

The European Commission's science and knowledge service

Joint Research Centre

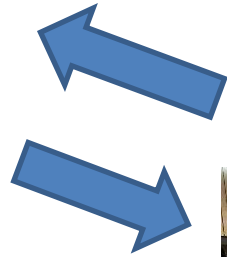
Keynote Lecture: Evidence and Policy: Why and How?

Vladimír Šucha,
Director-General

EU-AU-IIASA Evidence and Policy: Water-Energy-Food nexus,
Ispra, 31st August 2016



The need for evidence to inform policy



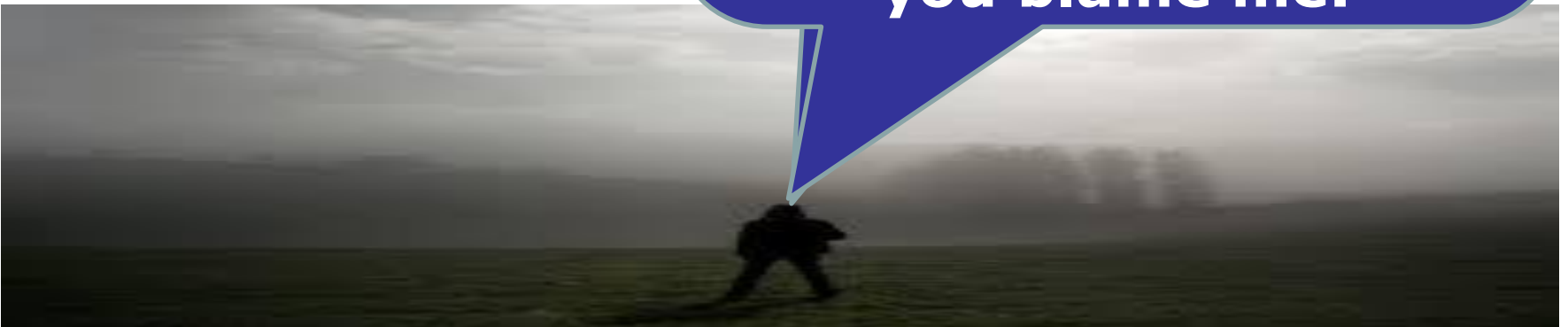
Two Worlds in Collision





Can

You must be a policymaker. You came out of nowhere with your questions, I give you the most accurate and precise answer I can, you're still lost, and you blame me!



Source: Creating common purpose: the integration of science and policy in Canada's Public Service, Canadian Centre for Management Development, 2002

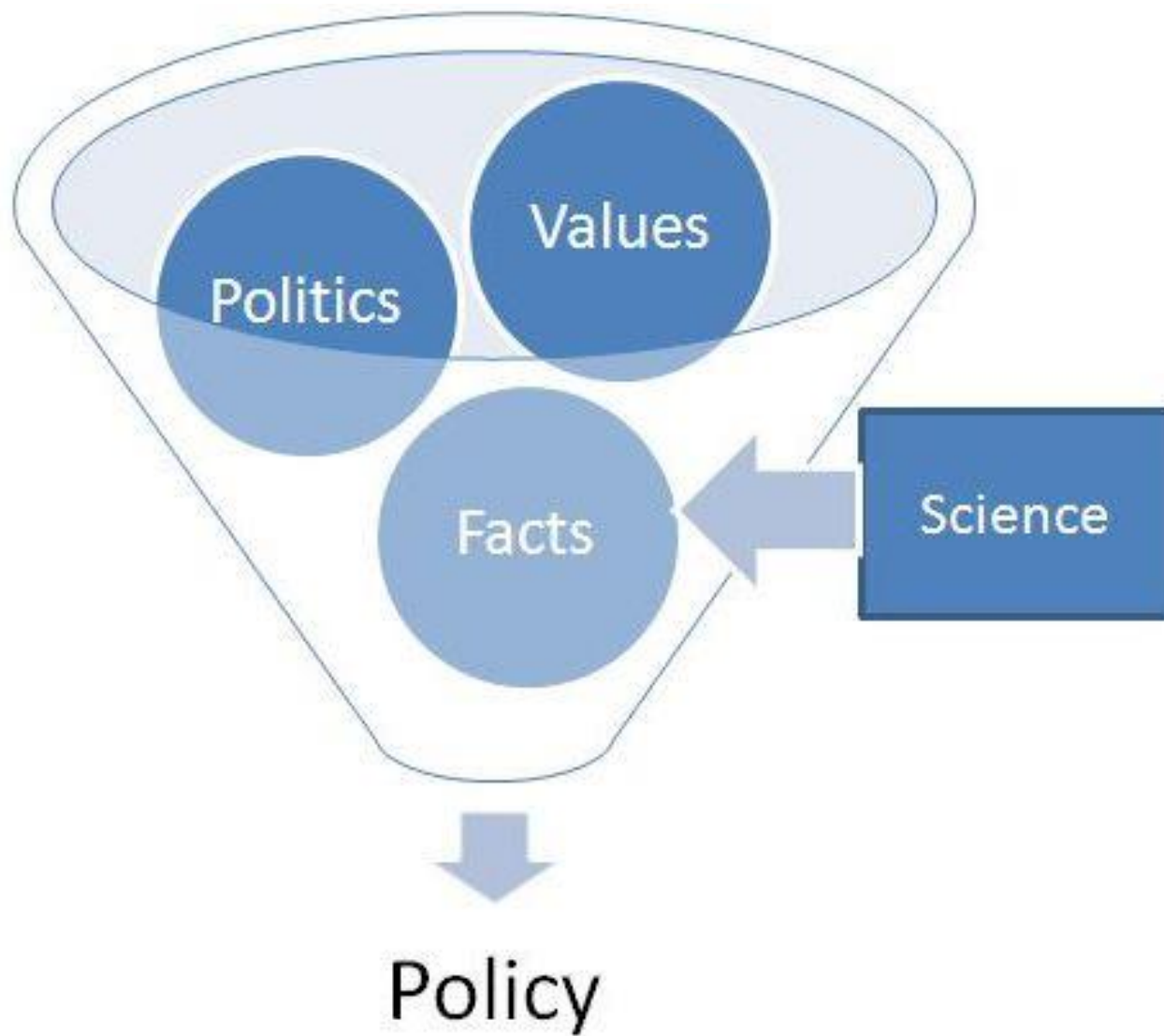
A photograph of a coastal erosion site. In the foreground, there is a dark, sandy beach with scattered rocks. A low, dark stone wall runs across the middle ground. Behind the wall, a wooden walkway with a metal railing extends across the frame. In the background, there are dark, rocky cliffs under a clear blue sky. The word "SCIENCE" is overlaid in white text on the left side of the image.

SCIENCE

POLICY



European
Commission

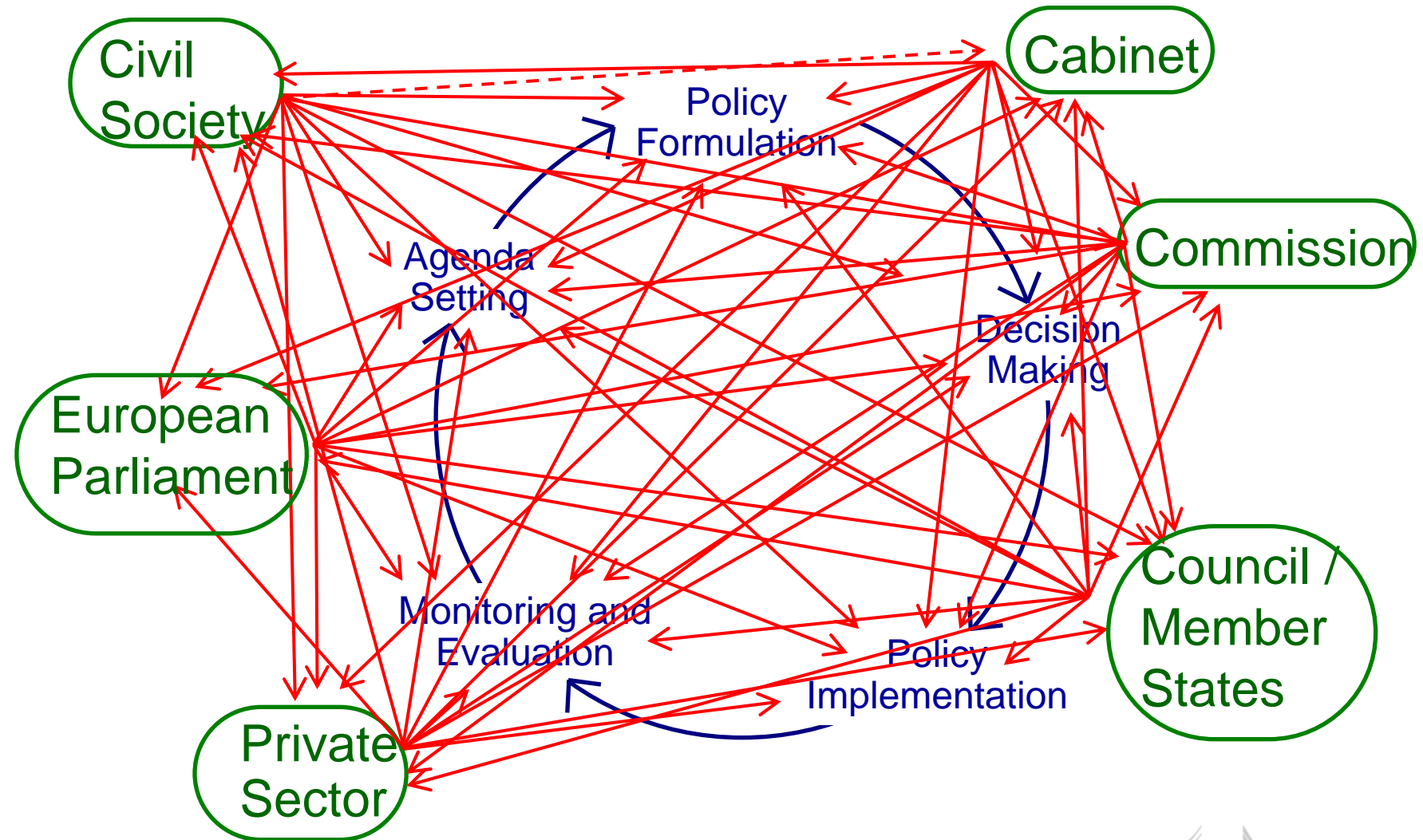


"The policy process is messy and often unpredictable. It is a complex system in which the same injection of evidence can have no effect, or a major effect."

Paul Cairney, University of Stirling, UK in The Guardian, 10th March 2016

Classic policy cycle is a concept only

We work daily in the reality.



Post-Fact Politics?

WHY WE'RE POST-FACT

Peter Pomerantsev

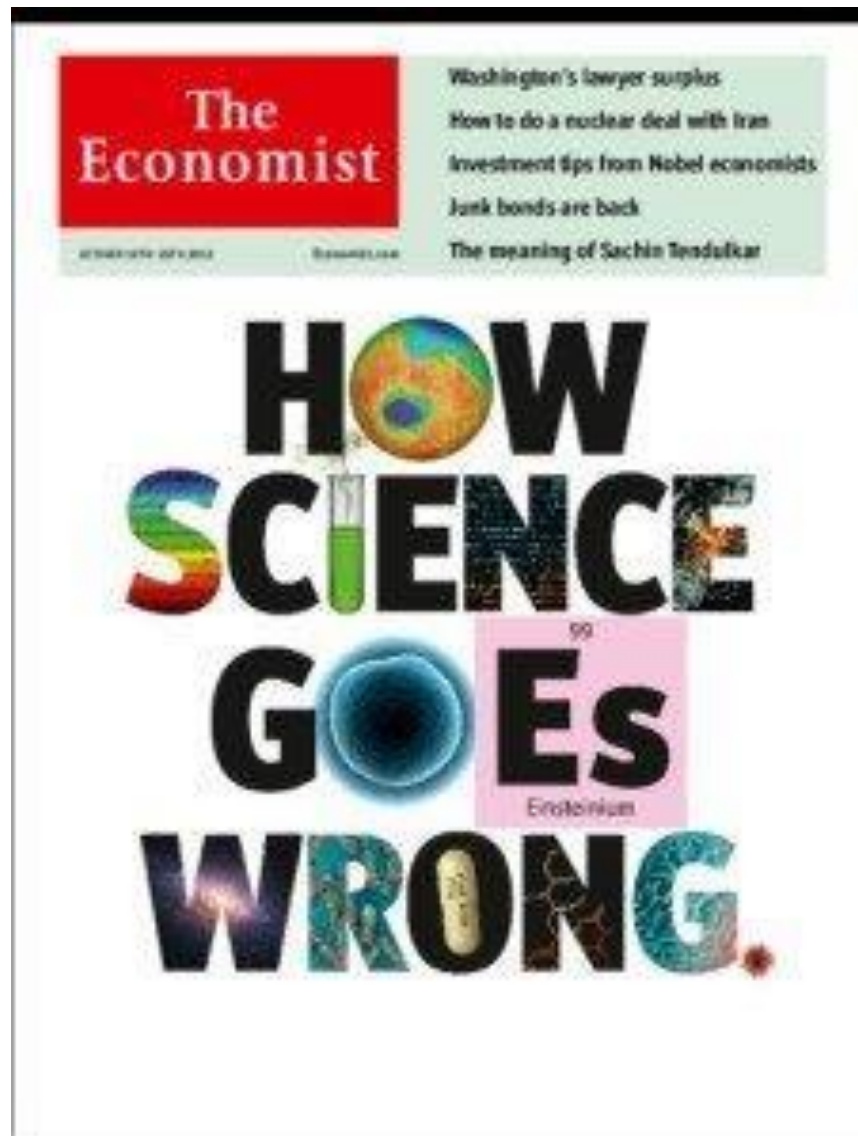


Technology / Data Revolution



Image Source: IEEE

Integrity deficit



Inter-disciplinary deficit

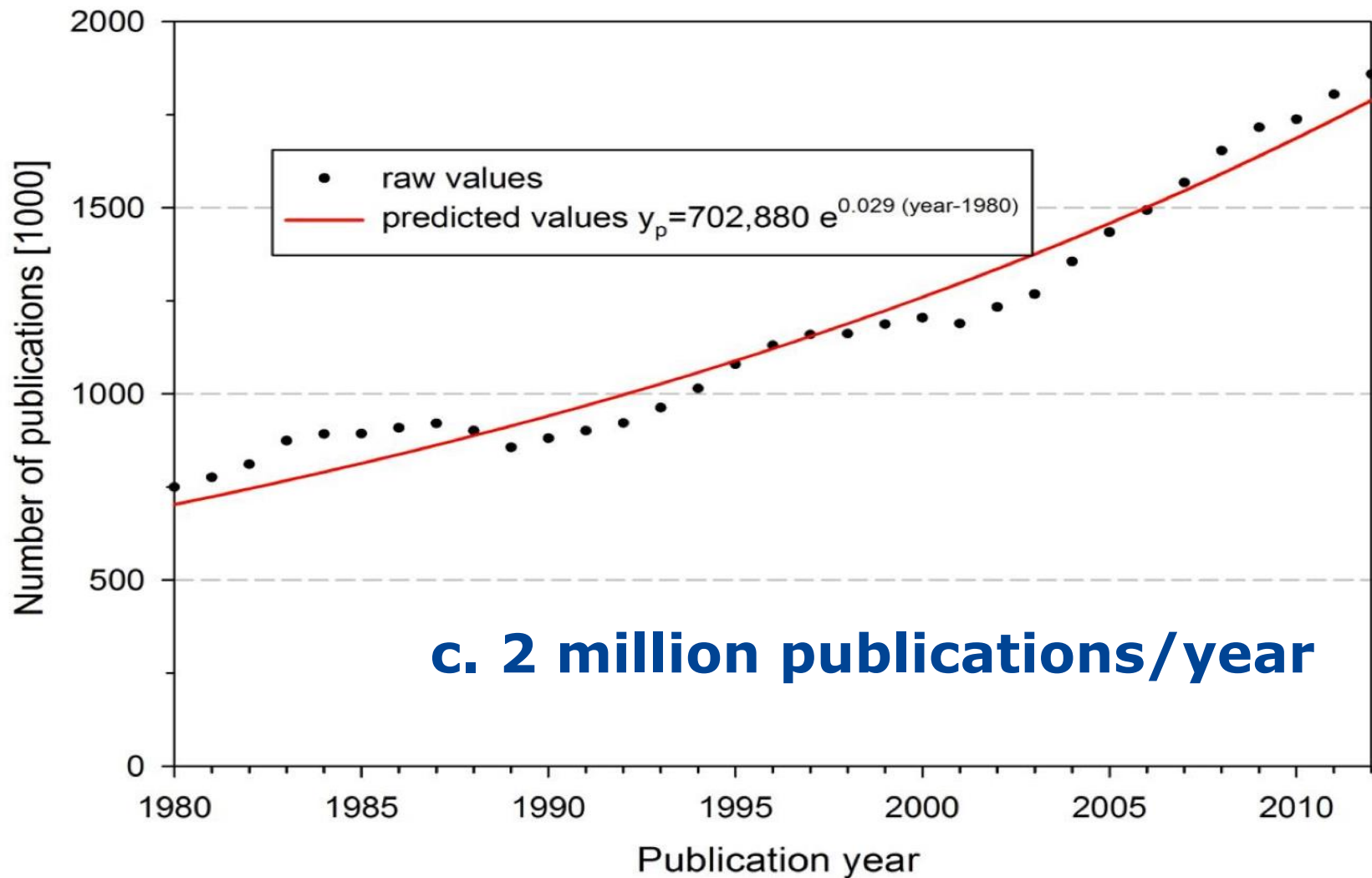


Multiplicity of Actors



Reproducibility

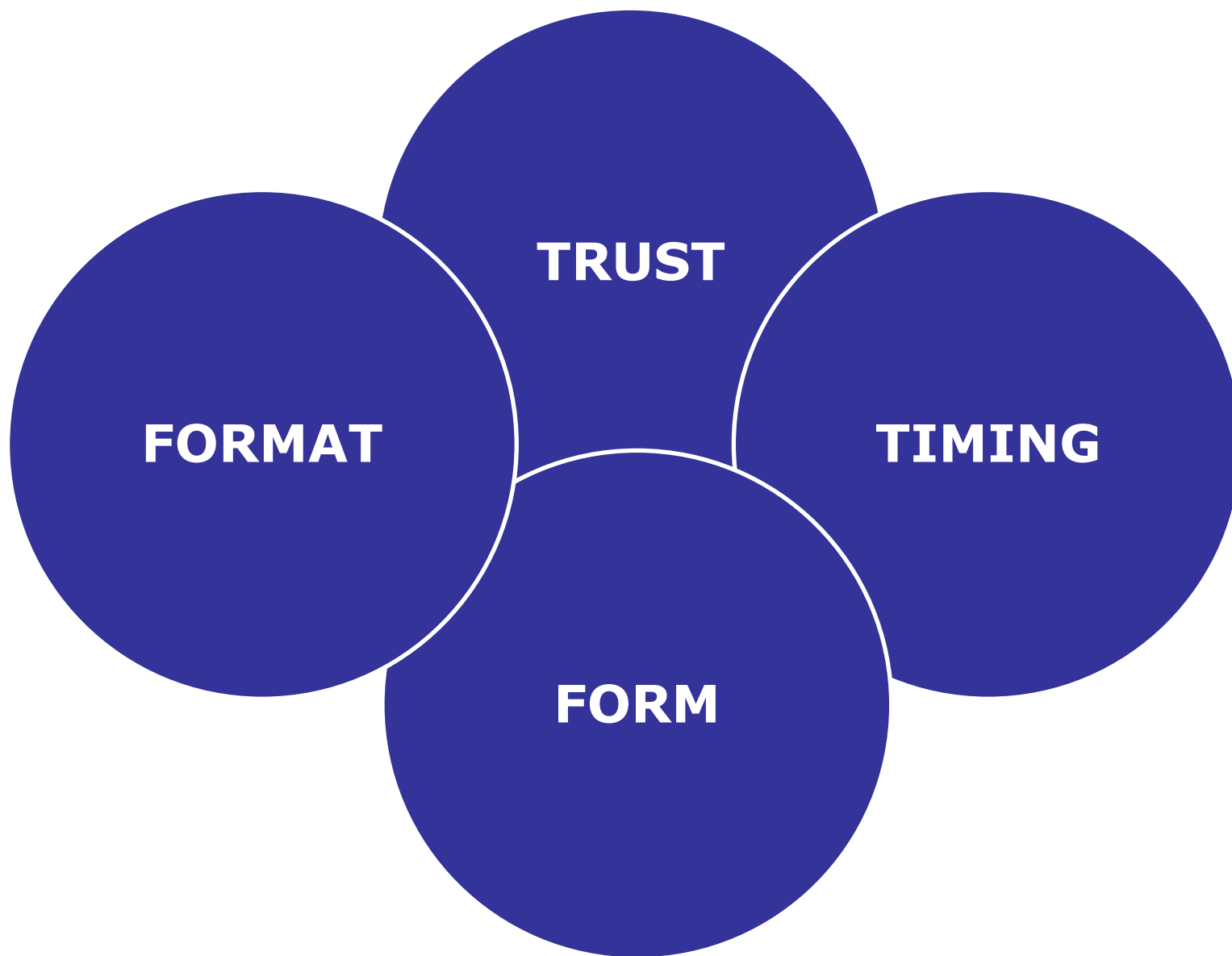




Knowledge Management and Sense-making

"We are drowning in information, while starving for wisdom. The world henceforth will be run by synthesizers, people able to put together the right information at the right time, think critically about it, and make important choices wisely."

E.O. Wilson, Consilience, 1998



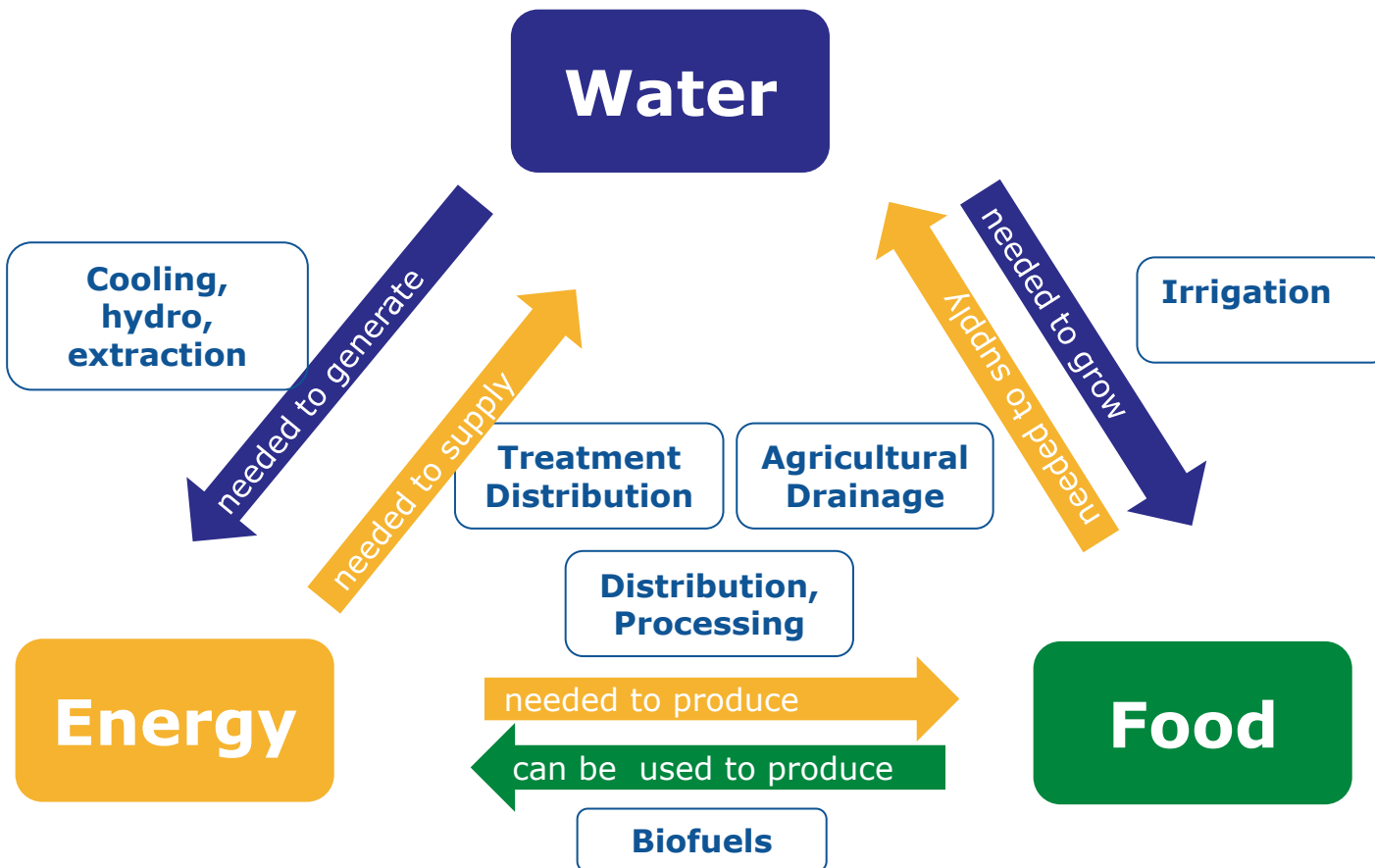
TRUST

TIMING

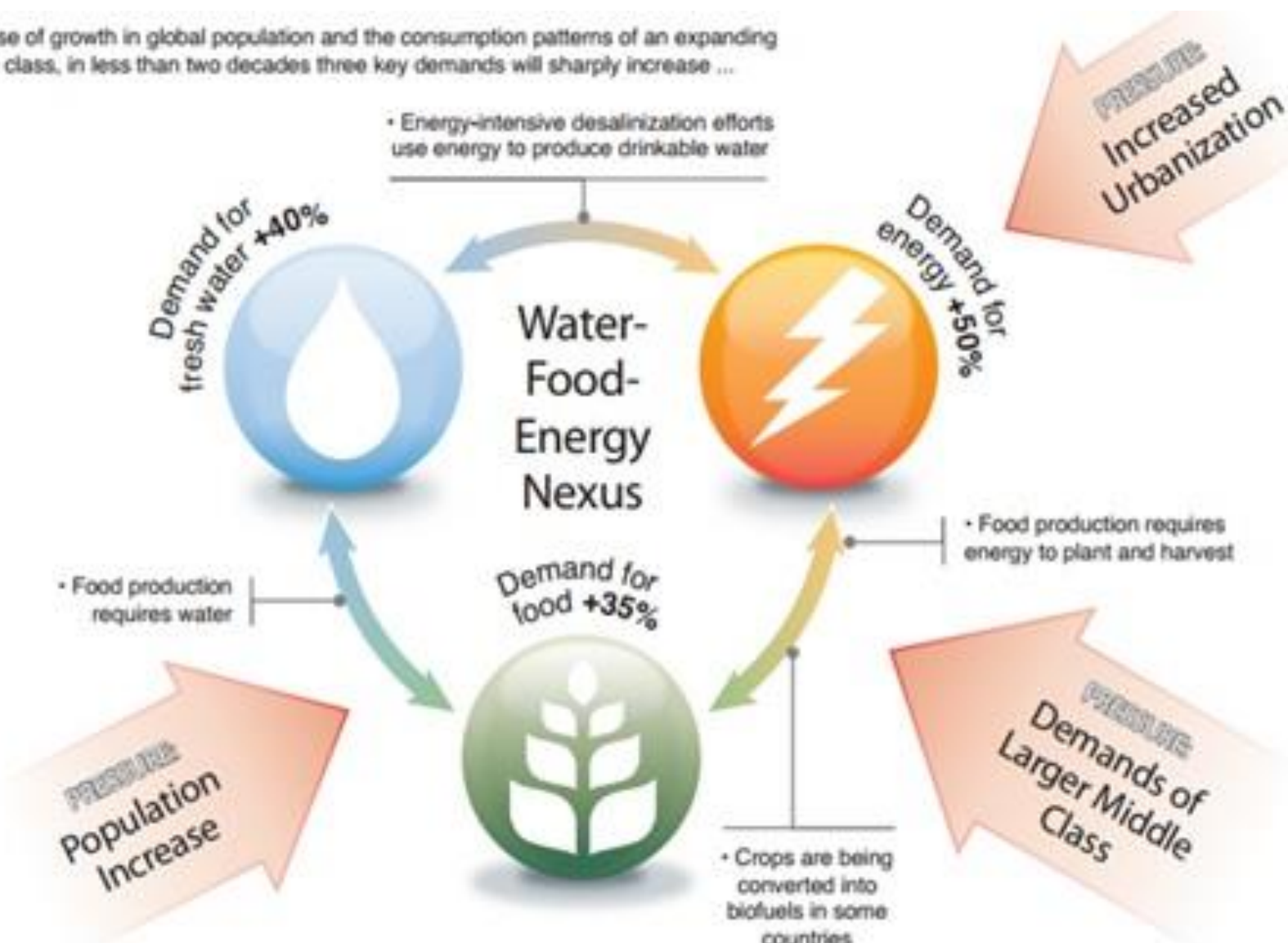
FORM

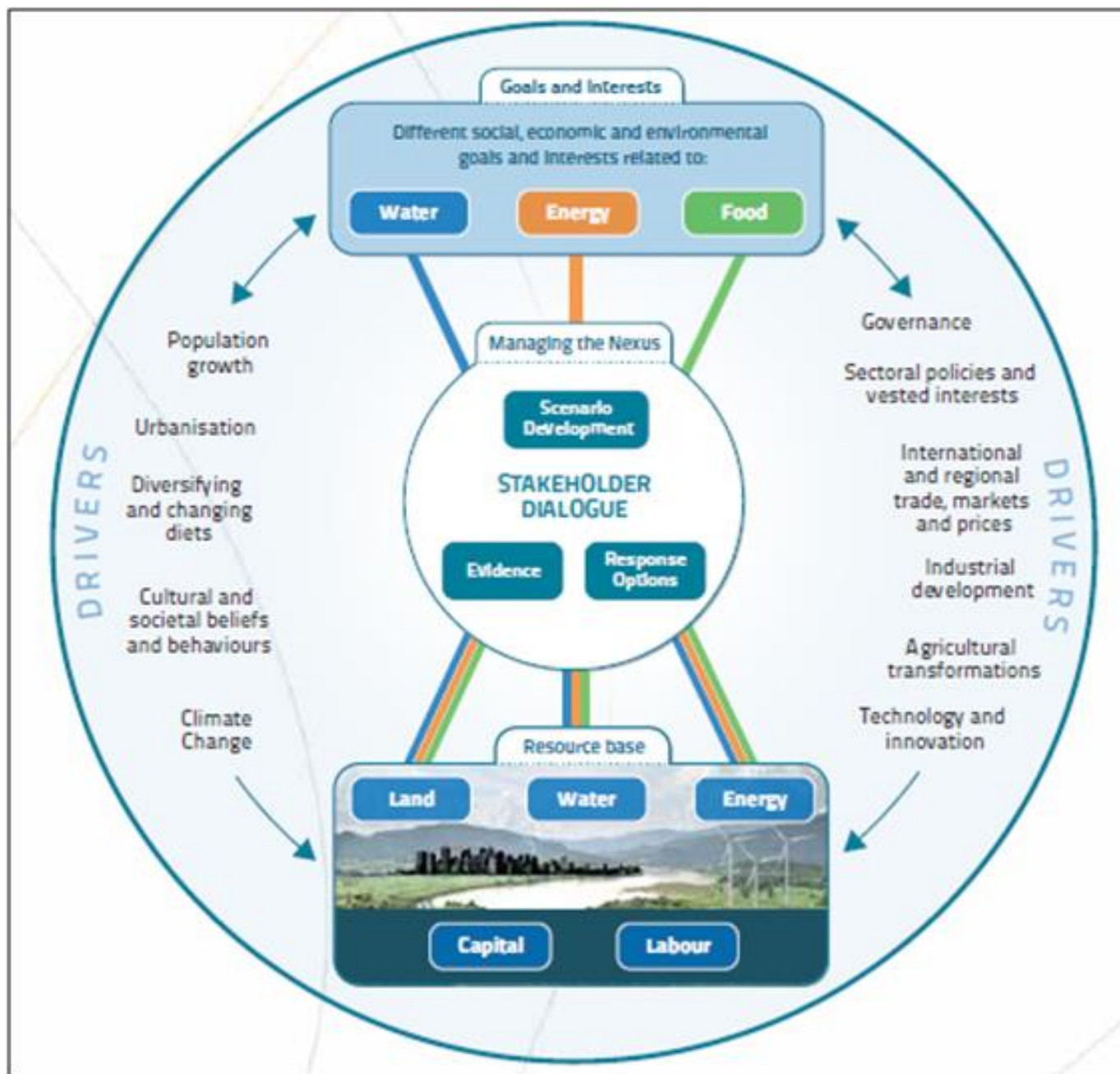
FORMAT

Water – Energy – Food Nexus



Because of growth in global population and the consumption patterns of an expanding middle class, in less than two decades three key demands will sharply increase ...





Final Remarks

