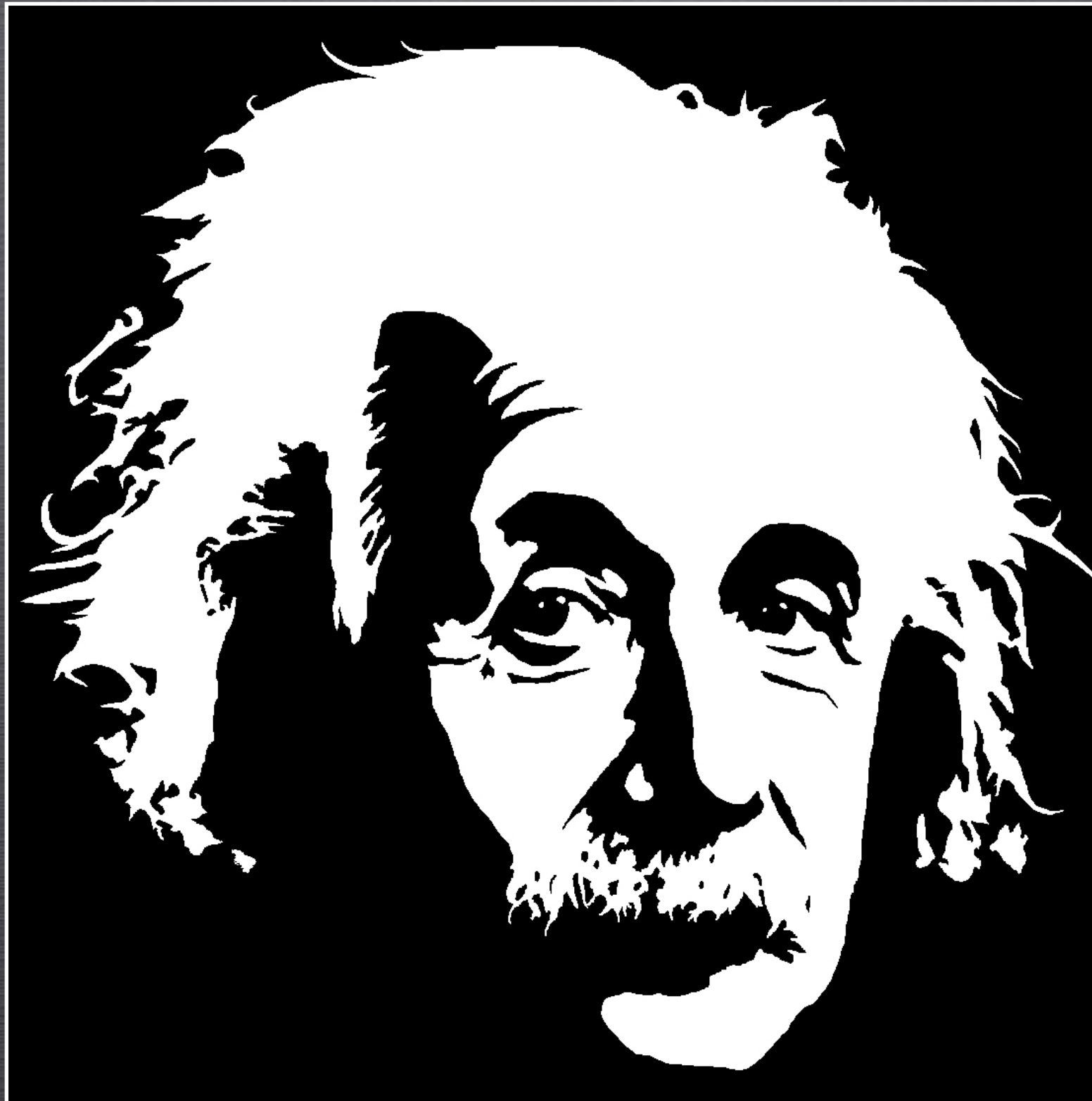


Bridging the Gap Organising and Communicating Climate Resilience



Prof Chris Rapley CBE
London Climate Change Partnership

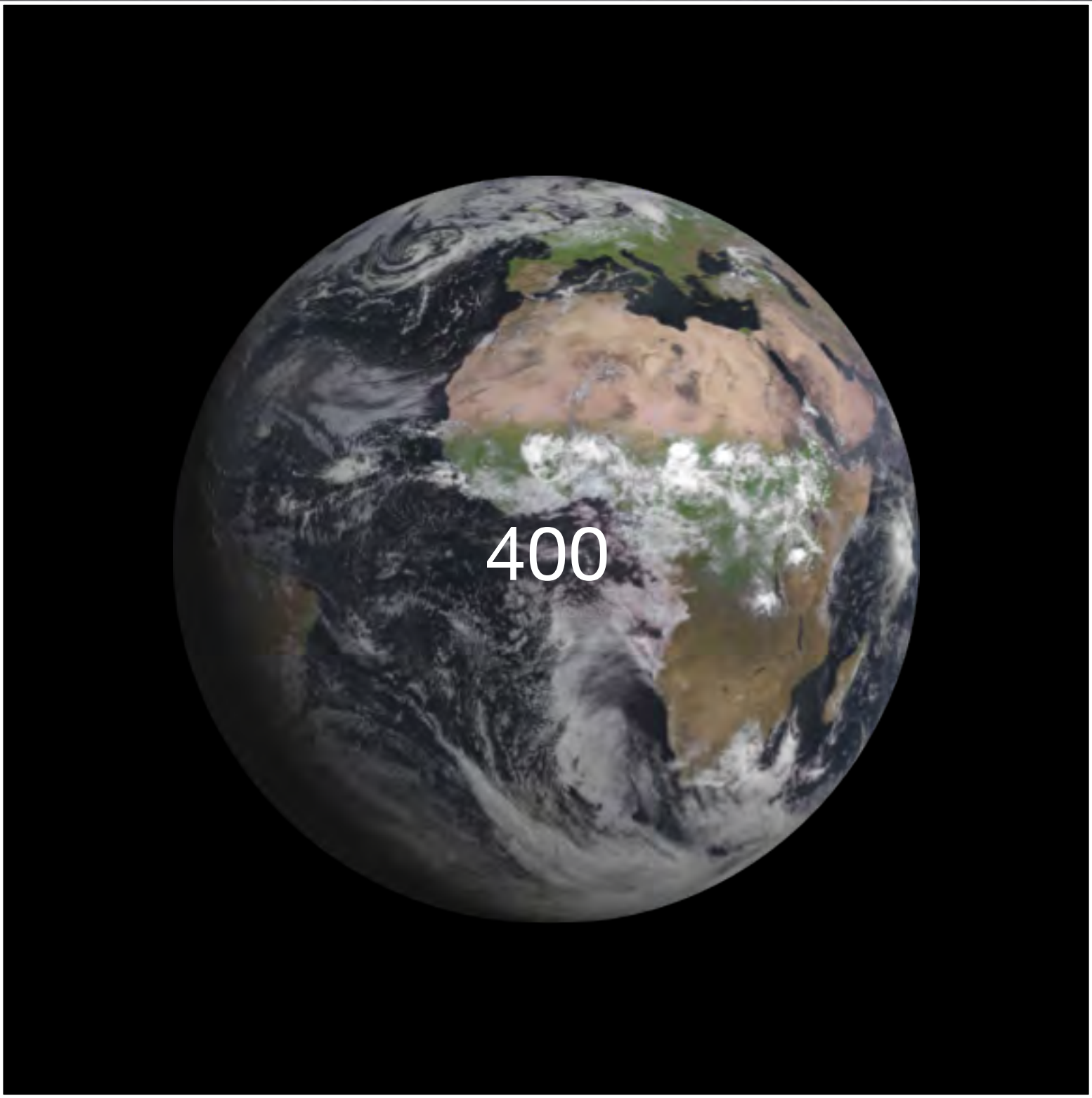
Deltas in Times of Climate Change II
Rotterdam
24th September 2014

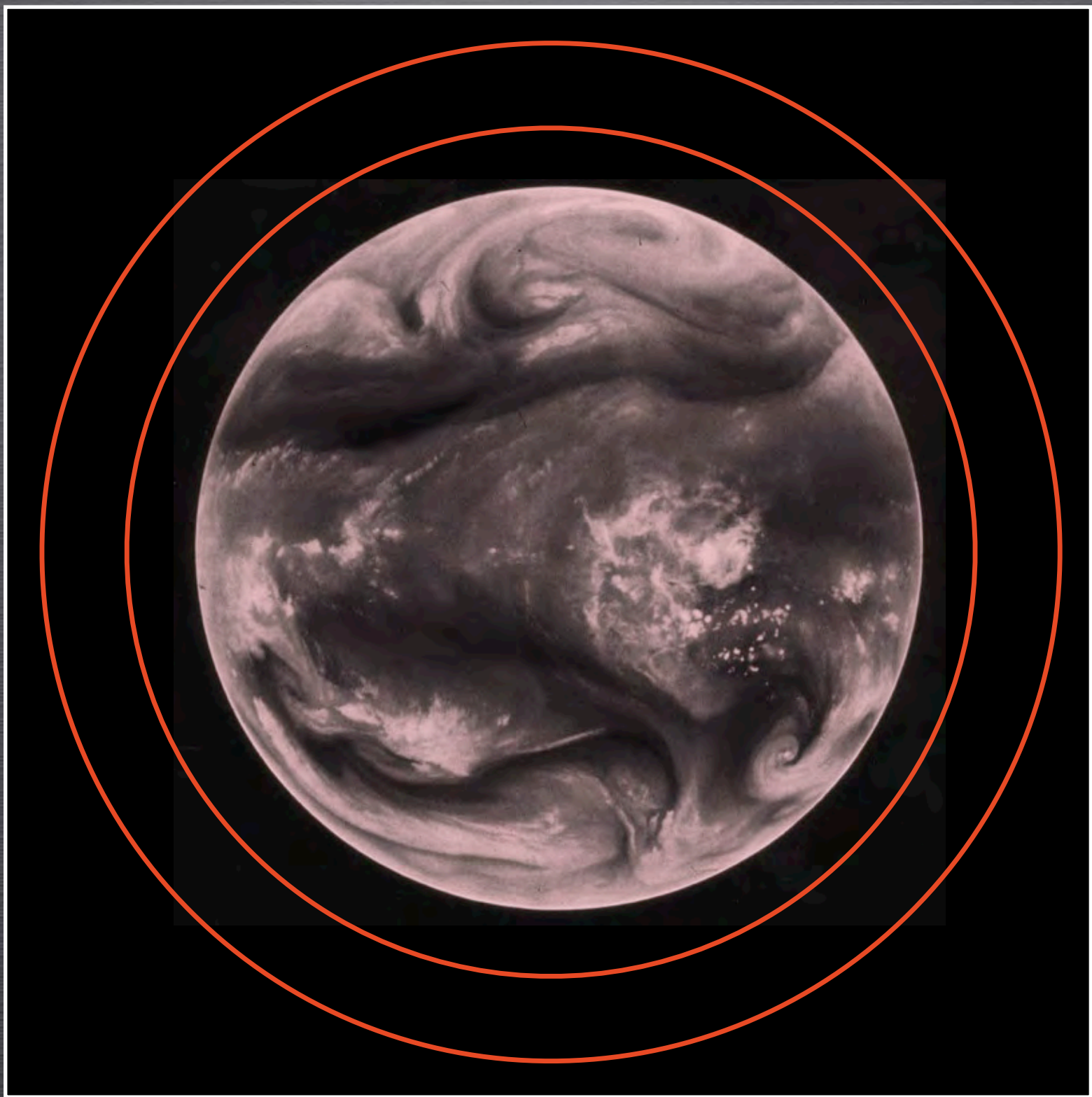


To tell a complex story make everything as simple as possible, but not simpler



Most Complex Object
Functions as Integrated Whole
Ecosystem Services Essential for Life
Finite - No Spares
Warning Signals





IPCC AR5 WG1 SPM

The most thoroughly and rigorously reviewed Scientific Document in history



- 209 lead authors
- >600 contributing authors from 32 countries
- 50 review editors from 39 countries
- >9200 publications cited
- 54677 comments from 1089 reviewers
- Approved by 195 governments

John Kerry

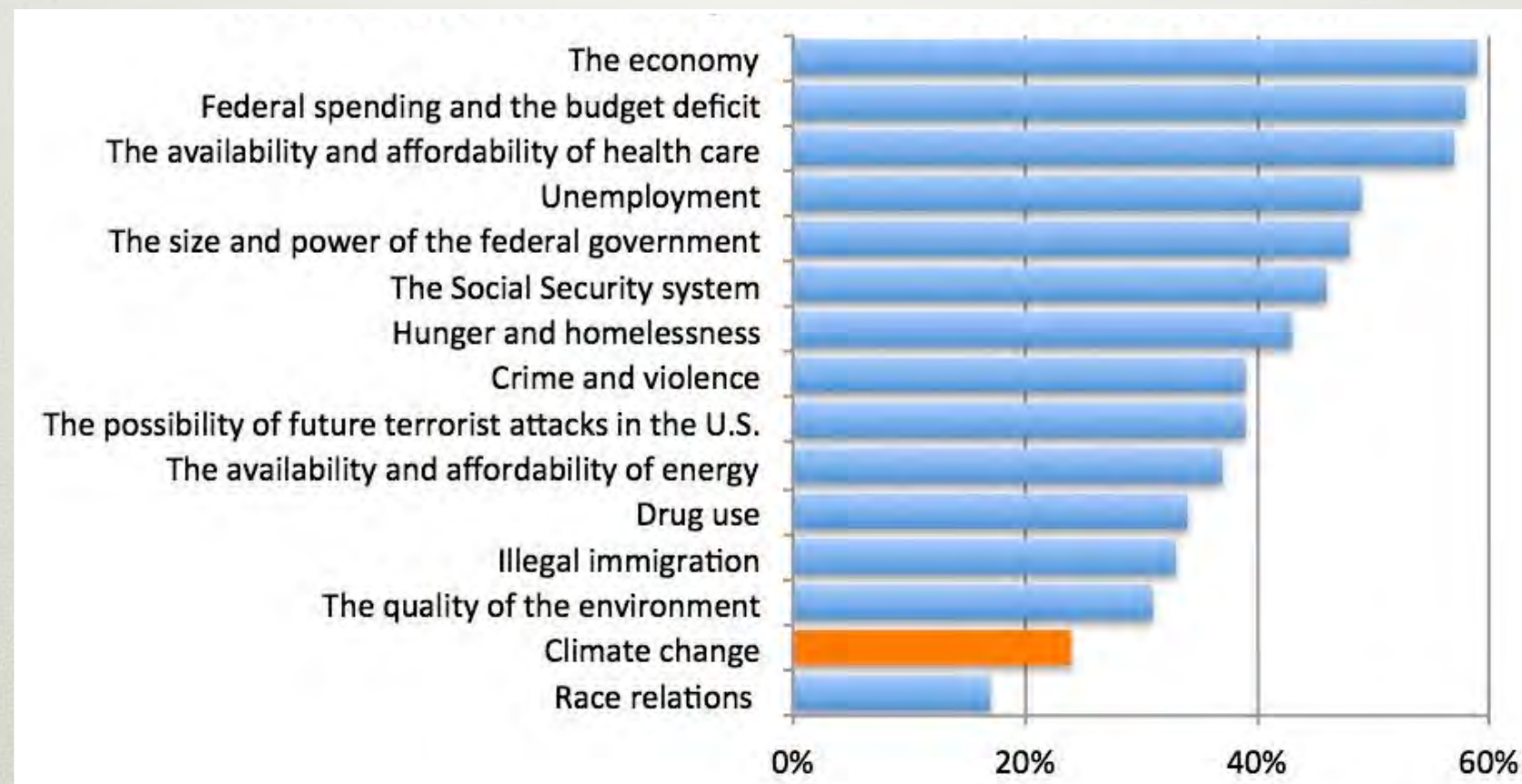


Boil down the IPCC report and here's what you find: Climate change is real, it's happening now, human beings are the cause of the transformation, and early action by human beings can save the world from its worst impacts

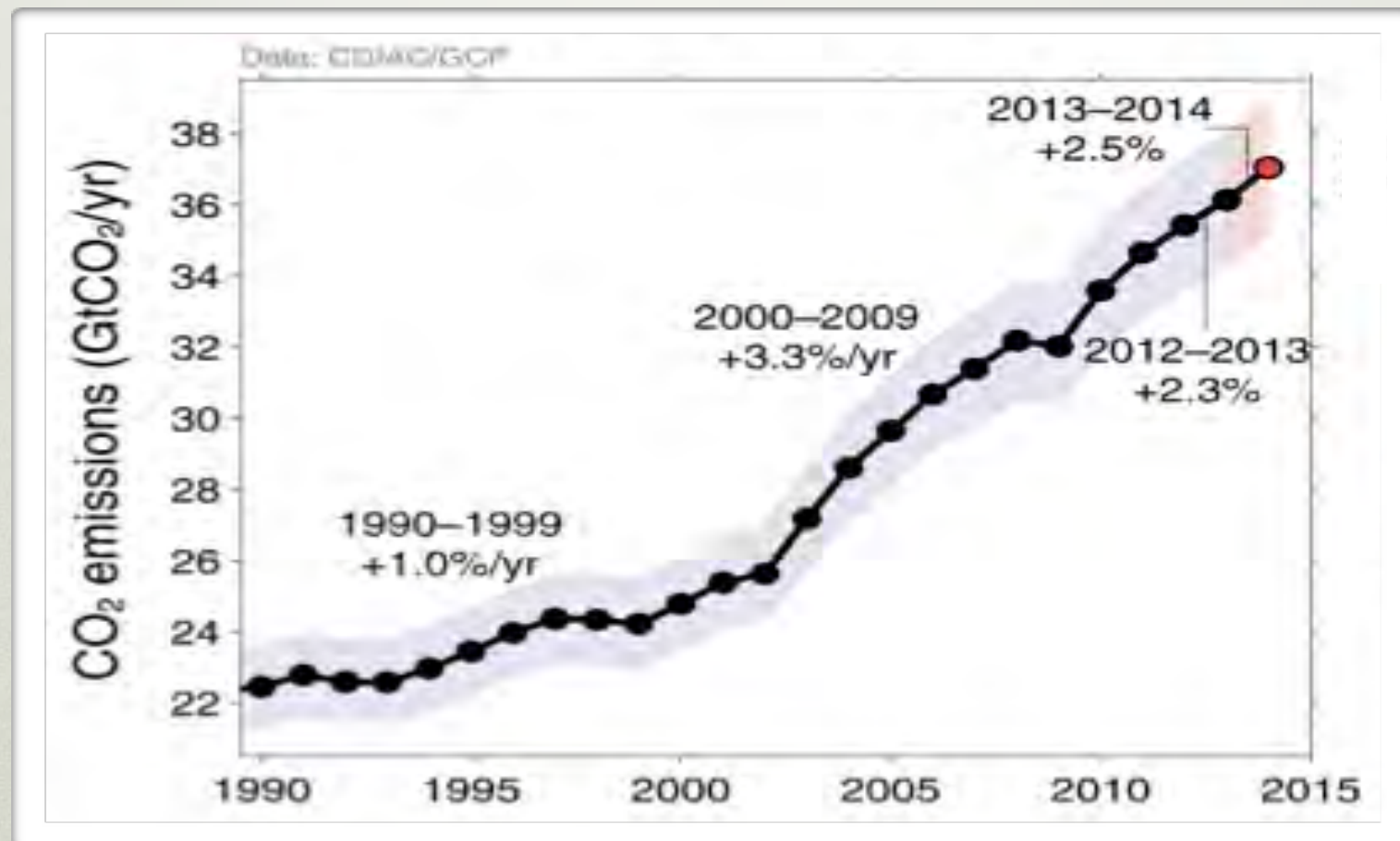
Vast Majority of Climate Professionals Agree



US Citizens' Concerns



Human Carbon Emissions



2014 emissions are 60% greater than in 1990

Limits to Adaptation



London Assembly Economy Committee

Economic Consequences of Climate Change

- Direct National impacts - flooding overheating, water shortages, storm damages - affecting businesses: premises, staff, supply chains in UK
- Direct International impacts - as above but from weather impacts abroad
- Indirect impacts - sequences of events affecting business conditions such as availability of capital, insurance provision, etc
- Gradual impacts - affecting demand for services of costs of providing them - costs of protection & increasing resilience

‘Mischievous Demon’

- Evidence complex and technical
- Disconnect - ‘not now, not here, not me’
- ‘Slow Violence’
- Requires rapid and fundamental transformation of Modern World - energy supply, economics, politics, infrastructures, behaviours
- Inertias
- Vested Interests
- Inadequate Instruments and Institutions

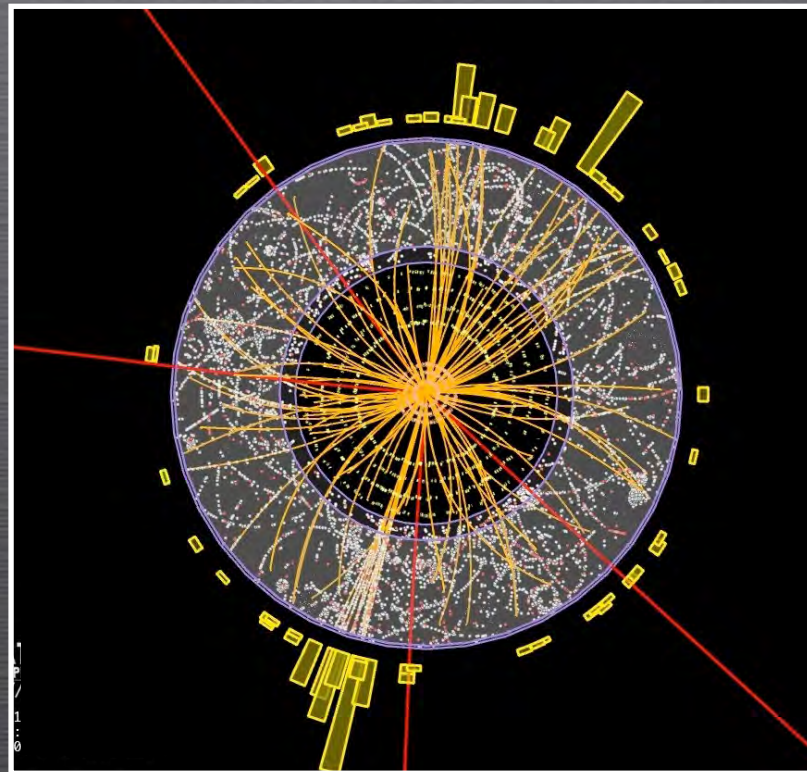


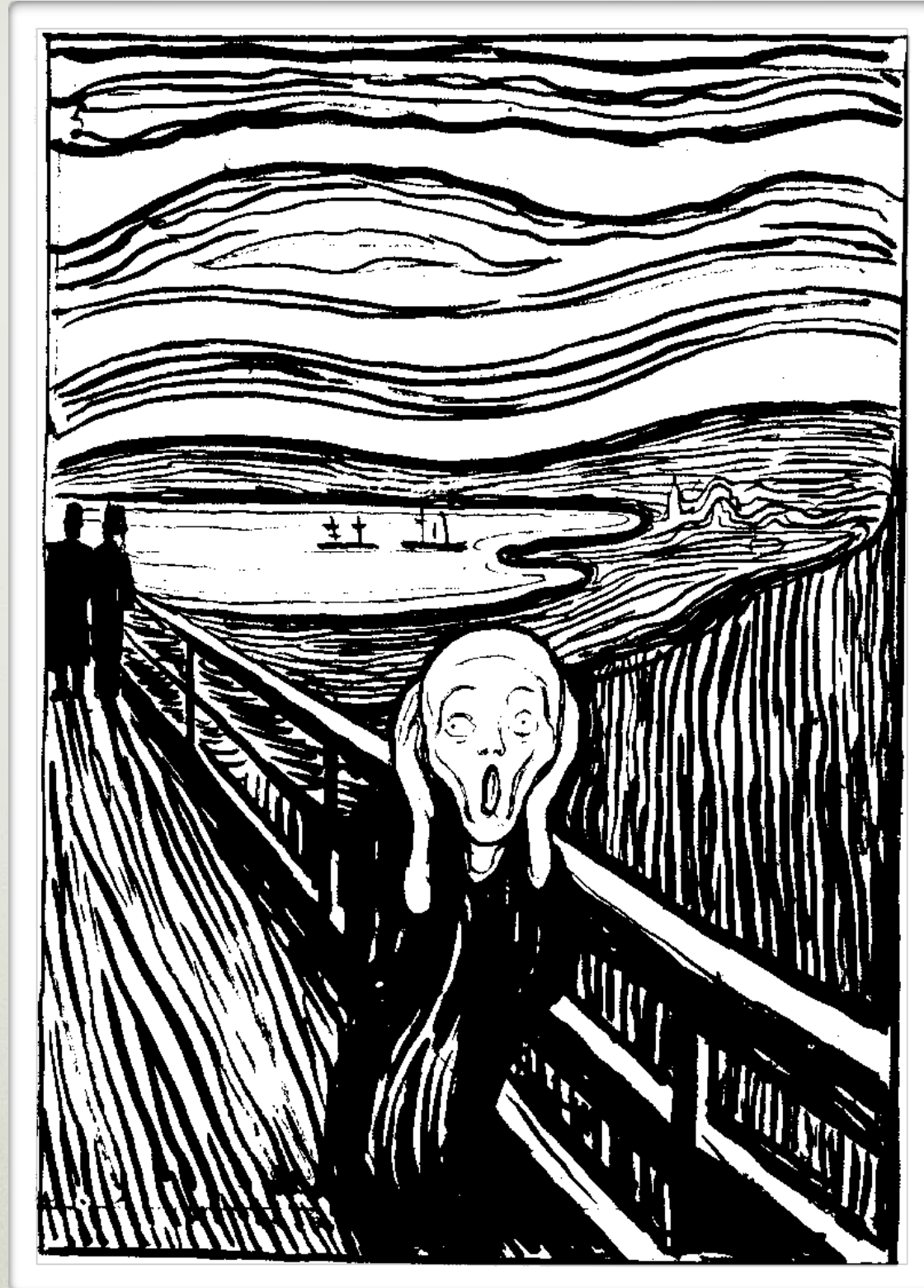
Roles of Science Community



- Pure Scientist
- Science Arbiter
- Science Communicator
- Honest Broker of Policy Alternatives
- Issue Advocate

Not the Higgs



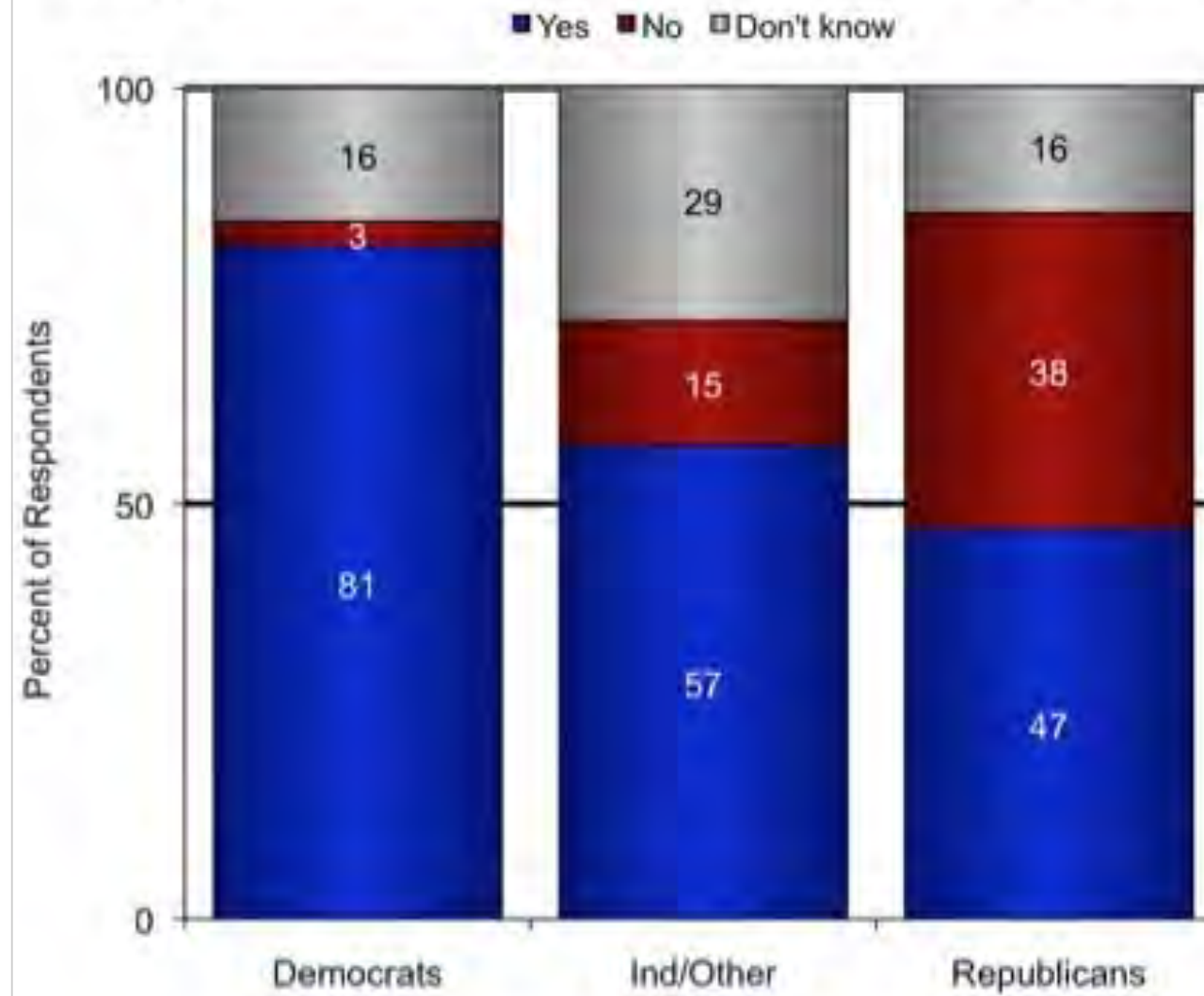


Anxiety, Fear, Loss, Grief, Guilt, Helplessness



Challenges strongly held values and beliefs and powerful issues of identity

Do you think that global warming is happening?

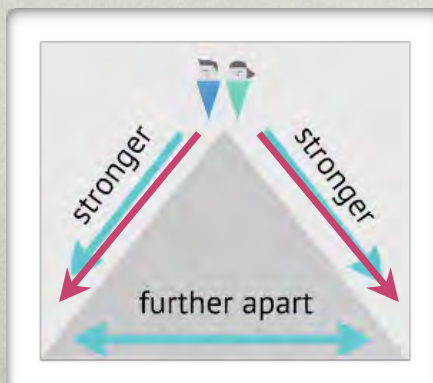
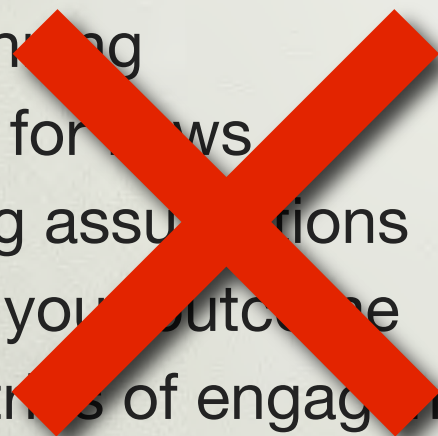




Mode of Engagement

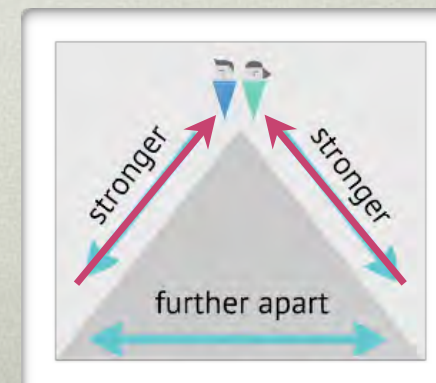
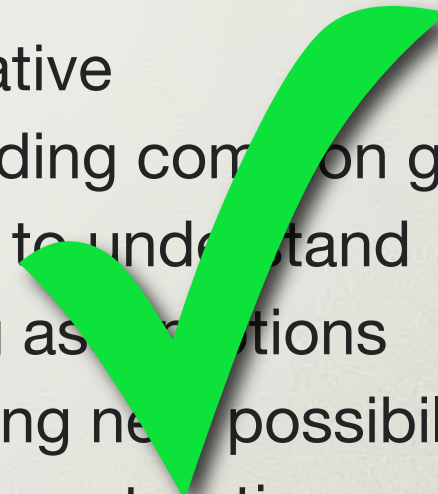
Debate

- Assuming there is one right answer
- Combative
- About winning
- Listening for flaws
- Defending assumptions
- Pursuing your outcome
- Asymmetry of engagement
- Entertainment



Dialogue

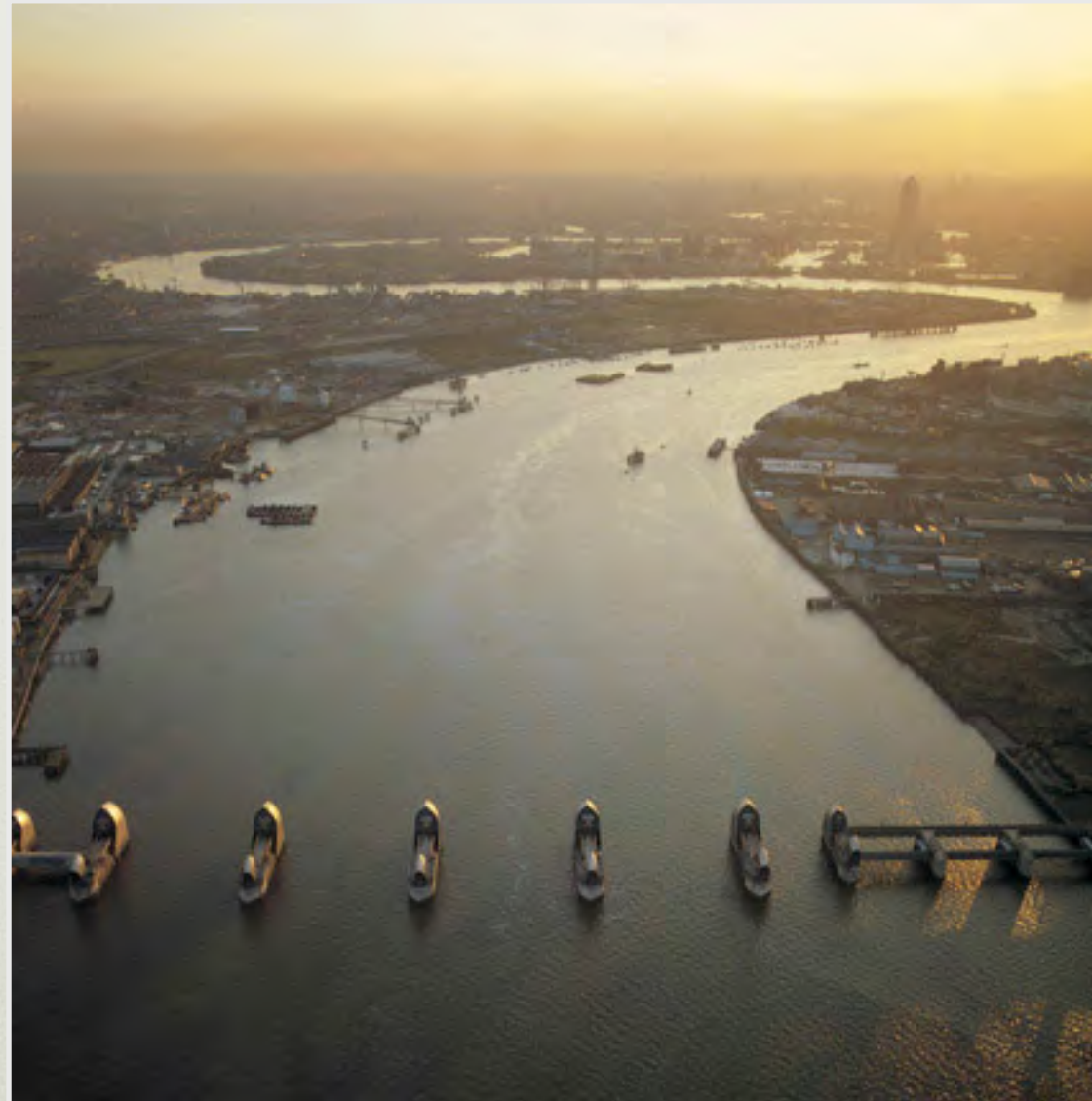
- Assuming others have pieces of the answer
- Collaborative
- About finding common ground
- Listening to understand
- Exploring assumptions
- Discovering new possibilities
- Seeking constructive progress





The power of Narrative

London



Irreducible Uncertainties - Decision Pathways



Opportunity is missed by most people because it is dressed in overalls and looks like work

