Environmental, Social and Governance programs.

Climate change is increasingly influencing the frequency and severity of natural catastrophe perils with physical climate risk creating both acute and chronic threats. In tandem, the shift to a less-polluting lower-carbon economy is spawning multiple transition risks, while failure to manage these physical and transition exposures is generating the potential for liability risks.

To enable its clients to navigate the multitude of challenges created by this highly dynamic environment, Guy Carpenter has established an integrated range of services designed to address multiple facets of physical and liability risk, while leveraging the power of the other Marsh McLennan businesses to also tackle transition risk.

Key Marsh McLennan services include:

- Physical risk modeling – natural hazard risk assessment and risk modeling, exposure data enhancement, adjustment of catastrophe models
- Risk governance and regulation – capital modeling and solvency capital requirement calculations, regulatory compliance processes
- Risk transfer – traditional risk transfer, parametric instruments and catastrophe bonds
- New institutional arrangements – advice on public risk transfer solutions and public/private partnerships
- Insurance solutions – risk underwriting for new technologies and infrastructure

Commenting on the launch, Peter Hearn, CEO, Guy Carpenter, said: “The myriad challenges resulting from climate change have initiated action, with early adopters seeking to demonstrate best-in-class responses to these issues. To reach that level, clients must gain clarity around critical areas such as their physical exposure to climate risk, how they manage transition risk, how they address potential liability risk, and how they underwrite towards greener outcomes. By offering this wide spectrum of climate-focused services and collaborating with the wider Marsh McLennan businesses, we can help our clients achieve that clarity.”

Guy Carpenter is uniquely positioned to help its clients understand which perils and regions are most at risk due to climate change. By using catastrophe modeling tools suitable for different future time horizons and warming assumptions, geographic accumulations of risk and/or underwriting, it can enable companies to quantify the impacts under potential climate scenarios on the overall volatility and tail risk of their insured portfolio. By applying

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a combination of modeling techniques, proprietary risk assessments and the latest in scientific research, clients can prioritize their climate-related activities, while also benchmarking the success of their approach against industry peers.

Working in tandem with Marsh, Oliver Wyman, and Mercer, Guy Carpenter is also able to provide services to its clients that span several other climate-related areas. These services include transition risk modeling, climate investment portfolio modeling, asset-level resilience surveys and scoring, and commercial due diligence.

Dean Klisura, President, Guy Carpenter, added: "Managing climate risk is becoming an increasingly prominent component of an organization's overarching Environmental, Social and Governance approach, with the majority of our clients expressing a strong desire to develop robust strategies on this front. As the direct impacts of a shifting climate reverberate through our industry, Guy Carpenter is working to provide our clients with the foundations necessary to build resilience, ensuring that they are in turn able to deliver for their clients during this transformative period for our planet."

TAGS/KEYWORDS

Guy Carpenter, Marsh McLennan, MMC, Marsh, Oliver Wyman, Mercer, Reinsurance, Climate Change, Catastrophe, Modeling, Peter Hearn, Dean Klisura

About Guy Carpenter

[Guy Carpenter & Company, LLC](#) is a leading global risk and reinsurance specialist with more than 3,200 professionals in over 60 offices around the world. Guy Carpenter delivers a powerful combination of broking expertise, trusted strategic advisory services and industry-leading analytics to help clients adapt to emerging opportunities and achieve profitable growth. Guy Carpenter is a business of [Marsh McLennan](#) (NYSE: MMC), the world's leading professional services firm in the areas of risk, strategy and people. The Company's 76,000 colleagues advise clients in over 130 countries. With annual revenue of \$17 billion, Marsh McLennan helps clients navigate an increasingly dynamic and complex environment through four market-leading businesses including Marsh, Mercer and Oliver Wyman. For more information, visit www.guycarp.com and follow Guy Carpenter on LinkedIn and Twitter @GuyCarpenter.