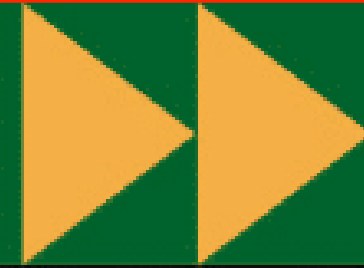


# Creating 'Agency' to Act



**Prof Chris Rapley CBE**  
**Chair ESSC**  
**UCL**  
**@ChrisRapley3131**

# Code Red For Humanity



ANTÓNIO GUTERRES

*United Nations Secretary-General*



“

Today's IPCC Working Group 1 Report is a **code red** for humanity.”

9 AUGUST 2021





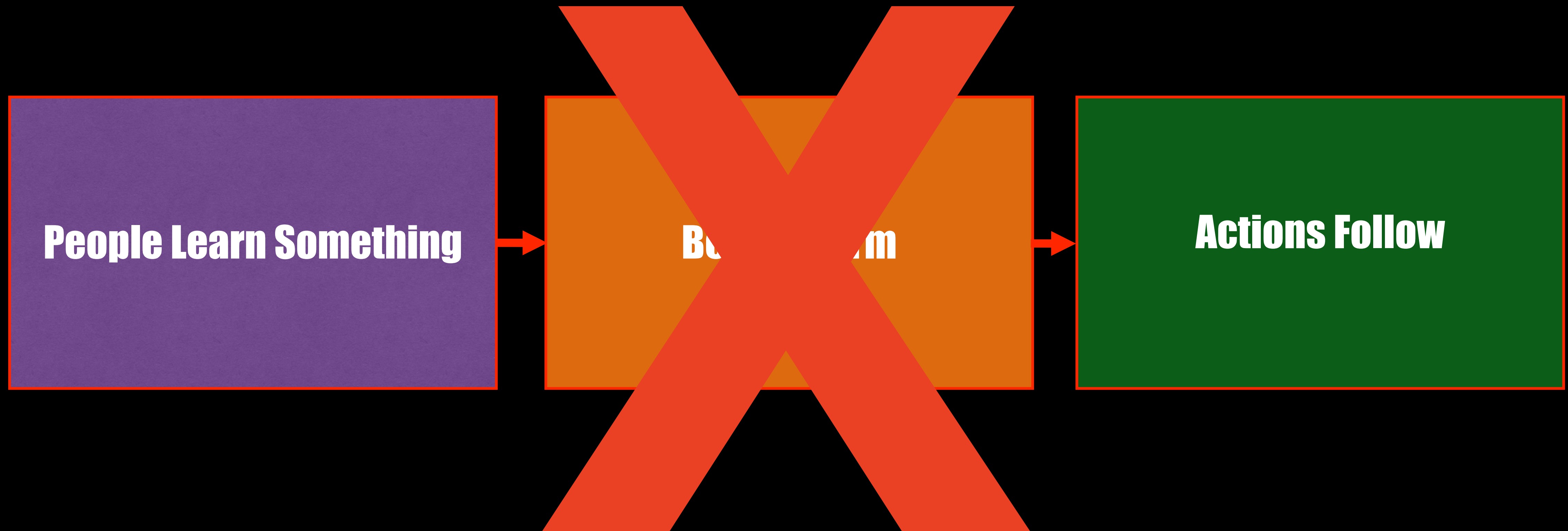
# Climate services promise better decisions but mainly focus on better data

Kieran Findlater <sup>1,2</sup> , Sophie Webber <sup>3</sup>, Milind Kandlikar<sup>1,2</sup> and Simon Donner <sup>4</sup>

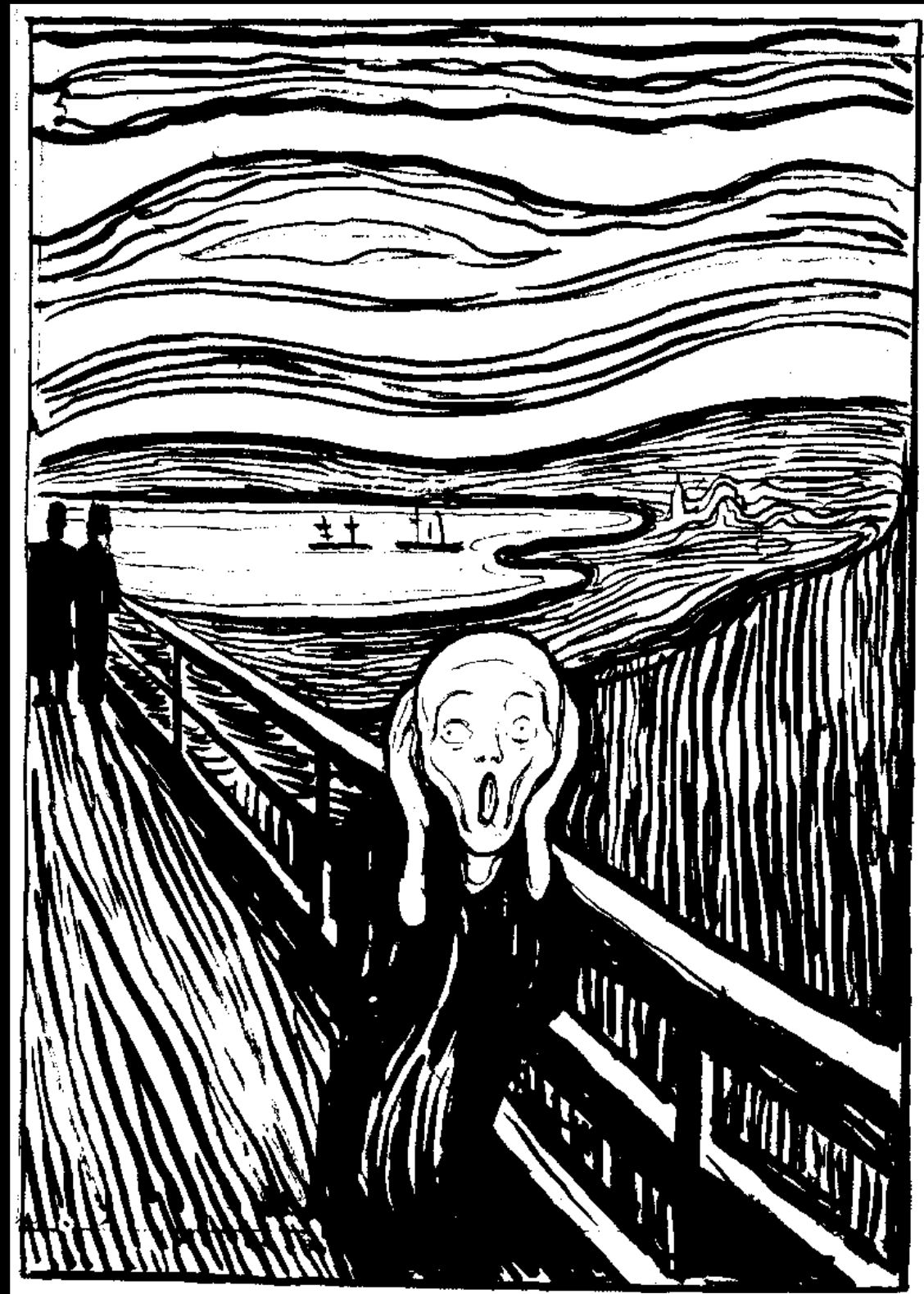
Climate services are intended to improve climate-sensitive decisions by making climate information ‘useful, useable and used’. Here, we analyse 27 expert interviews to evaluate whether this user-driven model of climate science has been successfully implemented in the public sector. We show that, although climate services promise better decision-making, they mainly focus on delivering better data. The norms and institutions of climate science produce three key tensions in operationalizing climate services: a focus on products rather than processes, services based on broad assumptions about demand rather than being demand-driven, and the narrow economic valuation of products rather than evaluation of improvements in decision-making. These tensions help explain why climate services often generate nominal changes in climate science where transformations are promised. Transformational change requires that climate services account for diverse social structures, behaviours and contexts. Integrating social science is no panacea for demand-driven climate services, but it is certainly a prerequisite.



# Beware the Information Deficit Model



# Barriers to Engagement

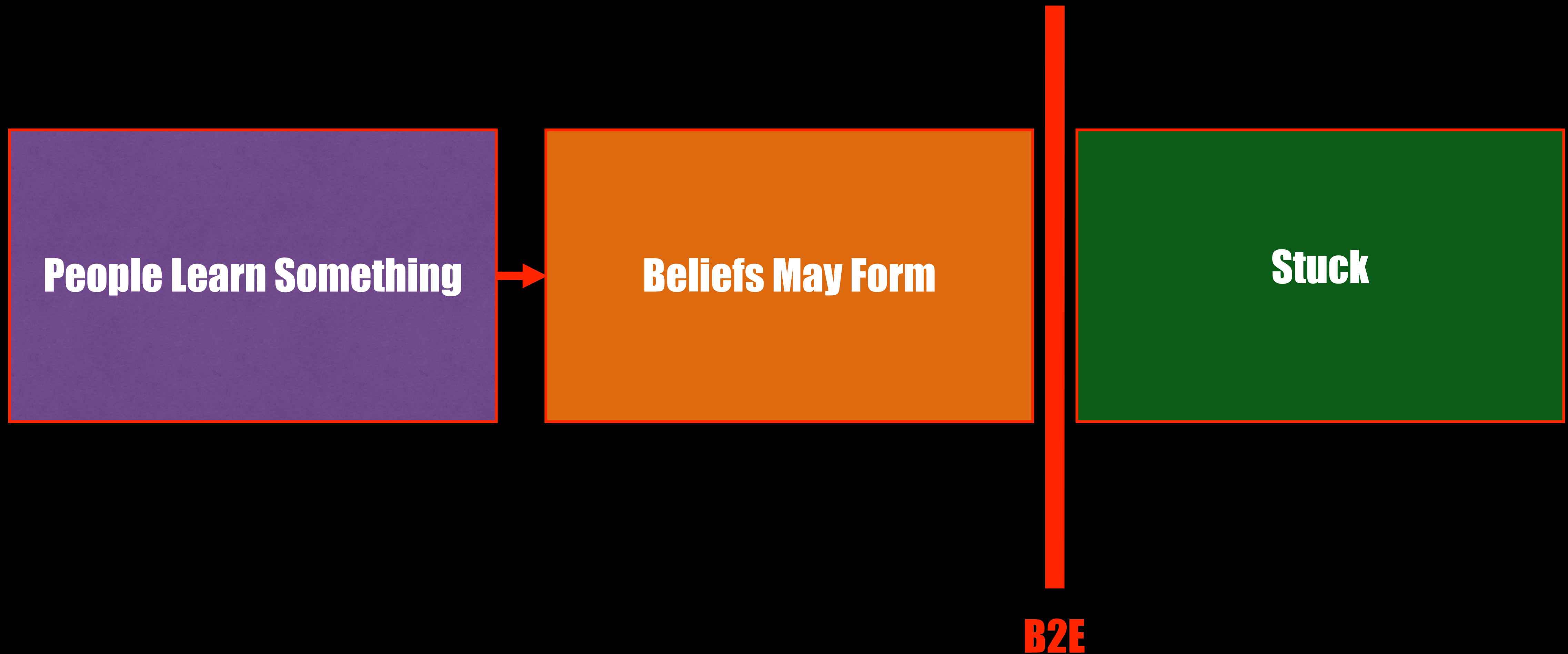


**Psychological**

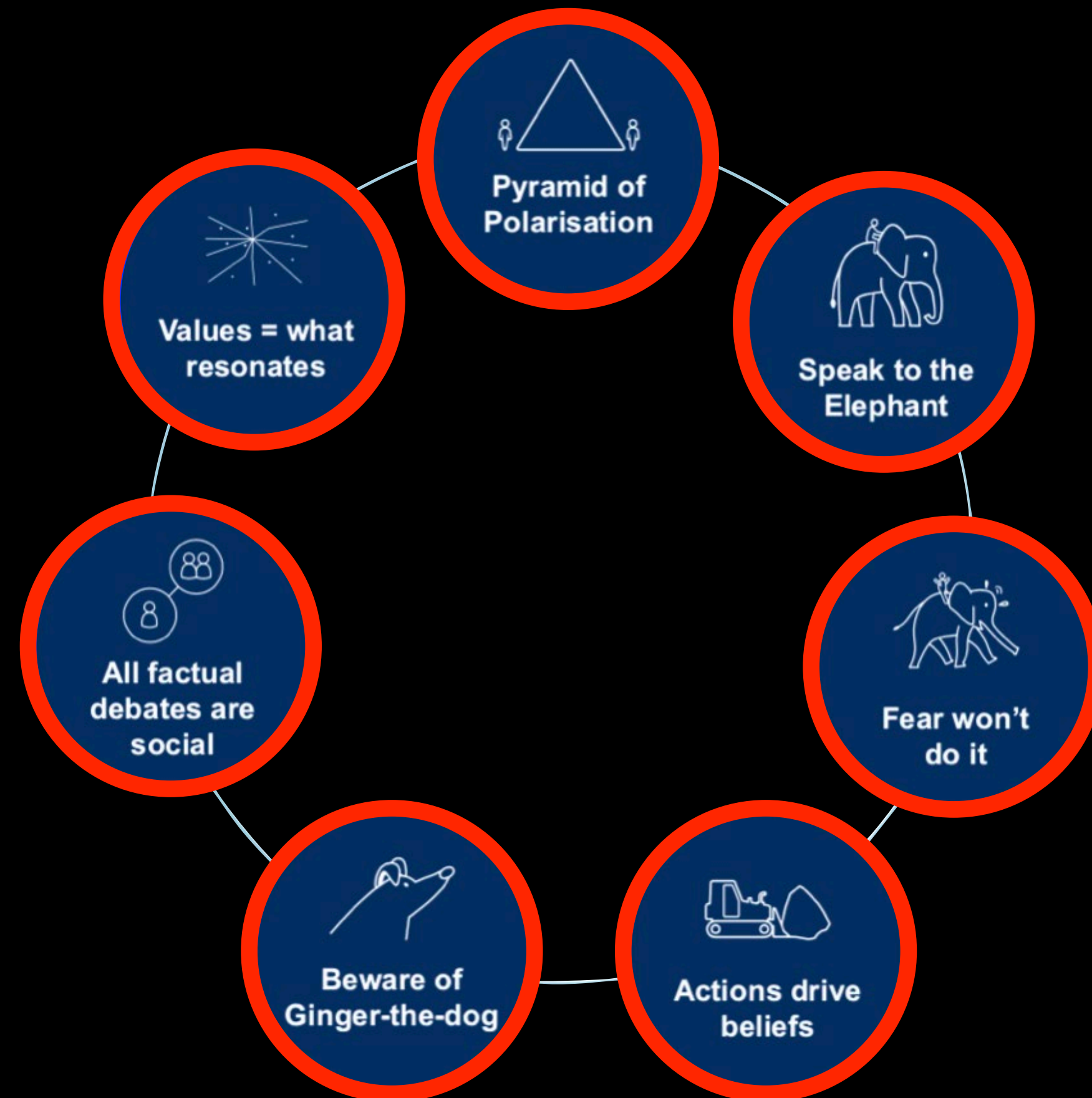


**Institutional**

# Beware the Information Deficit Model



# Brain Insights



**Creating 'Agency' to Act**



# UCL Climate Action Unit

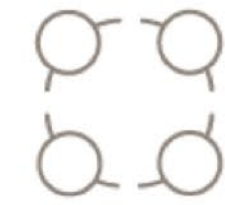
## Problem

Lack of agency  
Agency = ability to act

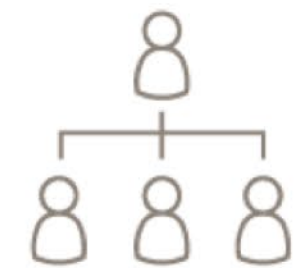
## Protagonists



Communities  
of Place



Communities  
of Practice



Organisations

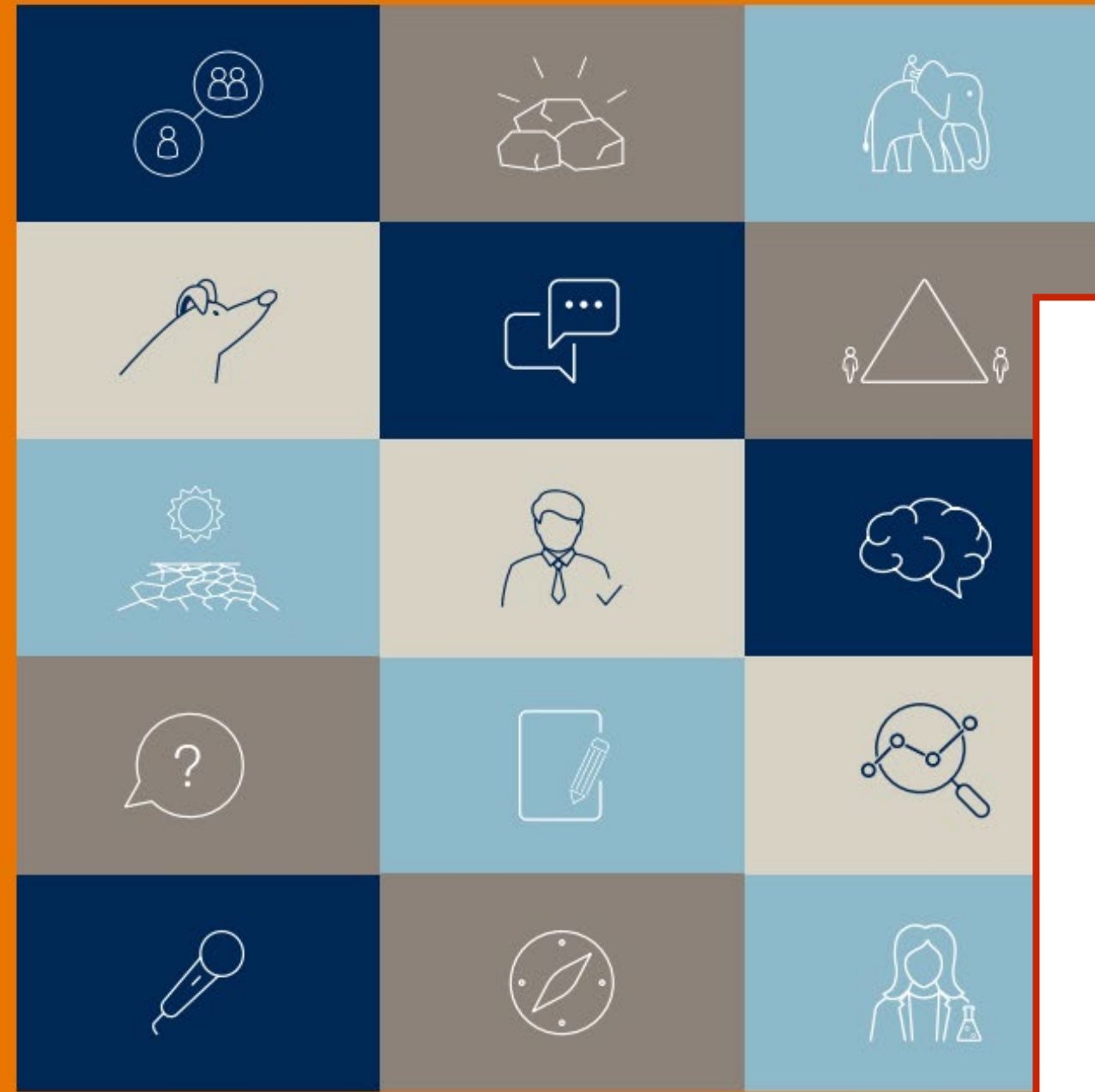


# Facilitated Dialogue



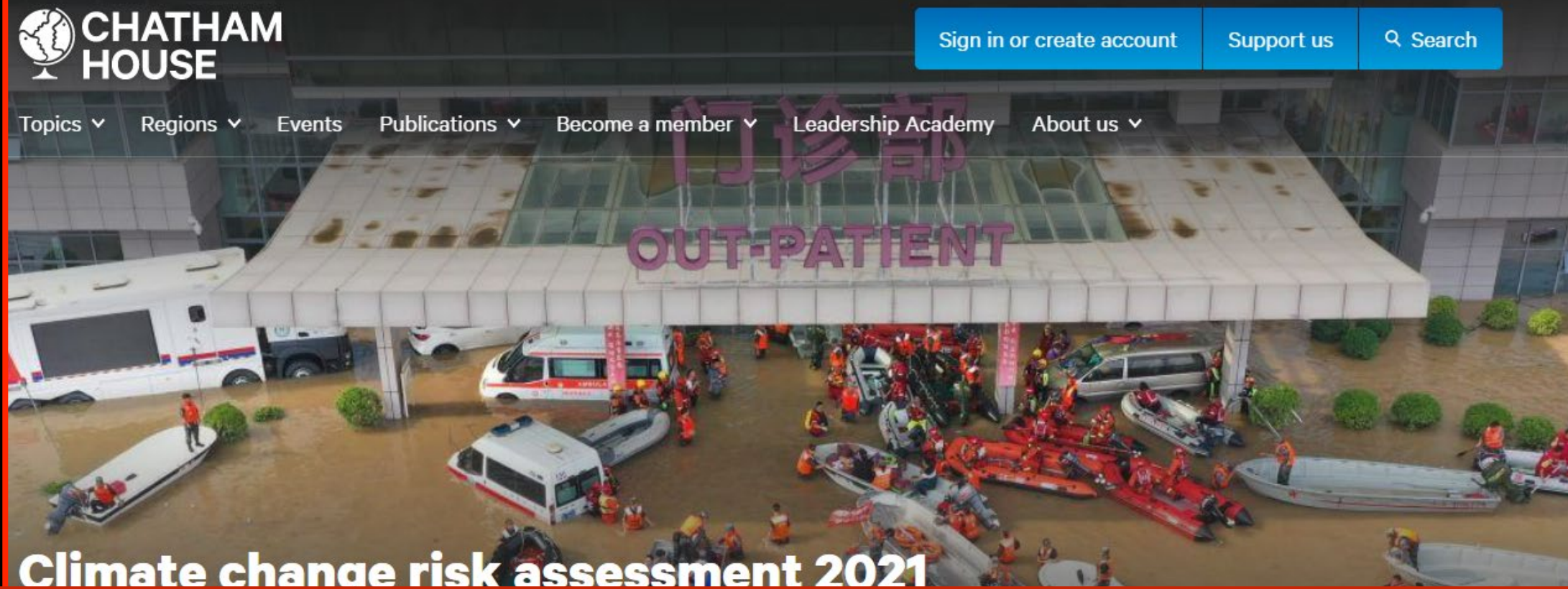


# COMMUNICATING CLIMATE RISK A HANDBOOK



COP26 UNIVERSITIES NETWORK

Climate Action Unit



**By planning and delivering 1 workshop together with the Climate Action Unit, I learned more than in my 15 years of working on climate change”**



## Net Zero Innovation Programme

The Net Zero Innovation Programme brings together partnerships of researchers and climate change officers from councils across all English regions and supports them in tackling the climate emergency.



# **S4GF Intervention Task Force**

- **Multiple Agile Intervention Units**
- **Exploit 'Brain' Insights and Experience**
- **Connect Creators and Users of Knowledge and Information**
- **Dismantle Barriers to Engagement**
- **Facilitate Co-Production of 'Agency' to Act**
- **Accelerate Scale and Pace of Green Action**



# So How Does That Move Us Forward?





# So How Does That Move Us Forward?

