



UNIVERSITY OF
CAMBRIDGE
Judge Business School

Managing Future Risk in International Supply Chains

June 20, 2019

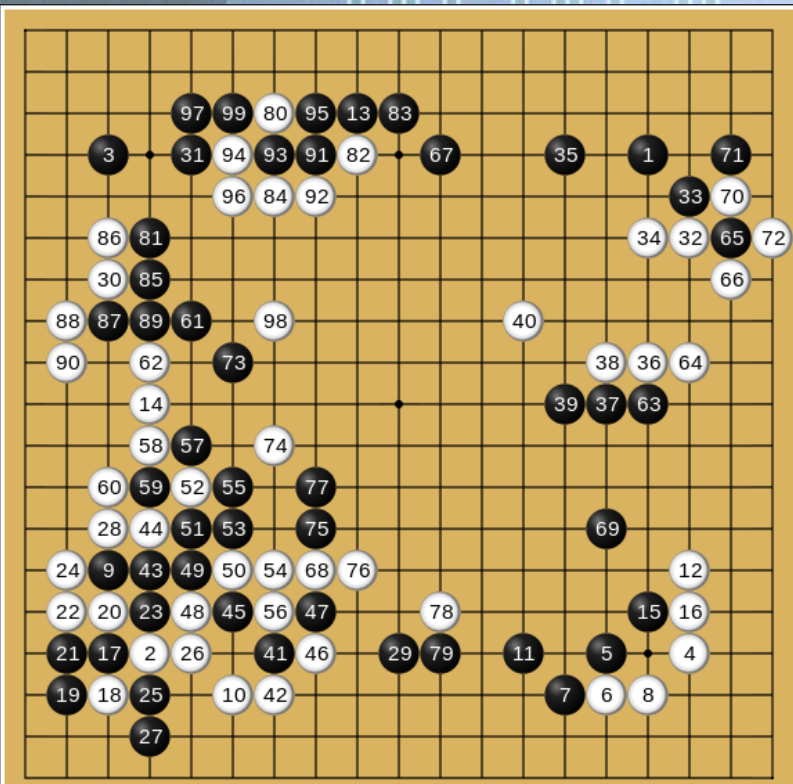
Nick Wildgoose, CEO Supplien Consulting

Resilience as a competitive advantage



Supply Chain 4.0

You don't touch!!



What is available already

Where are we?



Supply Chain
Visibility

Where is our stuff?



Shipment
tracking

What's going on?



Risk & Incident
Monitoring

How prepared am I?



Risk & Impact
Assessment

Are my partners OK?



Supply Watch

How prepared are they?



Transparency
Portal

How to enable manage.?



Analytics

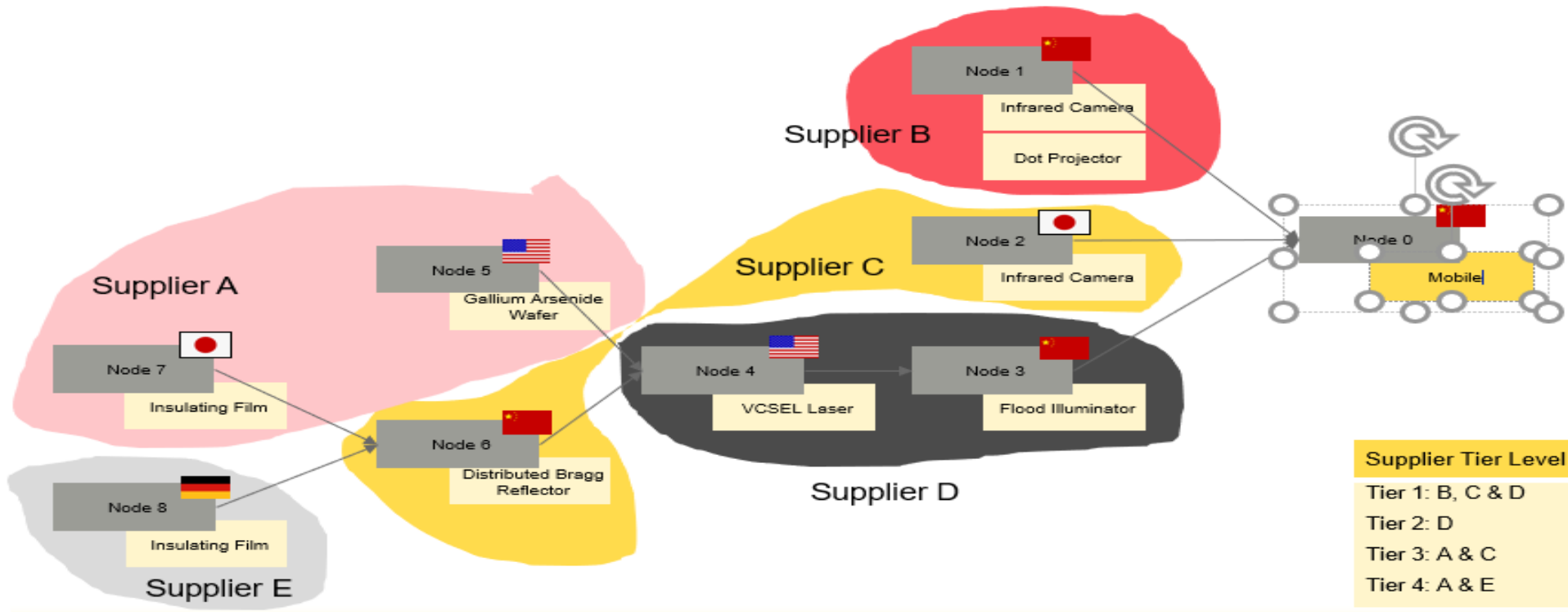
Challenges in Technology Adoption

- Post rationalization of disruption events
- Silo mentality
- Developing a compelling ROI

Multi-tier transparency and understanding

- Many companies only looking to get to Tier 2
- Importance and regulatory change will drive this development.

Supplier can have one or multiple Nodes also across Tier levels

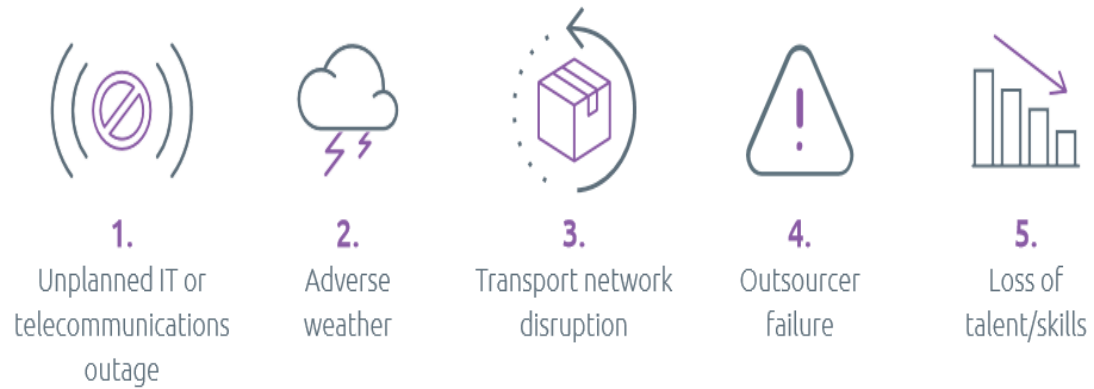


Climate Change

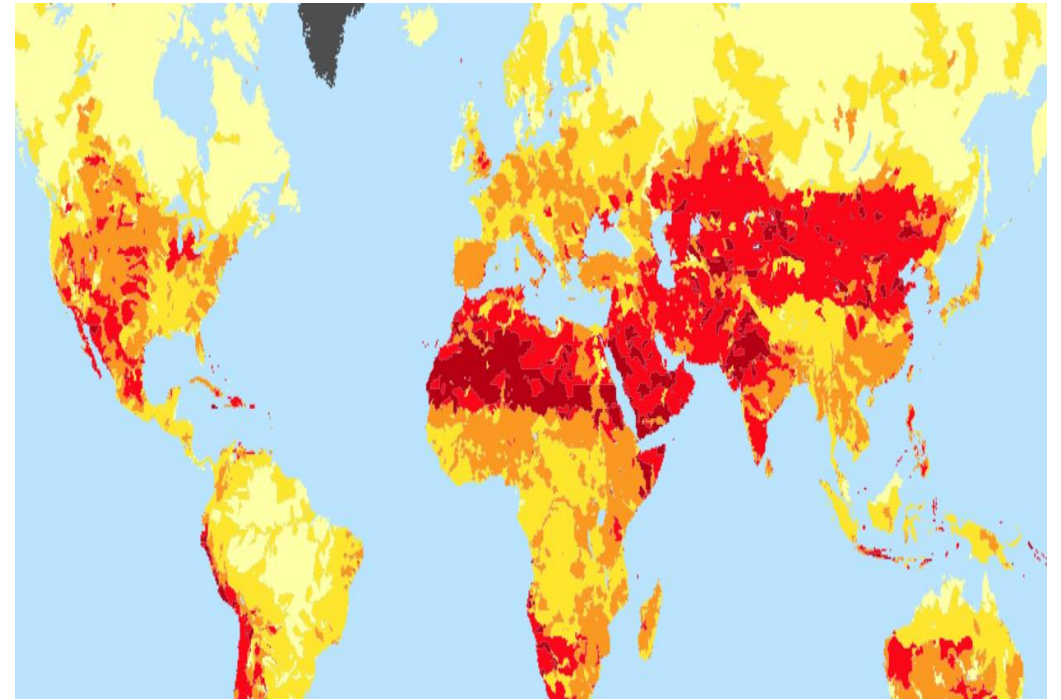
- Too much and too little water!
- Navigation on the Rhine

CAUSES AND CONSEQUENCES OF SUPPLY CHAIN DISRUPTION

Top five causes of disruption, 2009-2018



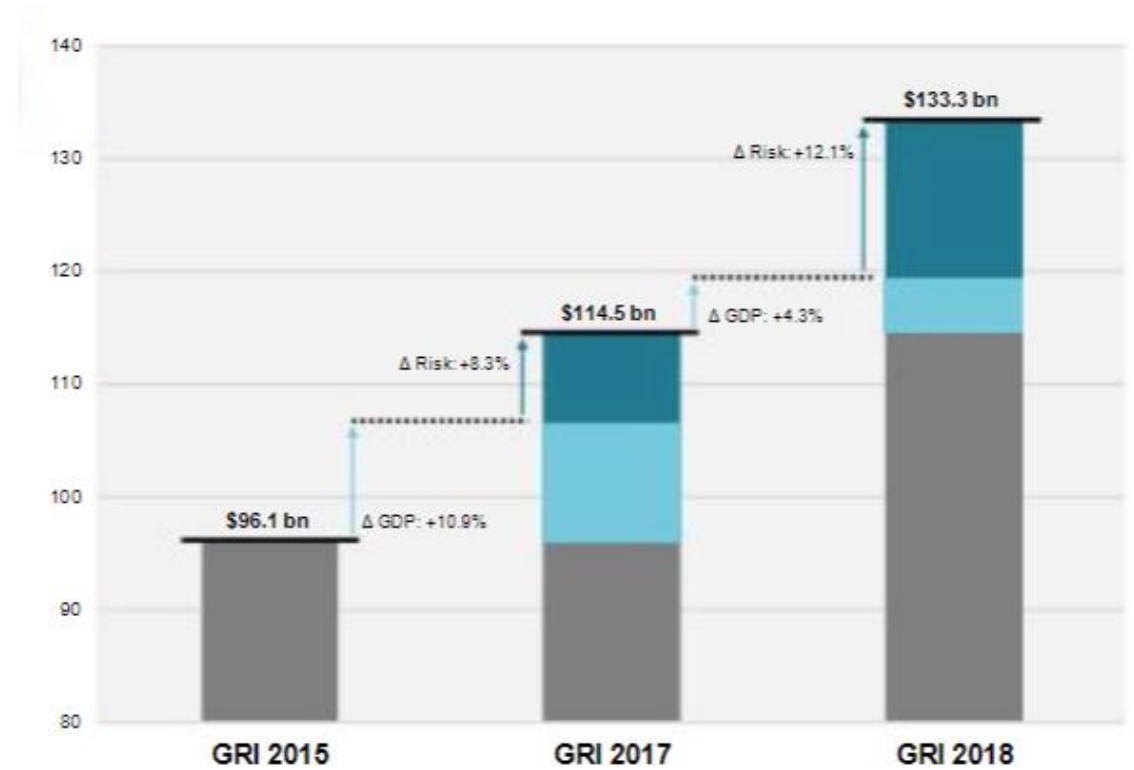
Source: BCI Supply Chain Resilience Report



Source: WRI Aqueduct

Mass Migration and Populism

- Climate change is driving elements of geopolitical risk
- Syrian Conflict
- Increasing geopolitical risk

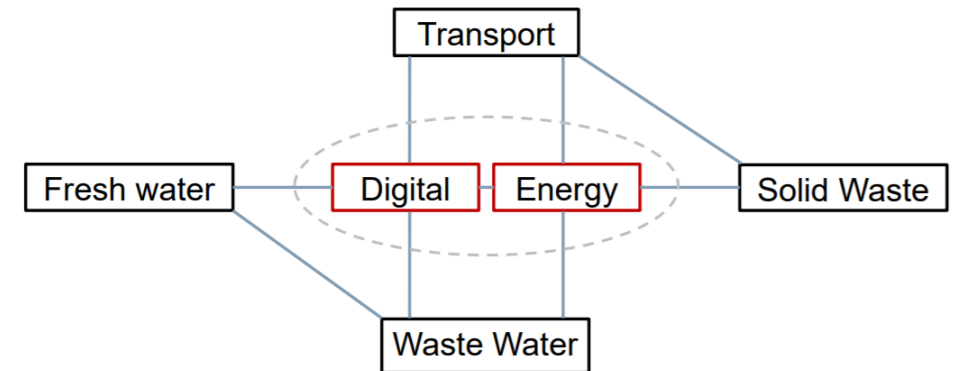


Source: Cambridge Risk Centre Global Risk Index 2018

Infrastructure Failure

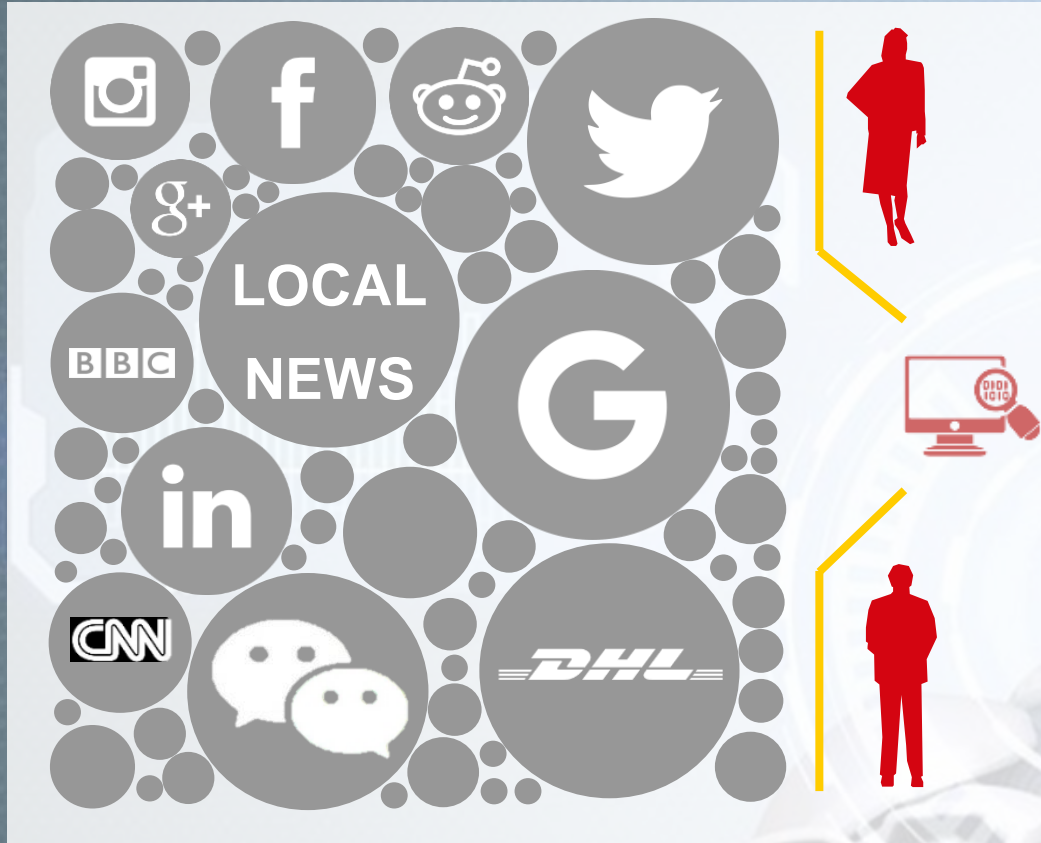
- Supply chains depend on infrastructure
- Increasing interdependences
- Limited inclusion in supply chain strategy

A System-of-Systems Approach to Infrastructure



Source: Cambridge Risk Centre Dr Edward Oughton

Integrated Agility and Velocity

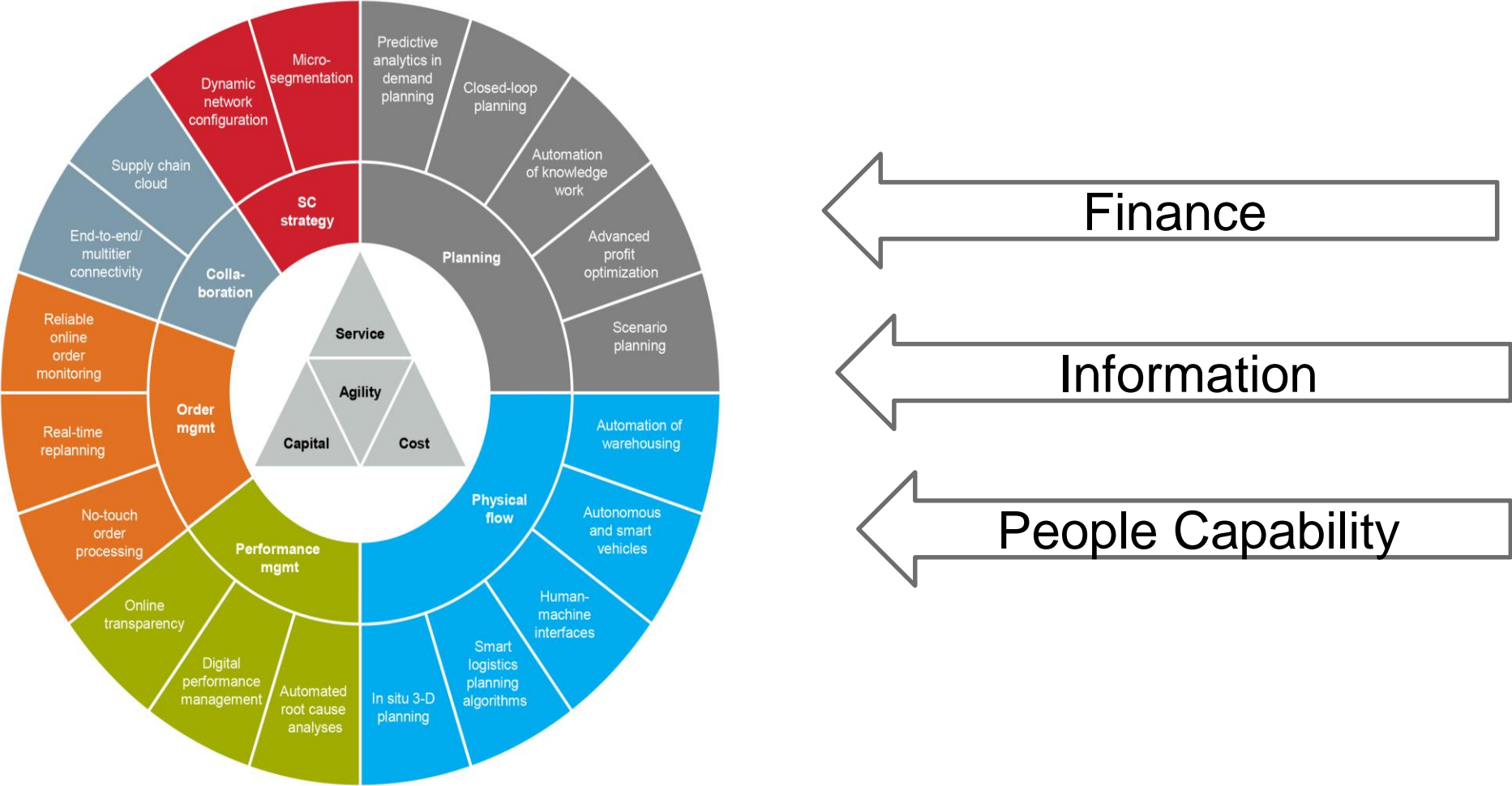


Real Time

Connected

Mobile

What does the value network of the future look like?

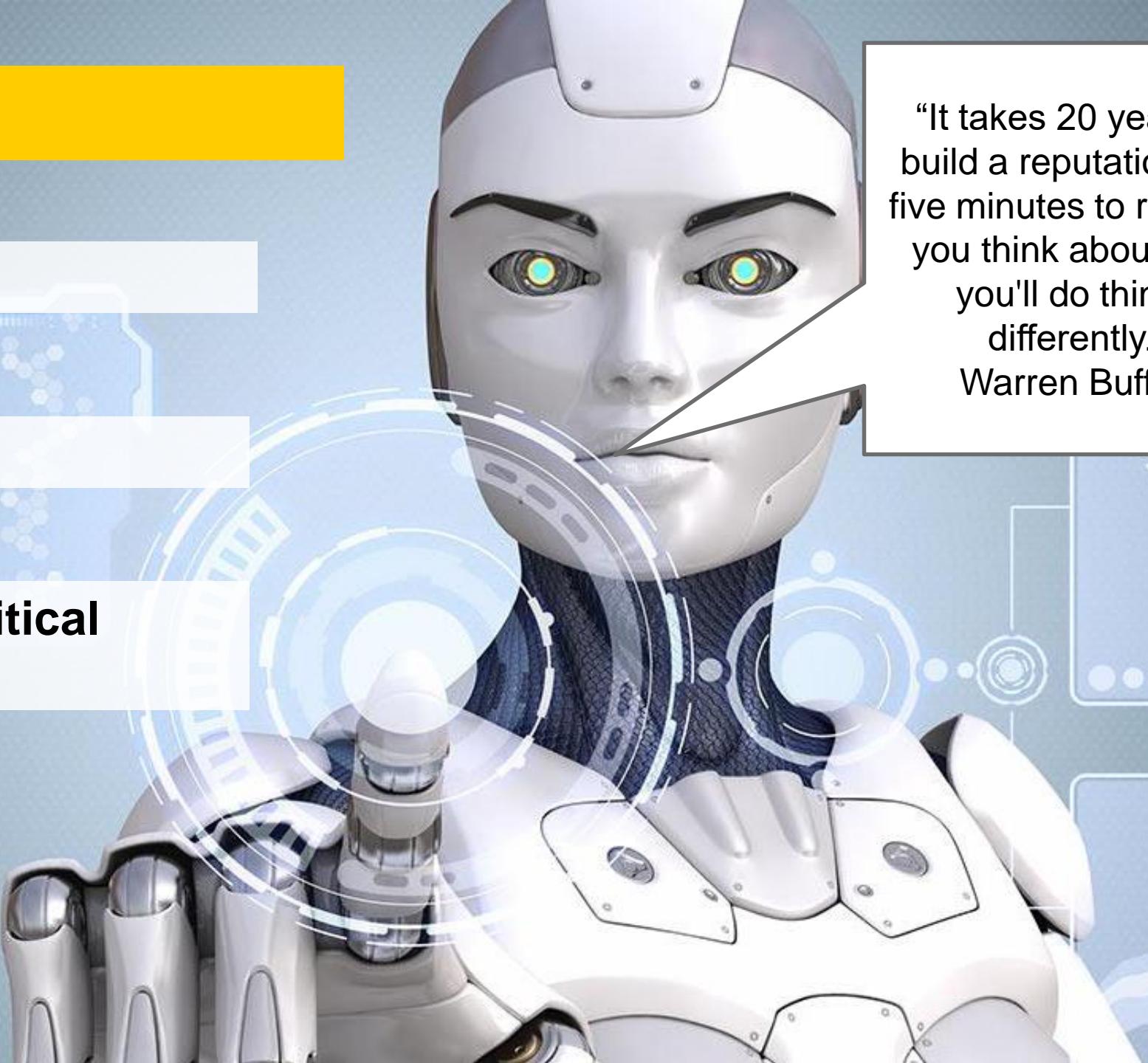


New Risks

Cyber

Human interactions

Change velocity in a political context

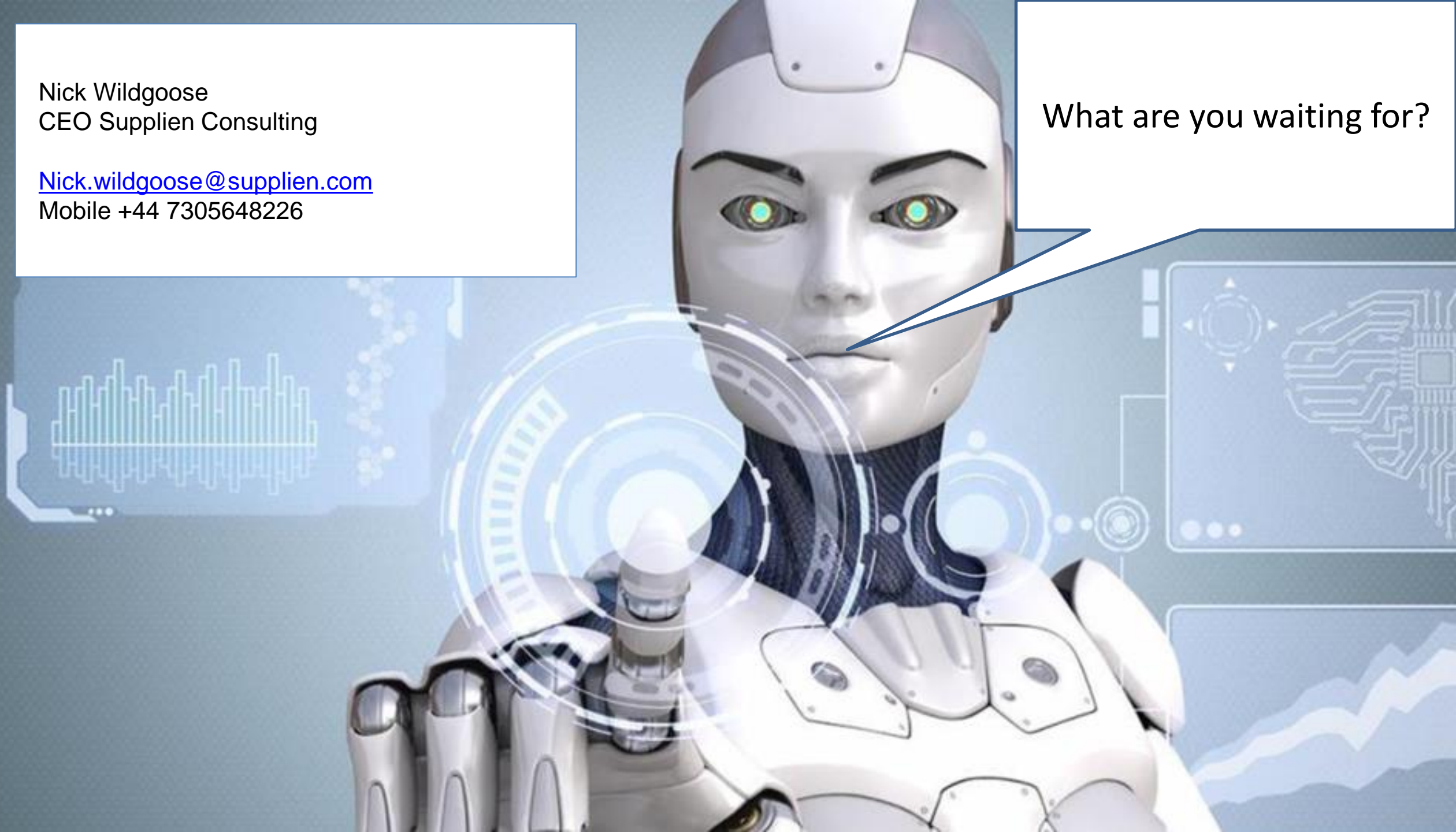


“It takes 20 years to build a reputation and five minutes to ruin it. If you think about that, you'll do things differently.”
Warren Buffett

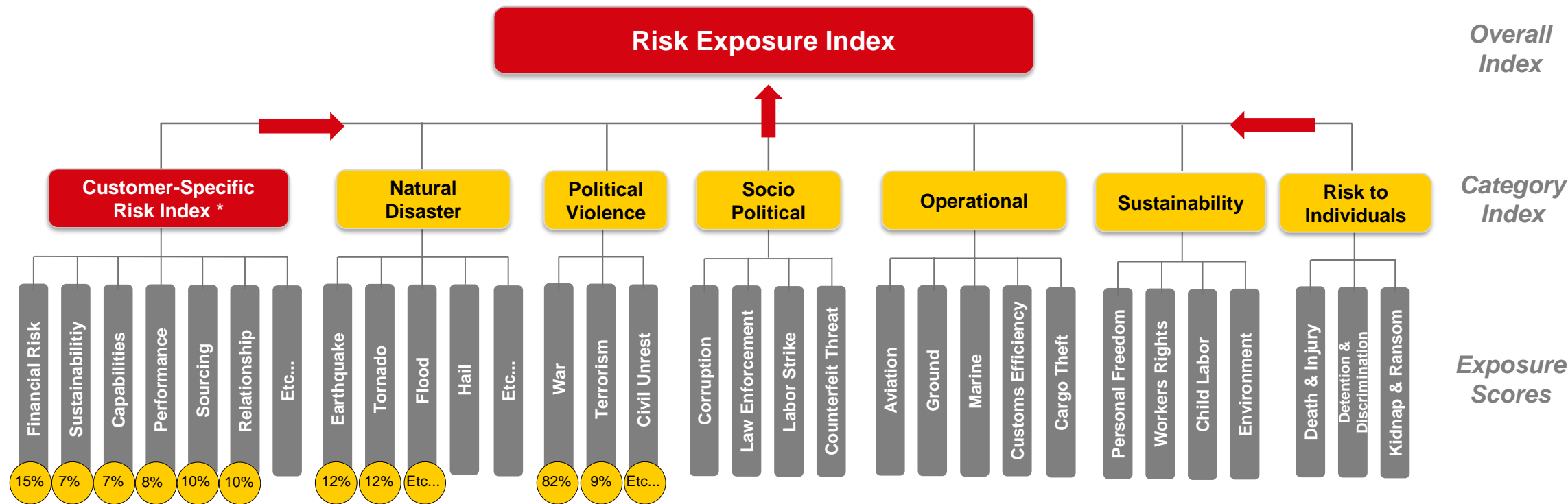
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What are you waiting for?



Brining it together?



* Weightings shown above are representative. Actual weightings determined in collaboration with customer.

12% Weighting based on Loss Expectation/Expert Analysis

14:00-15:30 - Parallel Sessions II

4: Environmental and Natural Hazard Risk

Lecture Theatre 1

Environmental and Natural Hazard – CCRS Risk Outlook

Oliver Carpenter, Environmental and Natural Hazard Risk Research Lead, Cambridge Centre for Risk Studies

Managing Risk in a Changing Environment

Dr Emily Shuckburgh, Director of Research, University of Cambridge and Head of Data Science Group and Deputy Head of Polar Oceans Team, British Antarctic Survey

Preparing for Climate-Related Financial Disclosures in Businesses

Manjula Chummun, Tesco, and member of the Task Force on Climate-Related Financial Disclosure

Conclusion by Discussant

Jonathon Gascoigne, Director, Risk Analytics, Willis Towers Watson

5: Environmental and Natural Hazard Risk

Lecture Theatre 2, Floor 3

Societal and Sustainability Risks – CCRS Risk Outlook

Kayla Strong, Human and Humanitarian Risk Research Lead, Cambridge Centre for Risk Studies

Key Sustainability Issues in the Next Decade

Professor Aled Jones, Director of the Global Sustainability Institute, Anglia Ruskin University

Risk to Business and the Economy from Future Pandemics

Professor John Edmunds, London School of Hygiene and Tropical Medicine

Conclusion by Discussant

Brendan Plessis, Executive Vice President, Head of Emerging Markets, AXA XL

6: Environmental and Natural Hazard Risk

Lecture Theatre 3, Floor 4

Governance and Regulatory Risks – CCRS Risk Outlook

Jennifer Copic, Regulatory and Liability Risk Research Lead, Cambridge Centre for Risk Studies

Managing Reputational Risks: The Future Landscape

Clare Williams, Director of Reputation Management, Barclays

Working Towards a More Resilient Economy and Society

Rainer Sachs, Senior Risk Researcher, Sachs-Institut and International Risk Governance Council

Conclusion by Discussant

Simon Learmount, Lecturer in Corporate Governance, Cambridge Judge Business School

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