



Demystifying the Relationship between Supply Chain and Climate Change

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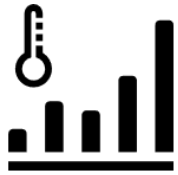




Climate Change



- Long-term changes in temperature, precipitation patterns, sea levels, and extreme weather events and other impacts such as depletion of Ozone are referred to as "climate change,"



Temperature Change



Precipitation
Patterns



Sea-Level Rise

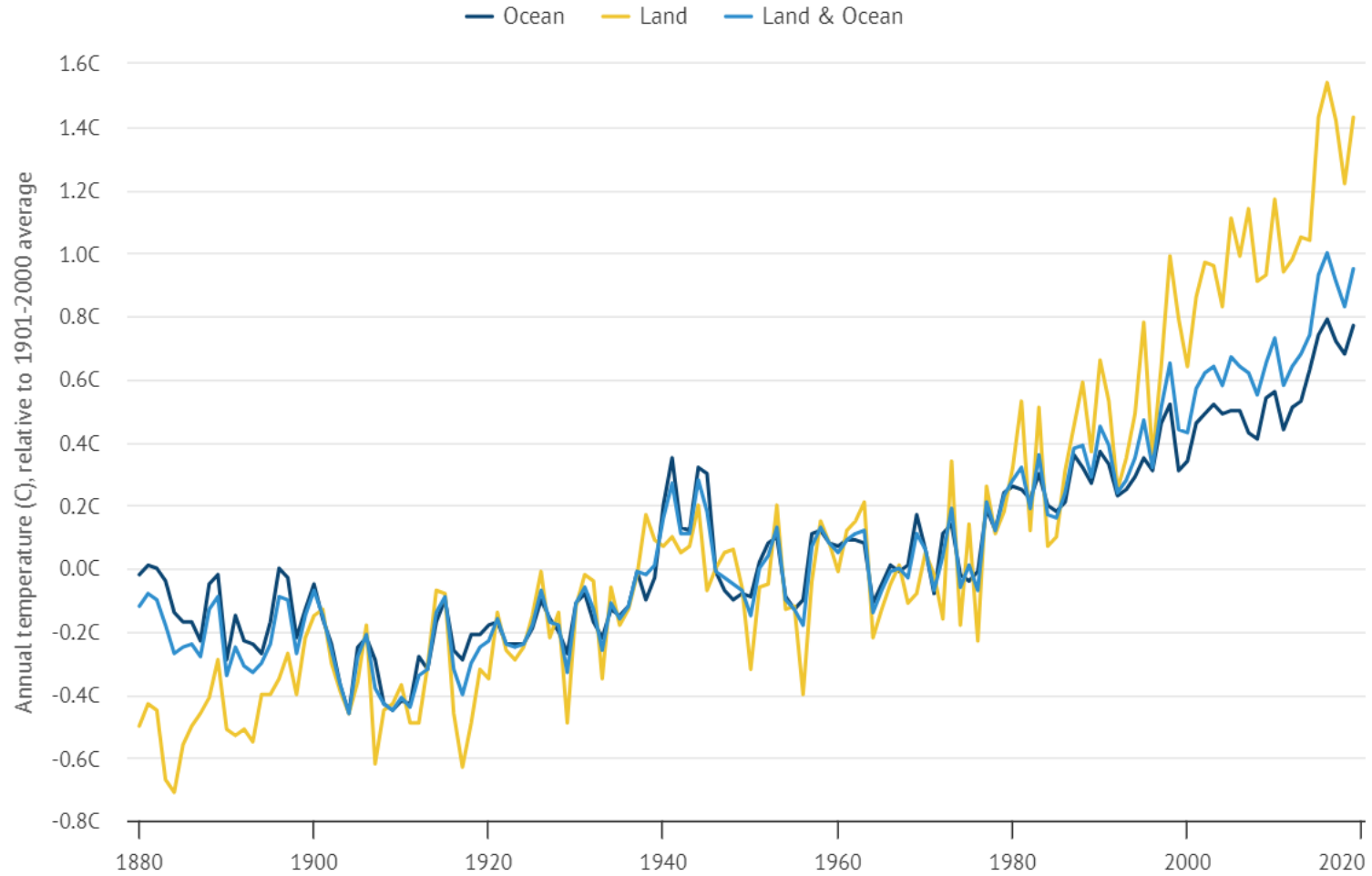


Extreme Weather Events

- Global climate change is a problem with serious repercussions for the economy, society, and environment.

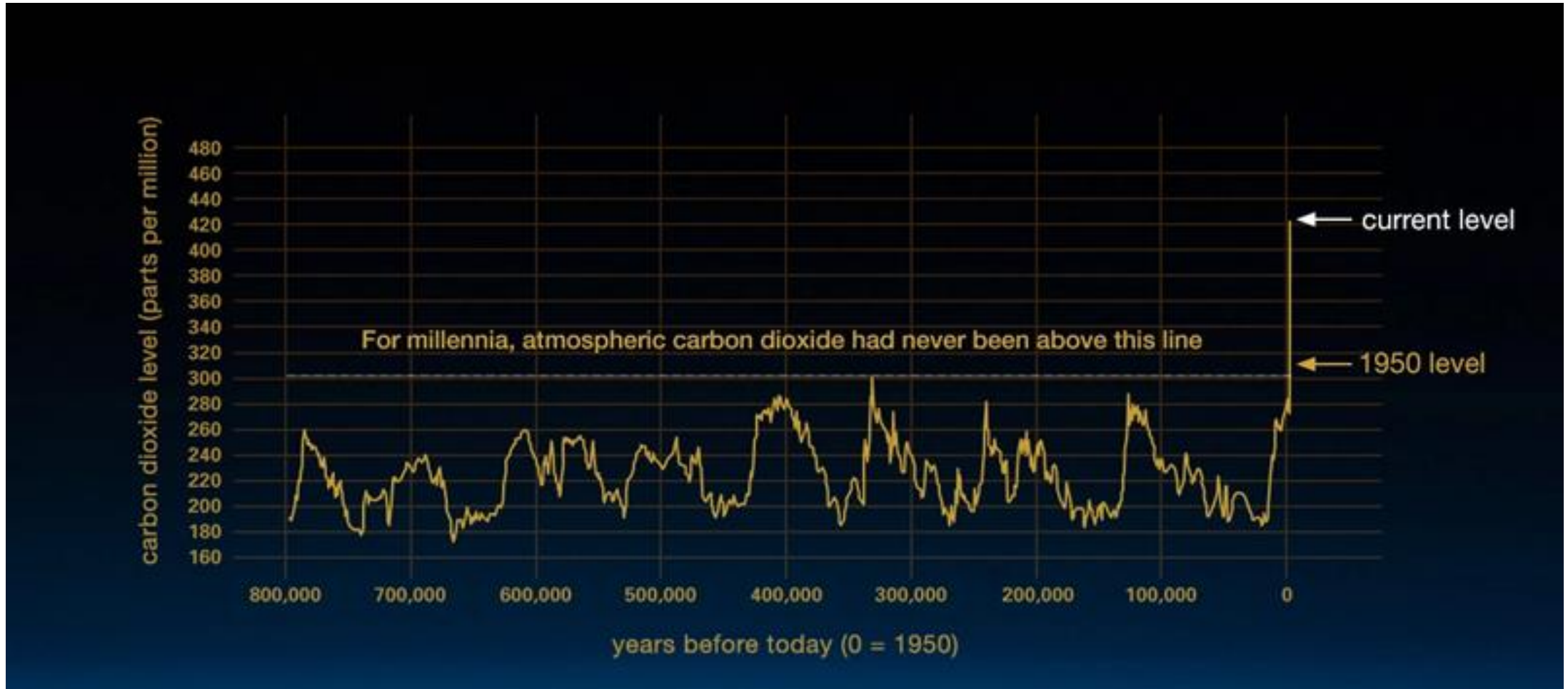


Global Temperature Increase



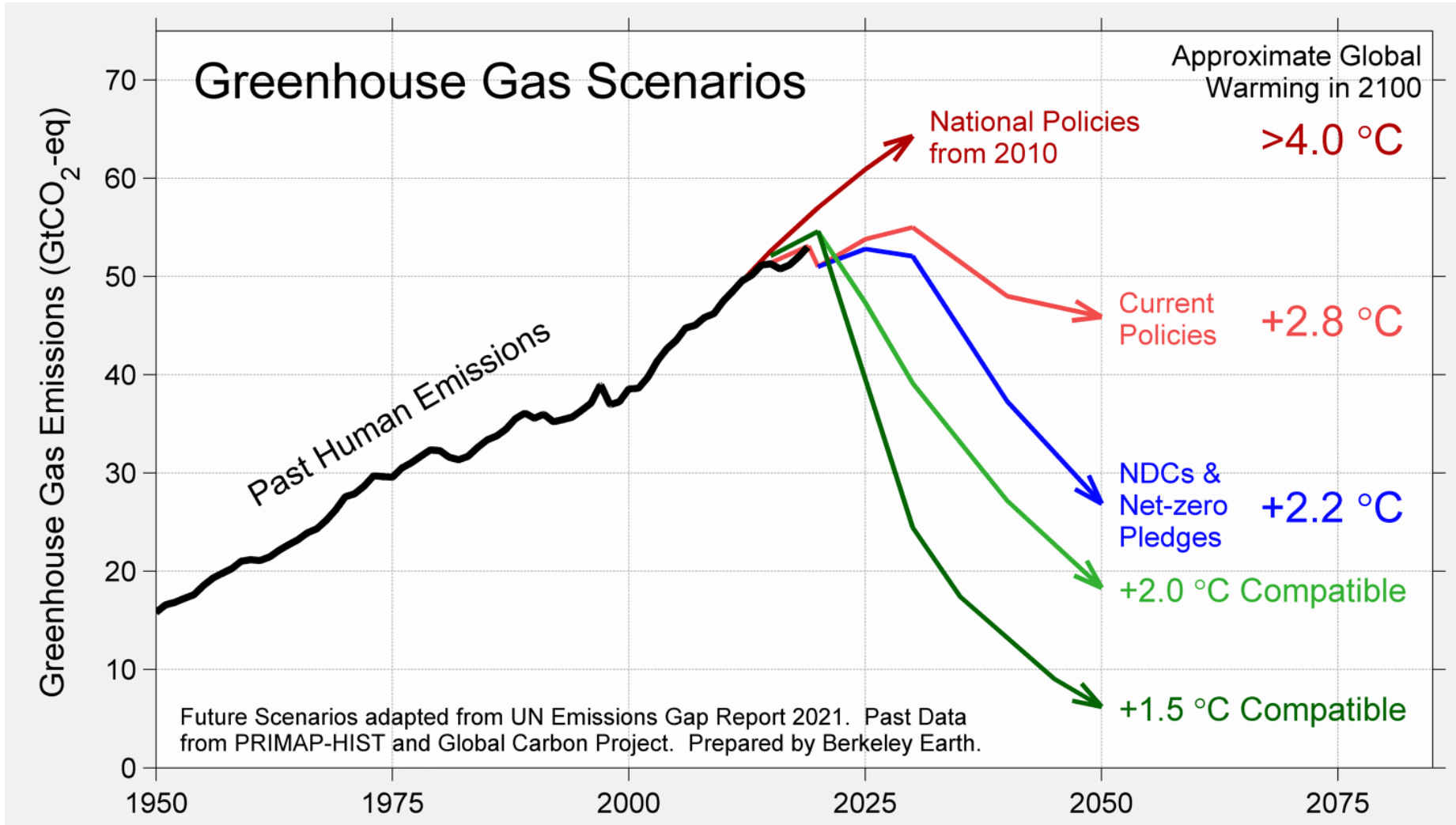


Historic Carbon Emissions



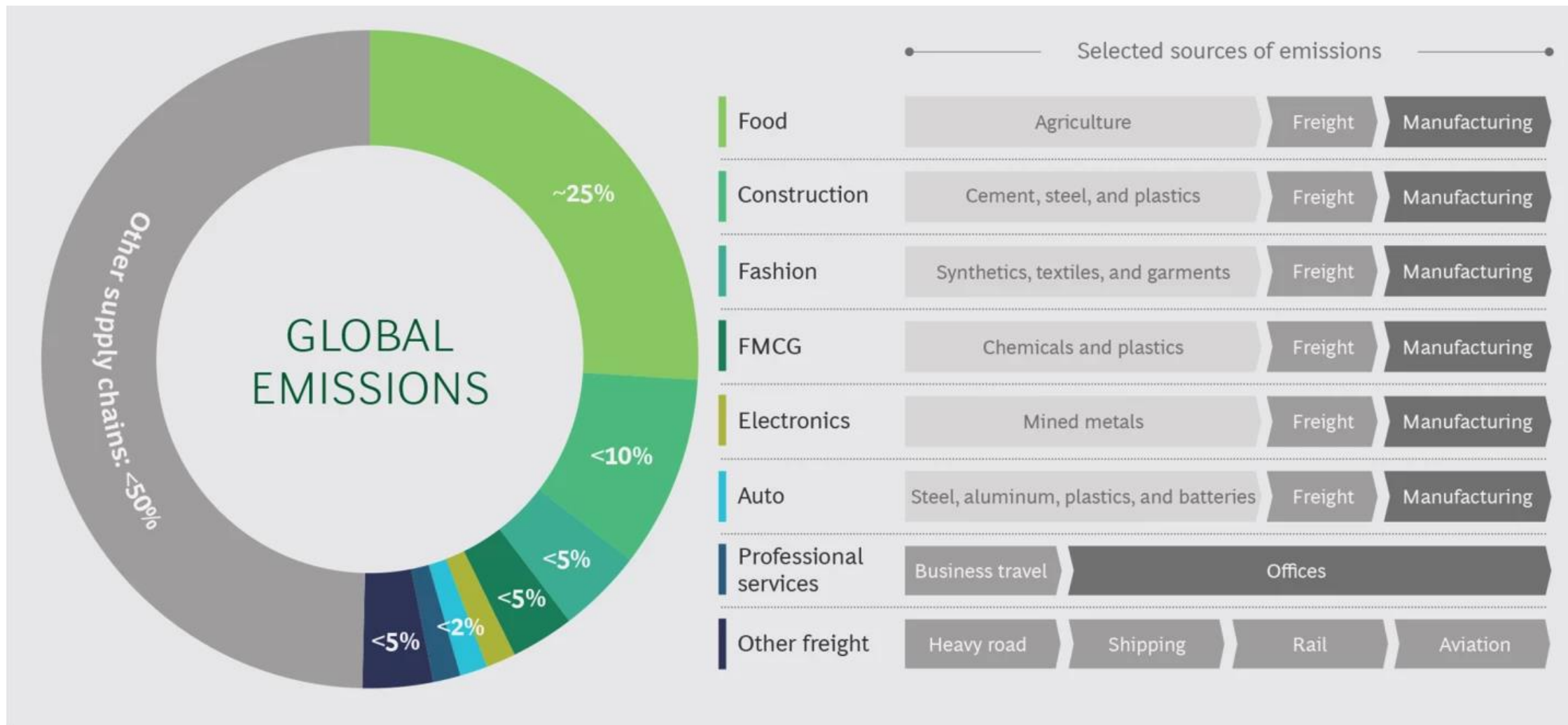


Carbon Emissions and Climate Change



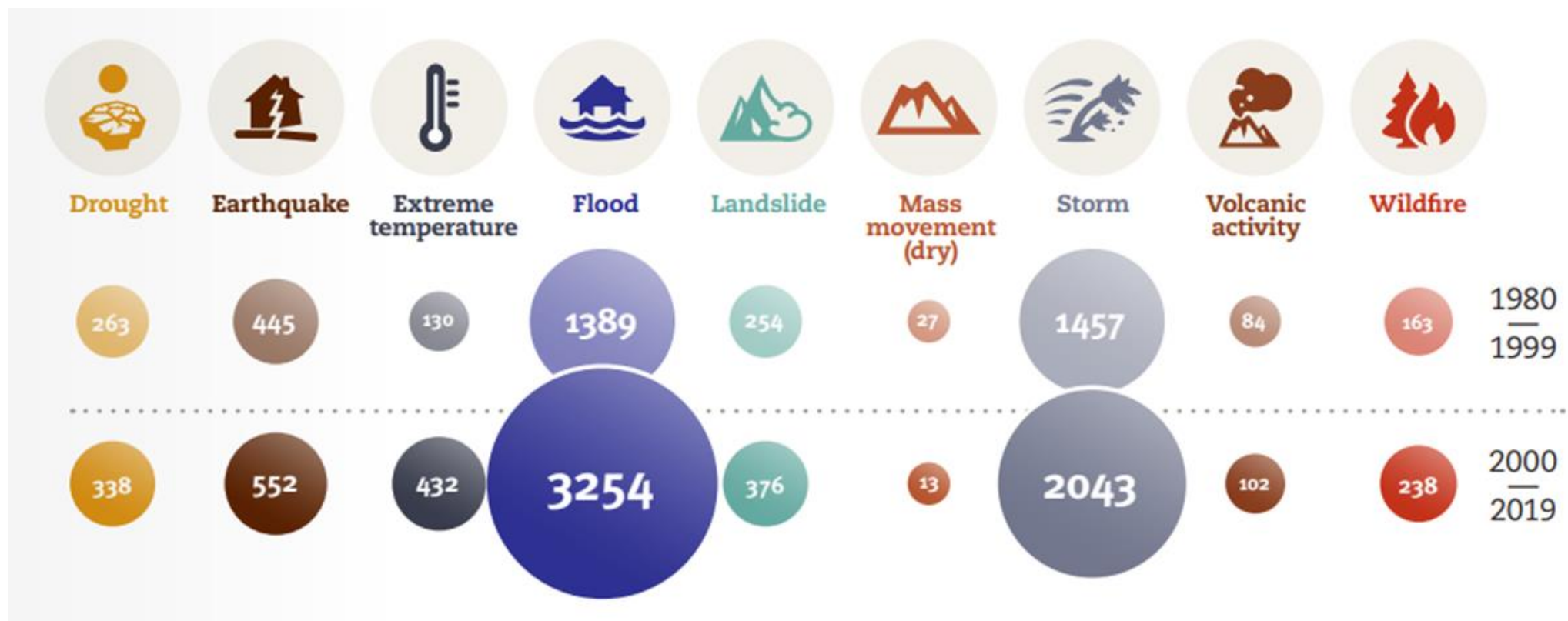


Perspective 1 - Supply Chain as the Enabler/Cause of Climate Change





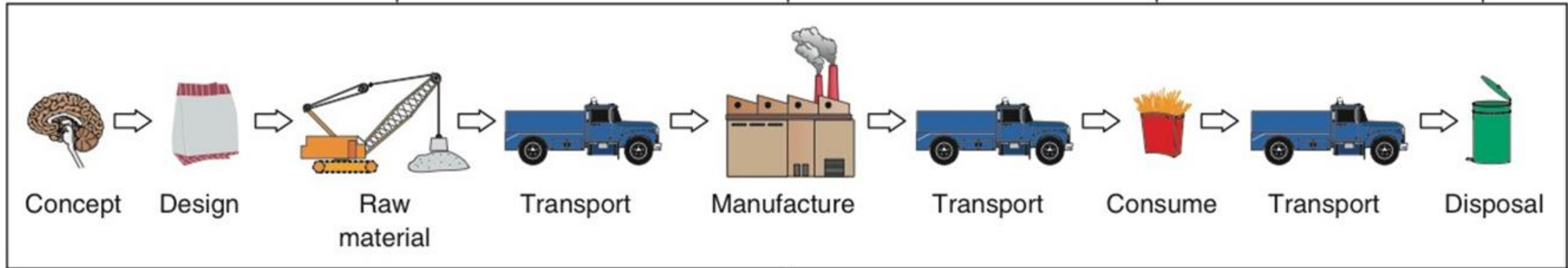
Perspective 2 - Supply Chain as a Victim of Climate Change



“Over the past 20 years (2000-2019), there were 438 natural disasters directly linked to extreme temperatures, marking a more than threefold increase compared to the 130 events recorded from 1980-1999”



Perspective 3 - Supply Chain as a Solution to Climate Change



- Initiative Decarbonization of the end-to-end supply chain
- Green design, green procurement, green manufacturing, green packaging, green transportation, green warehousing, end of life management for promoting sustainability and circular economy
- Scope 3 Emissions - indirect emissions that occur in the upstream and downstream activities of an organisation accounts for more than 70% of total emissions of a business



Assessment of Progress Towards Paris Agreement



- The first Global Stocktake (GST) will take place during COP28 and will provide a comprehensive assessment of progress since adopting the Paris Agreement.
- This will help align efforts on climate action, including measures that need to be put in place to bridge the gaps in progress.





Thank you