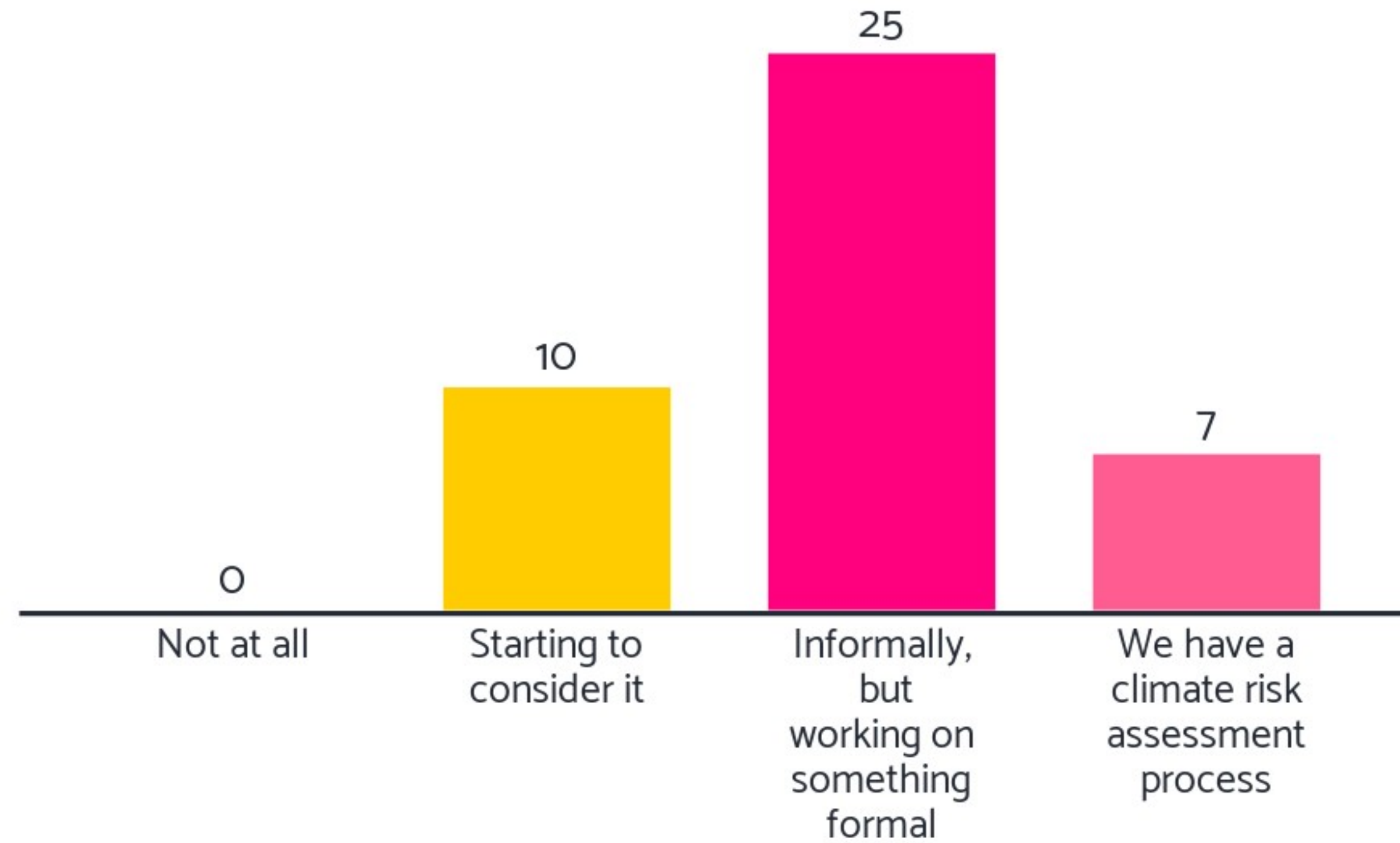
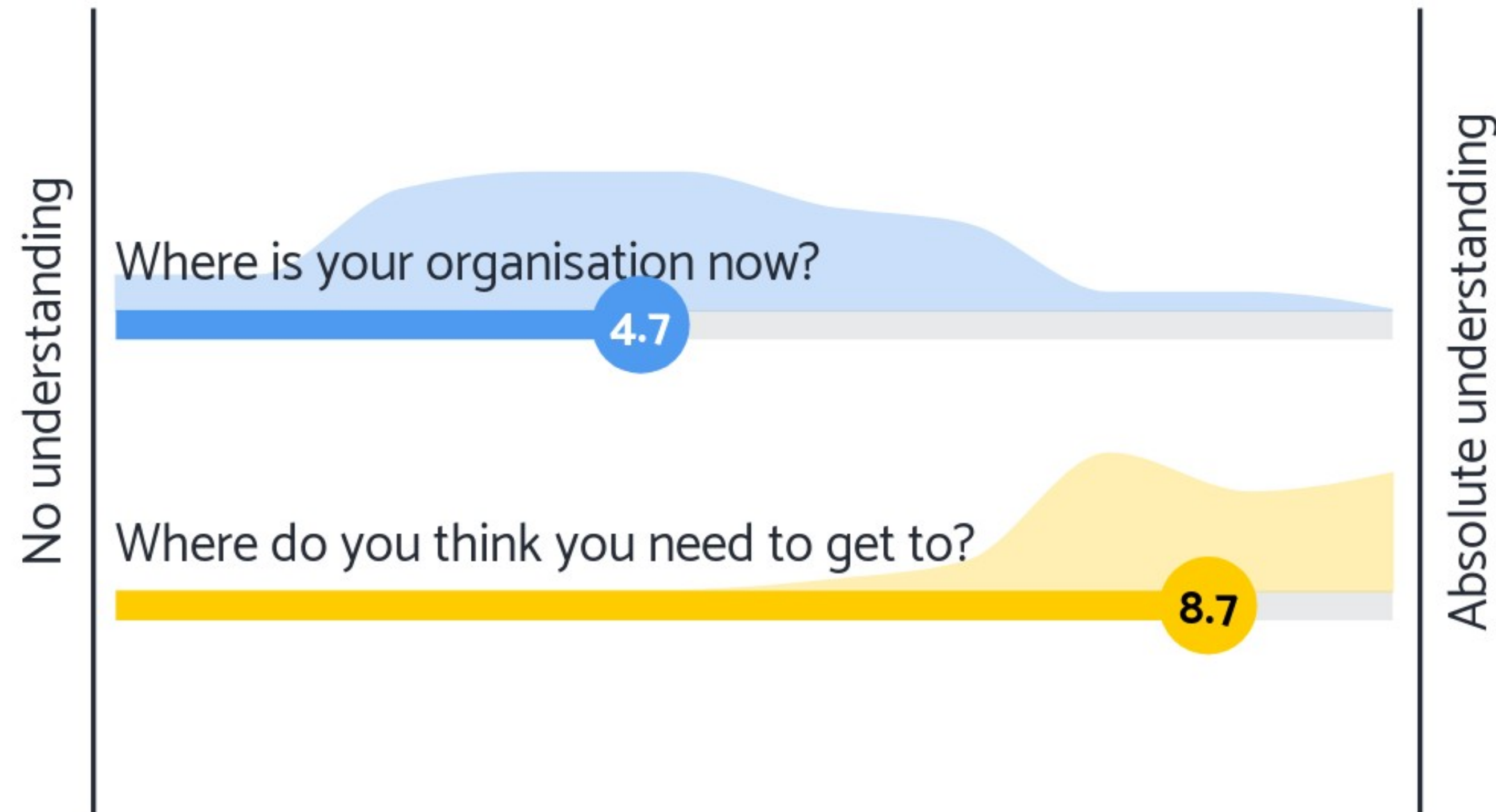


How does your organisation consider climate risks?



Levels of complexity in understanding climate risks



Risk cascades and interdependencies

A cascade is a chain of causality that emerges when hazards, risk and accumulated vulnerabilities connect across multiple scales to produce a disaster.

Interdependencies are the conditions of two or more things depending on each other.



What clear or relatable examples of cascading risks or interdependencies have you seen?

Energy security issues for digital

Power outages

Inclusion in organisational risk register

Flooding

covid

Skills shortage for decarbonisation

Social care and heatwaves: higher risk and more disruption to carers' travel

Unpredictable supply shortages

Wildfires, Low Water Resources, poor air quality, health impacts

What clear or relatable examples of cascading risks or interdependencies have you seen?

Flooding causing damage to utilities

Cybersecurity

Energy price rises

Planning allowing buildings on flood plains

Heatwaves

electrification

Flooding, droughts

Power outages

Food supply shortage leading to increased prices in terms of food procurement by catering teams

What clear or relatable examples of cascading risks or interdependencies have you seen?

transport infrastructure/highways

July 2022 heatwave

Climate risks leading to health impacts

heat waves - transport / public sector impacts

Utterly pants food system contributing catastrophically to soil erosion, habitat death and appalling health of human population.....

Financial security

financial business case for not investing in climate resilience

Selling off county farms

Media messages resulting in panic buying

What clear or relatable examples of cascading risks or interdependencies have you seen?

ambulance response times slower at extreme temperatures

Heat waves and excess mortality

Safety of running in-person events during heatwave

Heatwave - wildfires - air quality

Heatwaves leading to cancellations due to failed ventilation

Changing climate causes increasing health issues.

limited bandwidth to deal with issues

Increased fog affecting flights, affecting health evacuations, just-in-time deliveries, etc

Care home vulnerability to extreme heat and power outages

What clear or relatable examples of cascading risks or interdependencies have you seen?

AI

Heat waves (or cold snaps) leading to excess deaths

All our money in the wrong banks. :/

political instability

Prioritising road building over cycling walking

heatwaves - antisocial behaviour

Mental health issues with increasing uncertainty in seasonal weather

Lack of rainfall, increased sea level making groundwater less available, and increased power use required, affecting infrastructure

heatwave - inadequate cooling - operations cancelled

What clear or relatable examples of cascading risks or interdependencies have you seen?

Visual tools

cross sector working groups

Following the relevant nod of the risk flow

Graphical dependency models for communities and decision-makers

Adaptive pathways

Overall cost / the final bill

Visual demonstration of risk linkages

Good examples of best practice

Quantification of costs / benefits

What clear or relatable examples of cascading risks or interdependencies have you seen?

Linking well being to action on climate and ecological emergency

Lack of insurance linking adaptation to flood impacts

Lack of veg imported from Spain due to climate disruption

Lack of retrofit and refurbishment in buildings and infrastructure now they can't cope with changing climate and causing more sickness in people.

What would help you understand and communicate cascading risks and interdependencies?

Clear flow charts

visual representation of linkages

Charts/diagrams

Visual tools

Interactive Linked mapping

Financial and social risks clear

workshops of all relevant stakeholders

Risk maps

Quantification of impacts

What would help you understand and communicate cascading risks and interdependencies?

Systems thinking being more widely taught

estimating the impacts of the risks to core business delivery

Overall cost / the final bill

clear, attractive signs/posters. no/limited jargon

Need to understand the 'so what' at a local level. i.e. number of people affected. National stats aren't always helpful

Clear evidence-based statements.

A really sharp stick. :/

An idea of potential increased frequency of events such as extreme weather

Clear, unequivocal guidelines from the government.

What would help you understand and communicate cascading risks and interdependencies?

Agree with others re visual tools. Also financial impacts to business

Economic analysis of losses, and cascading losses

Confidence in knowing who is responsible for each risk