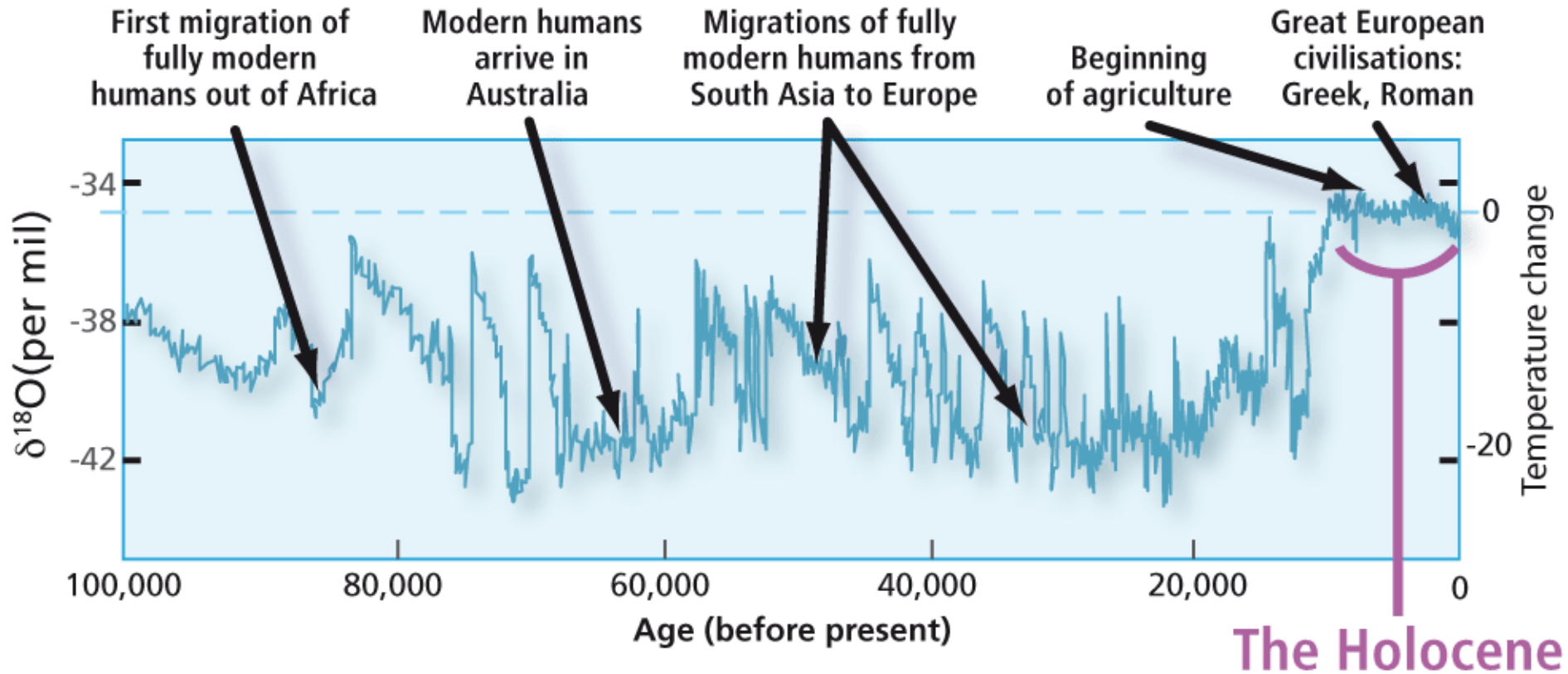
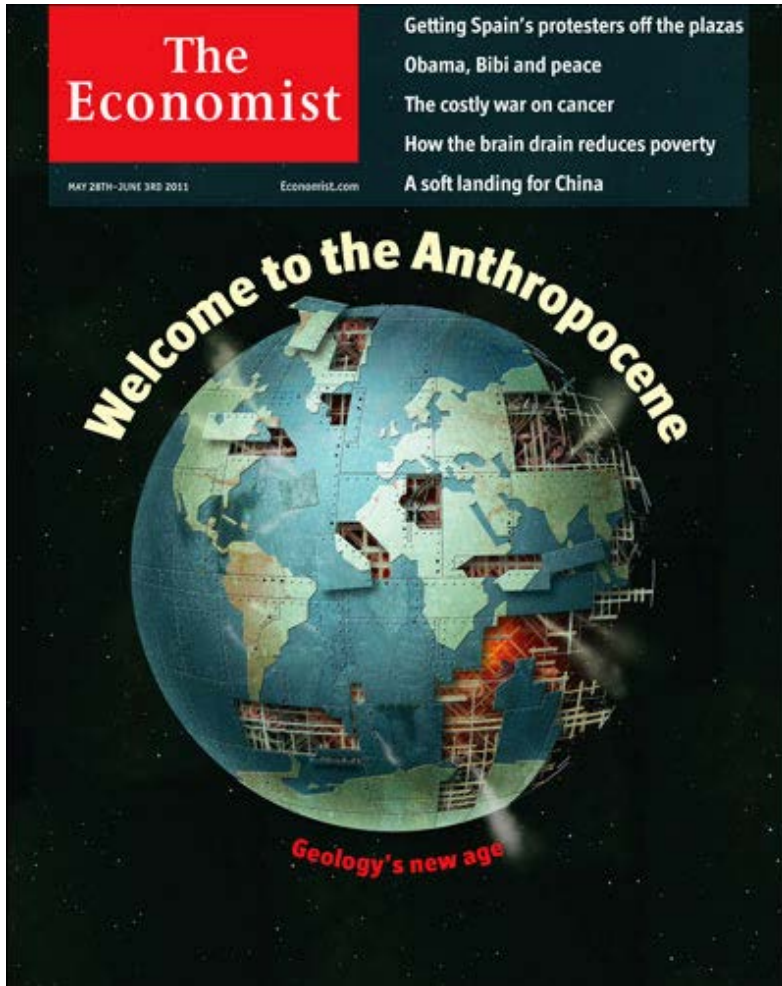


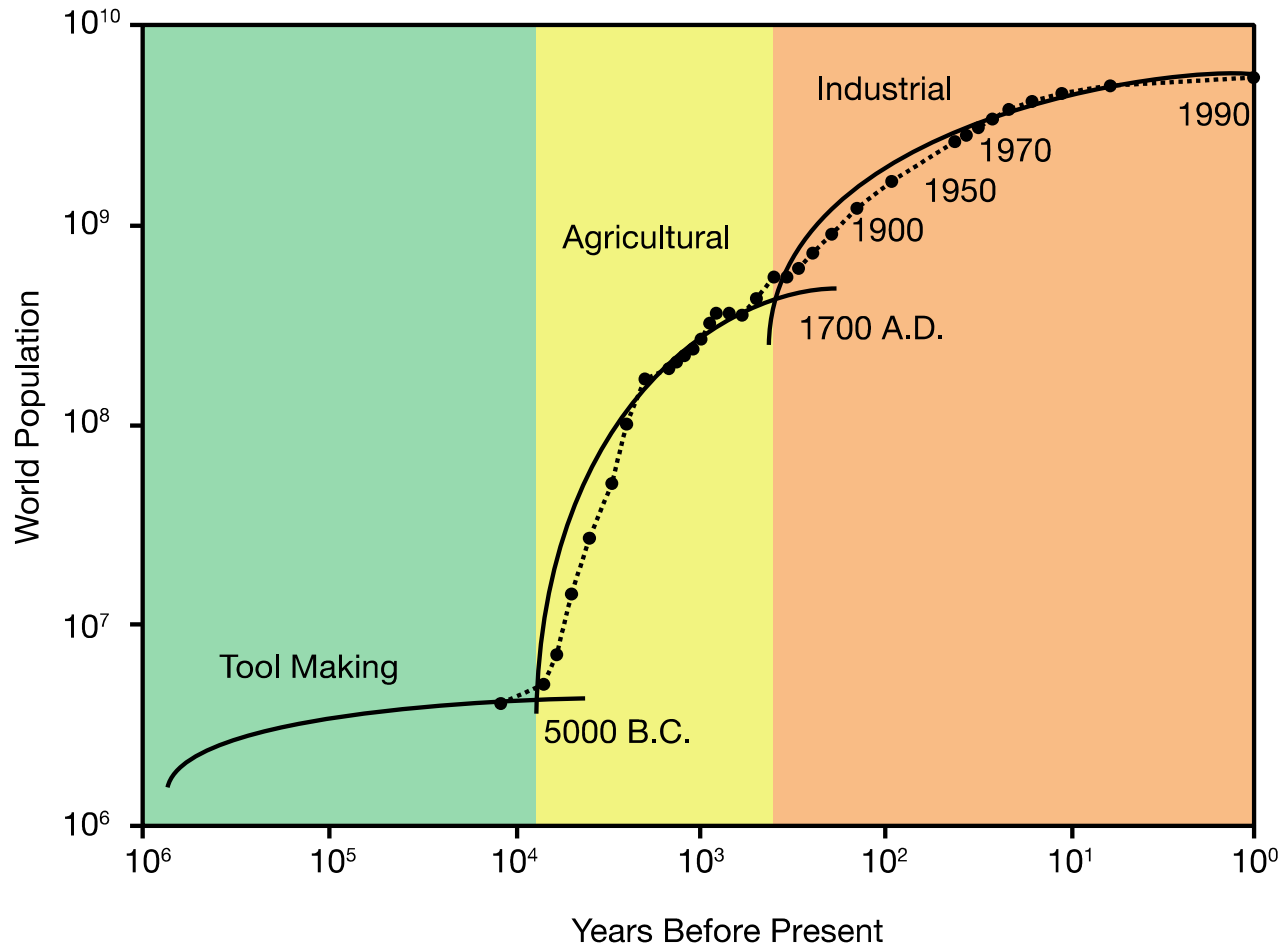
Governing the Anthropocene

The Role of Science and Universities in a Sustainability Transformation

WHAT IS AT STAKE?







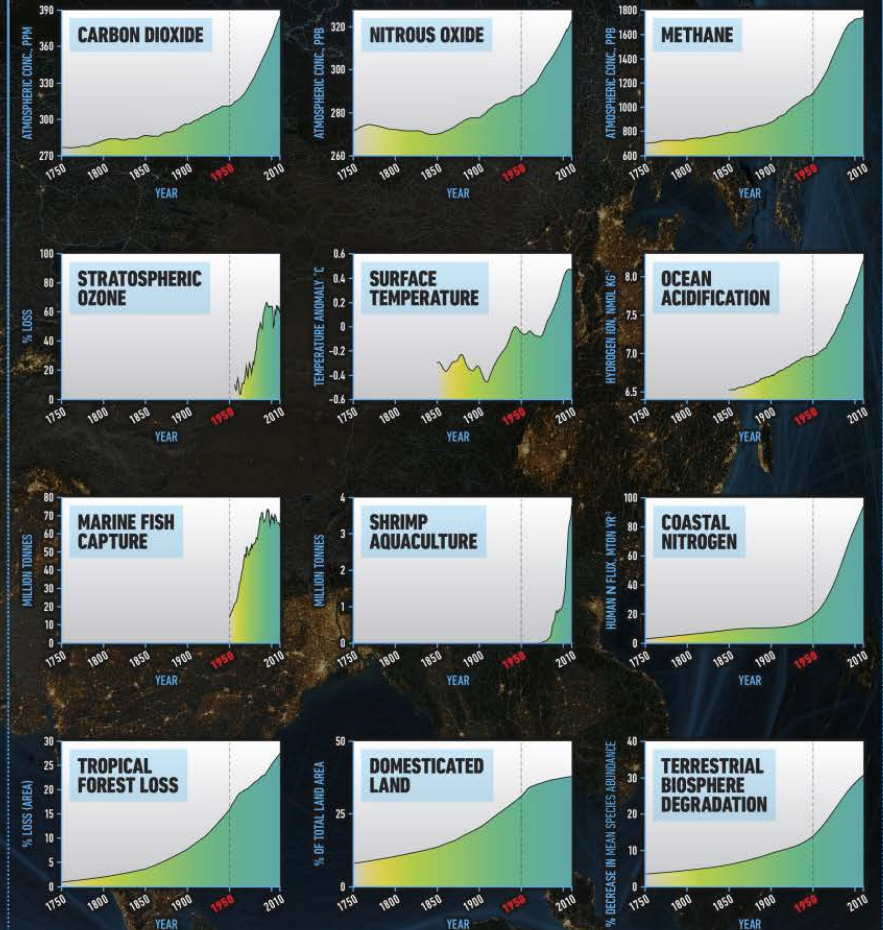
Source: R. Kates (1997) after E. Deevey (1960)

THE GREAT ACCELERATION

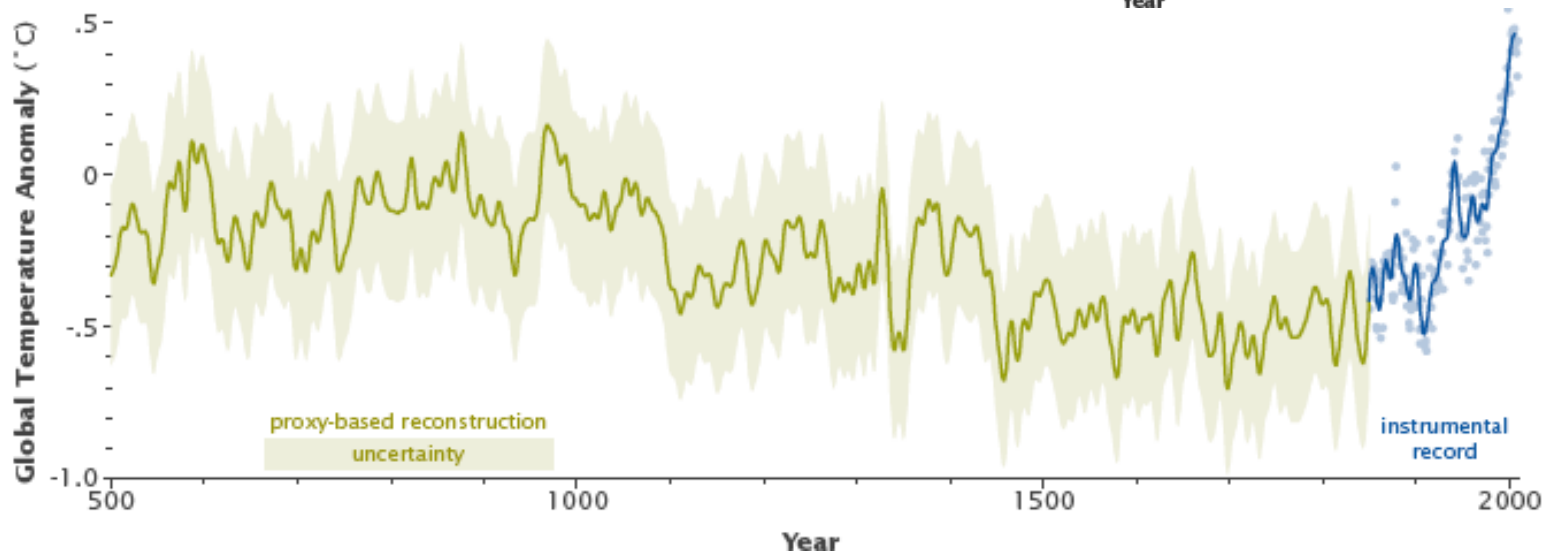
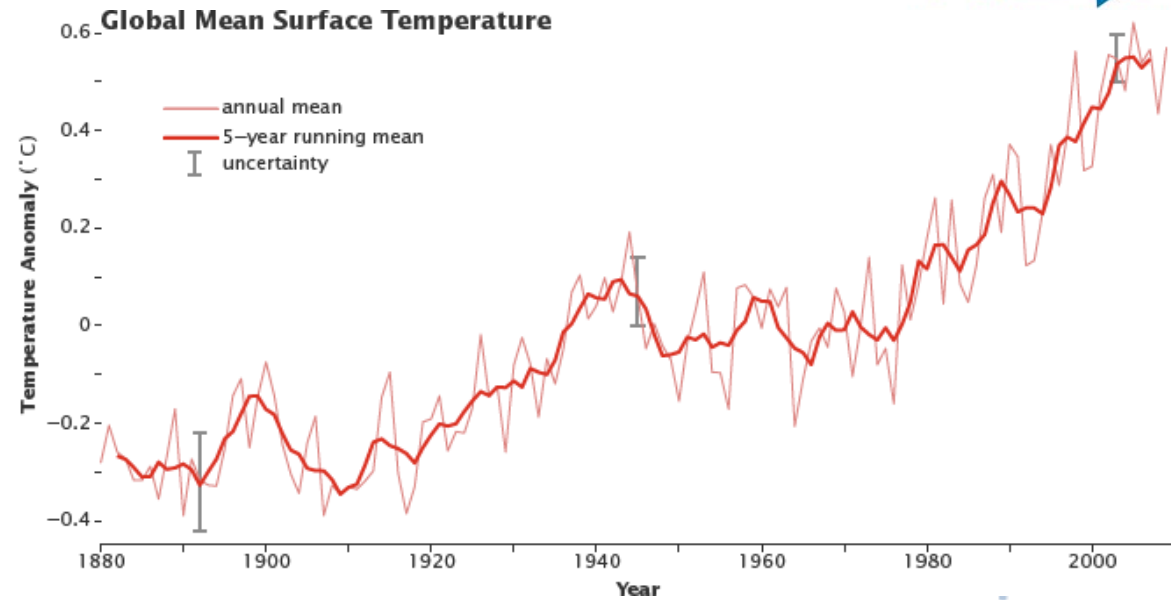
SOCIO-ECONOMIC TRENDS



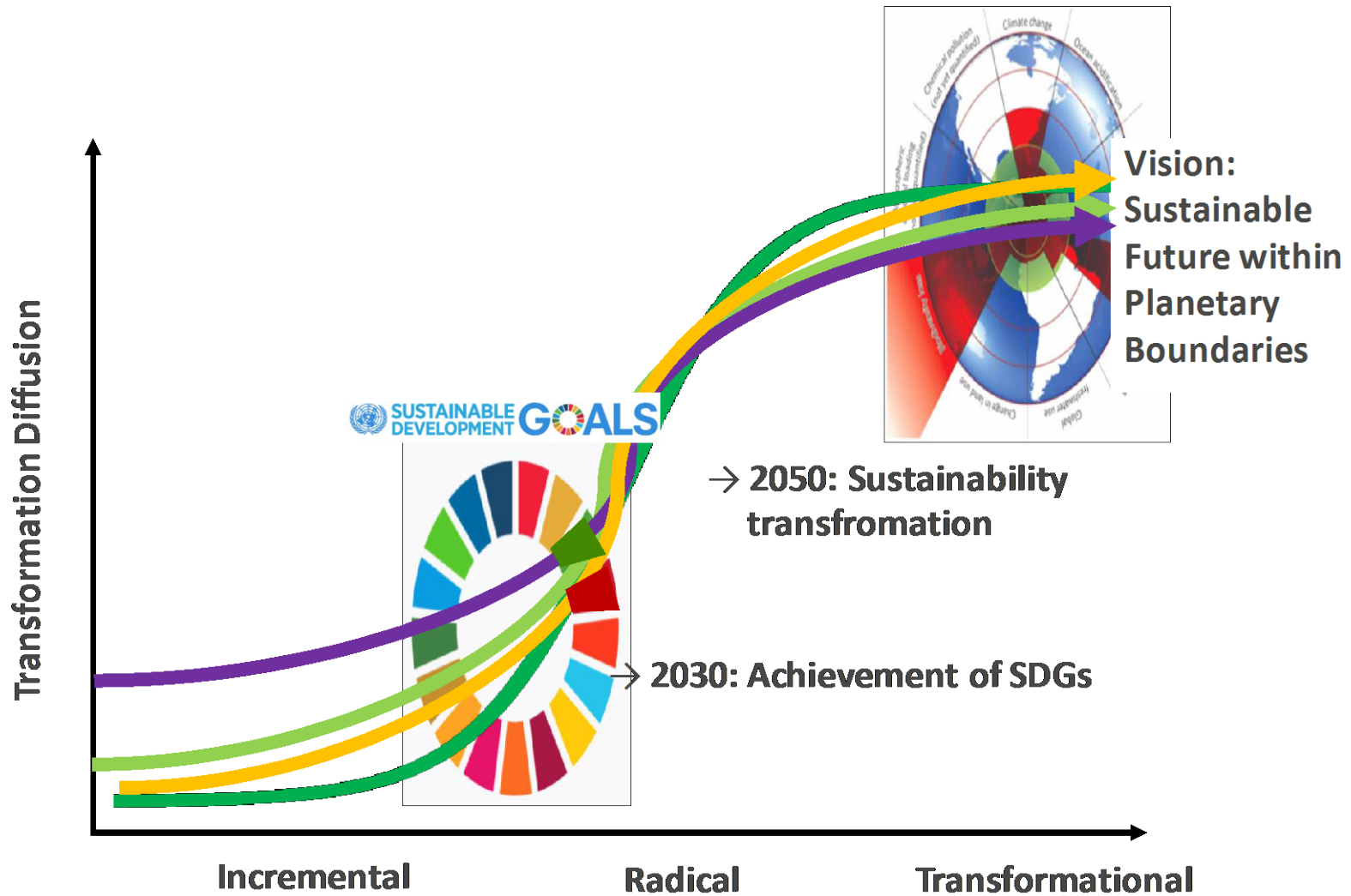
EARTH SYSTEM TRENDS

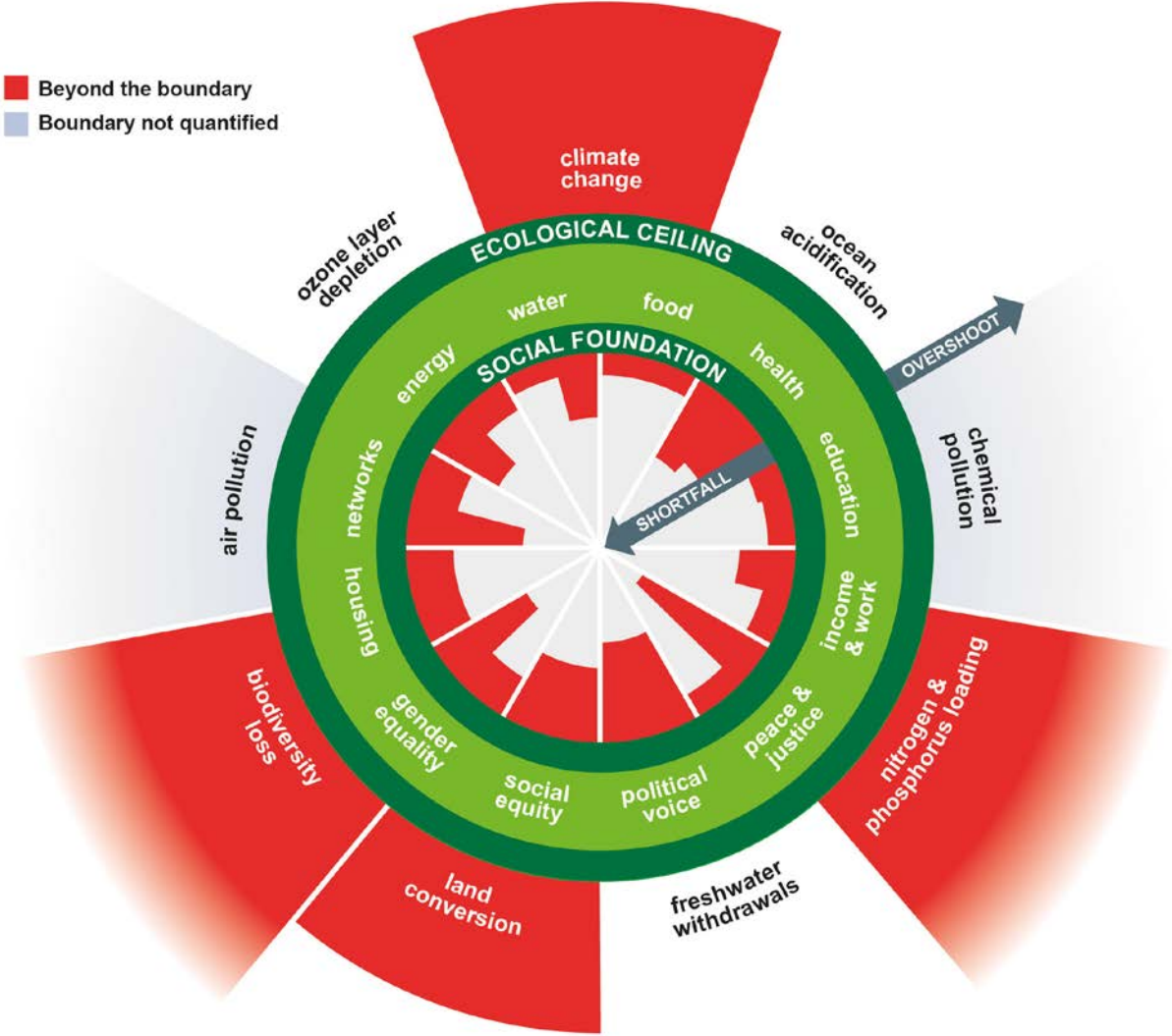


How to maintain this miracle in the Anthropocene?



WHAT IS REQUIRED?

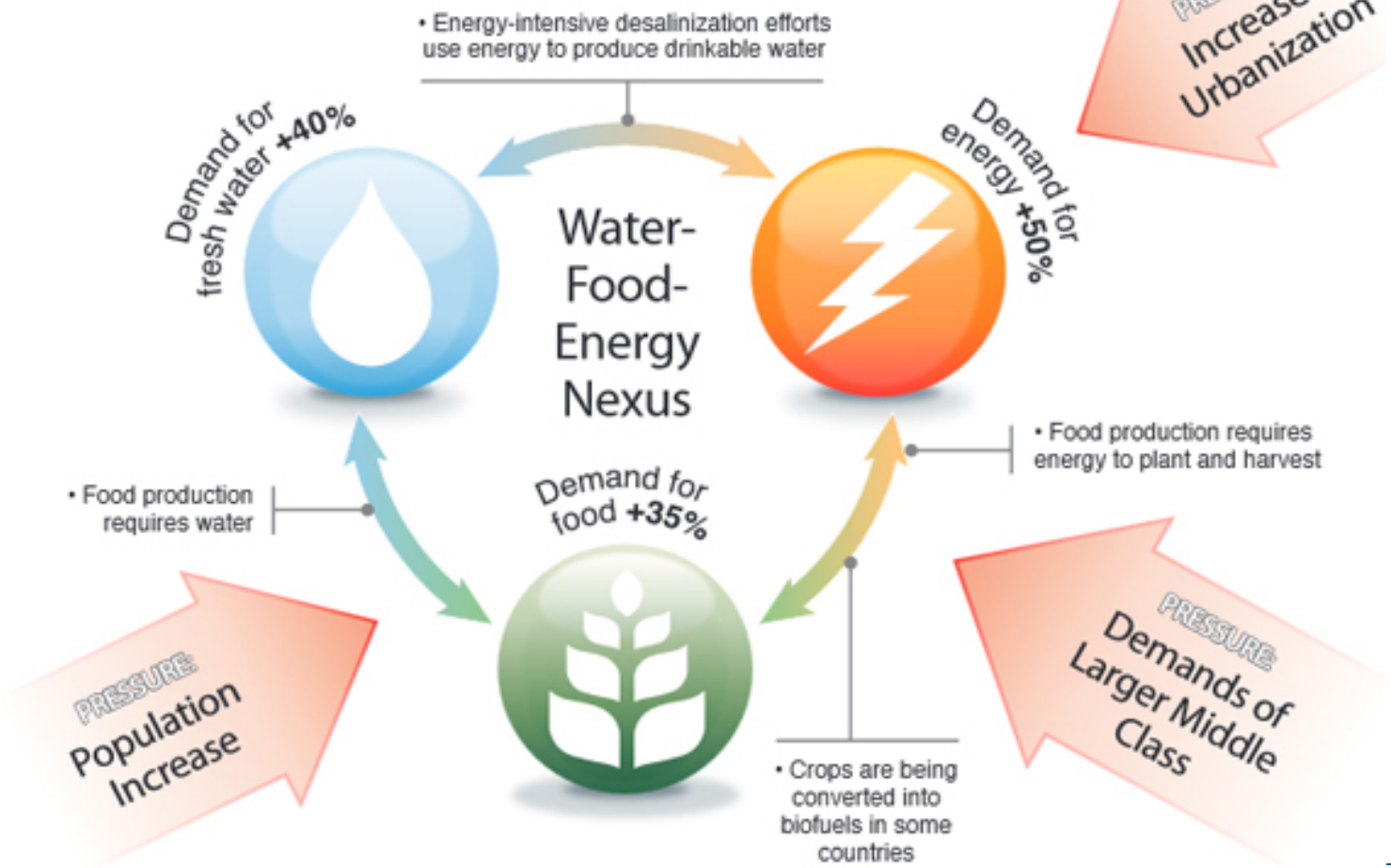




As population grows, pressures mount

And the relationships between food, water, and energy supplies become critical

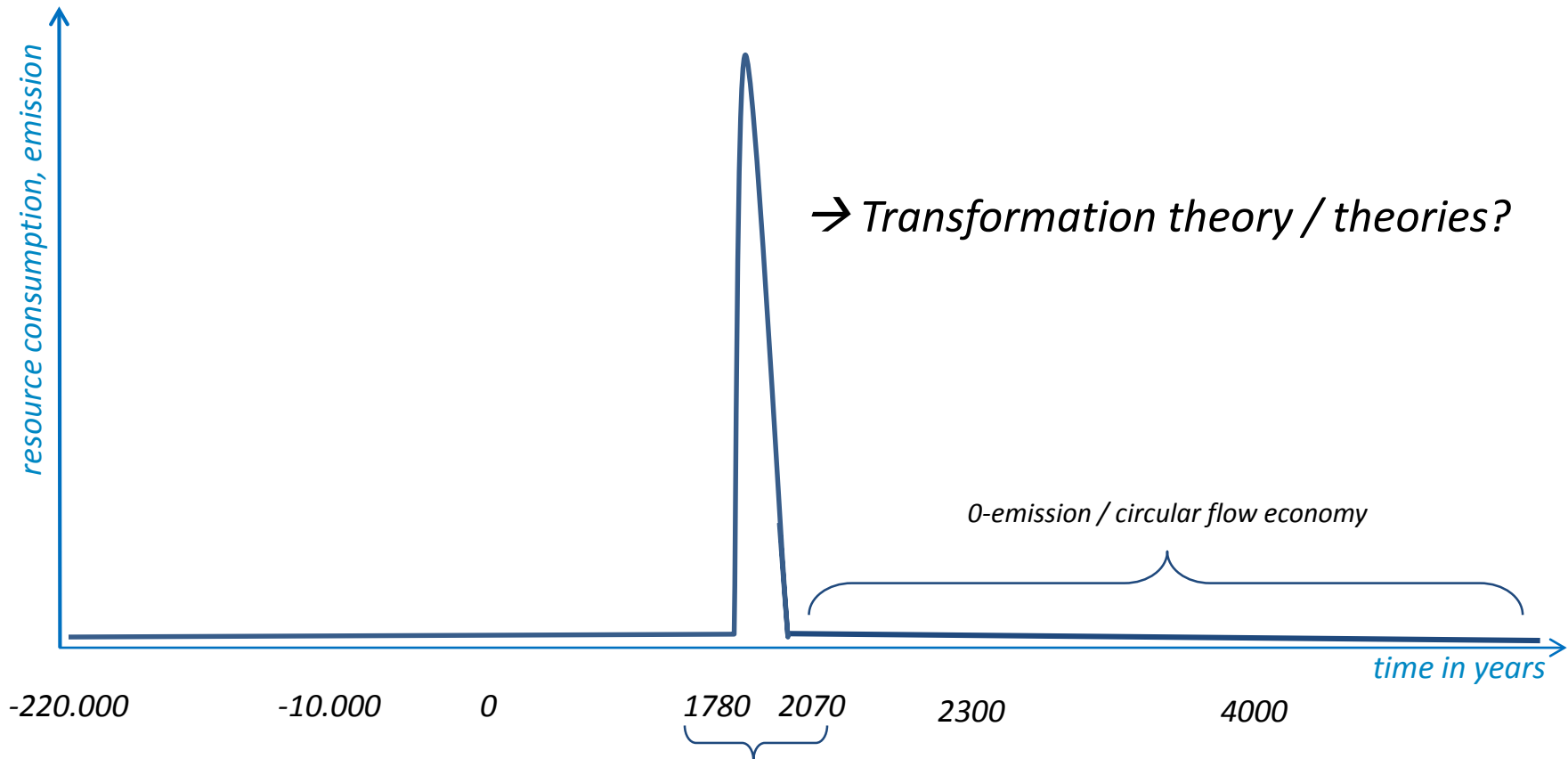
Because of growth in global population and the consumption patterns of an expanding middle class, in less than two decades three key demands will sharply increase ...





“Transformability is the capacity to create untried beginnings from which to evolve a fundamentally new way of living when existing ecological, economic, and social conditions make the current system untenable.”

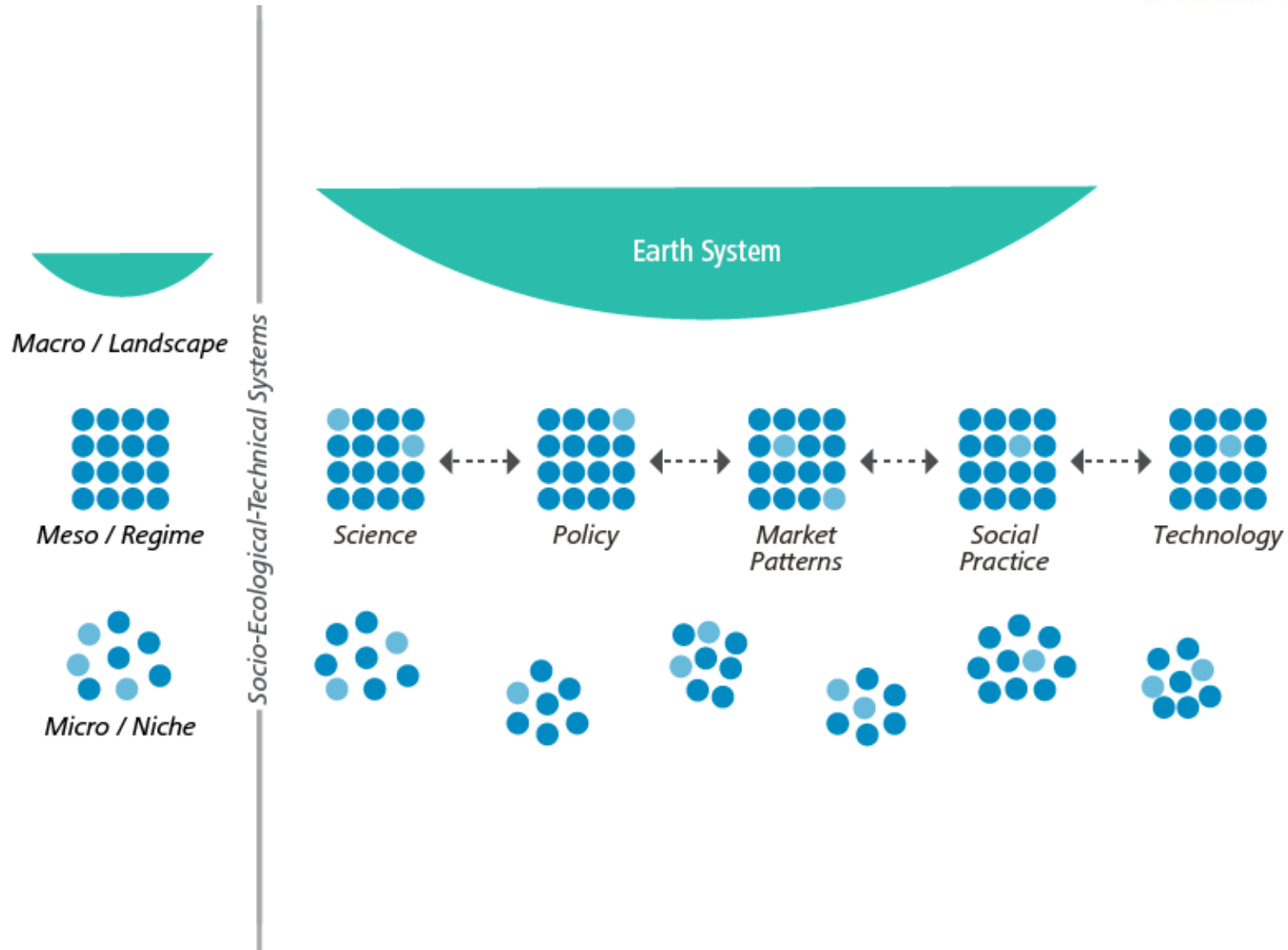
Westley et.al. 2011 & Stockholm Resilience Centre



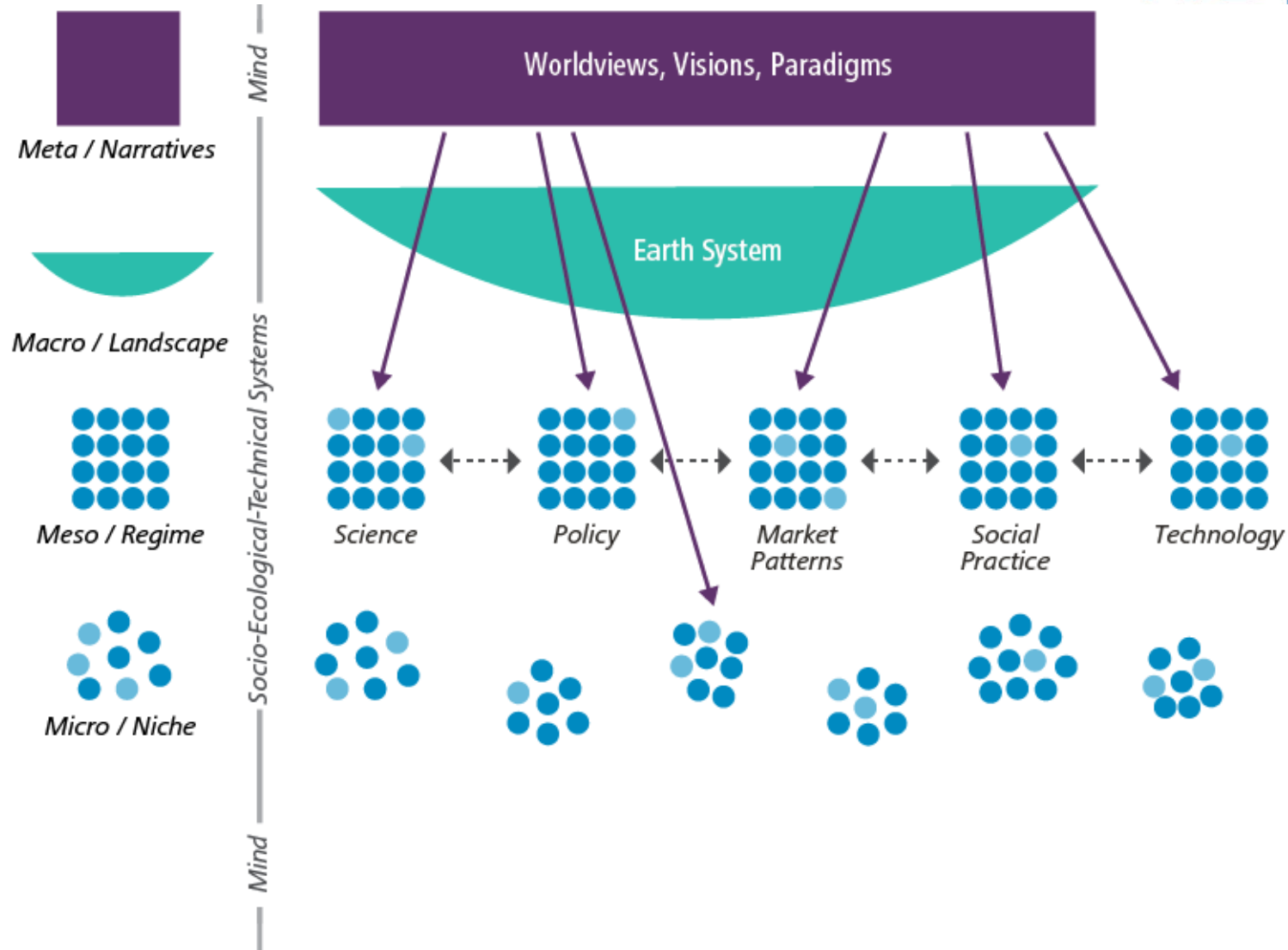
Quelle: Dirk Messner

*Our **mental maps/ belief systems** reflect this brief period.
Modern science is about understanding dynamics **within** this period*

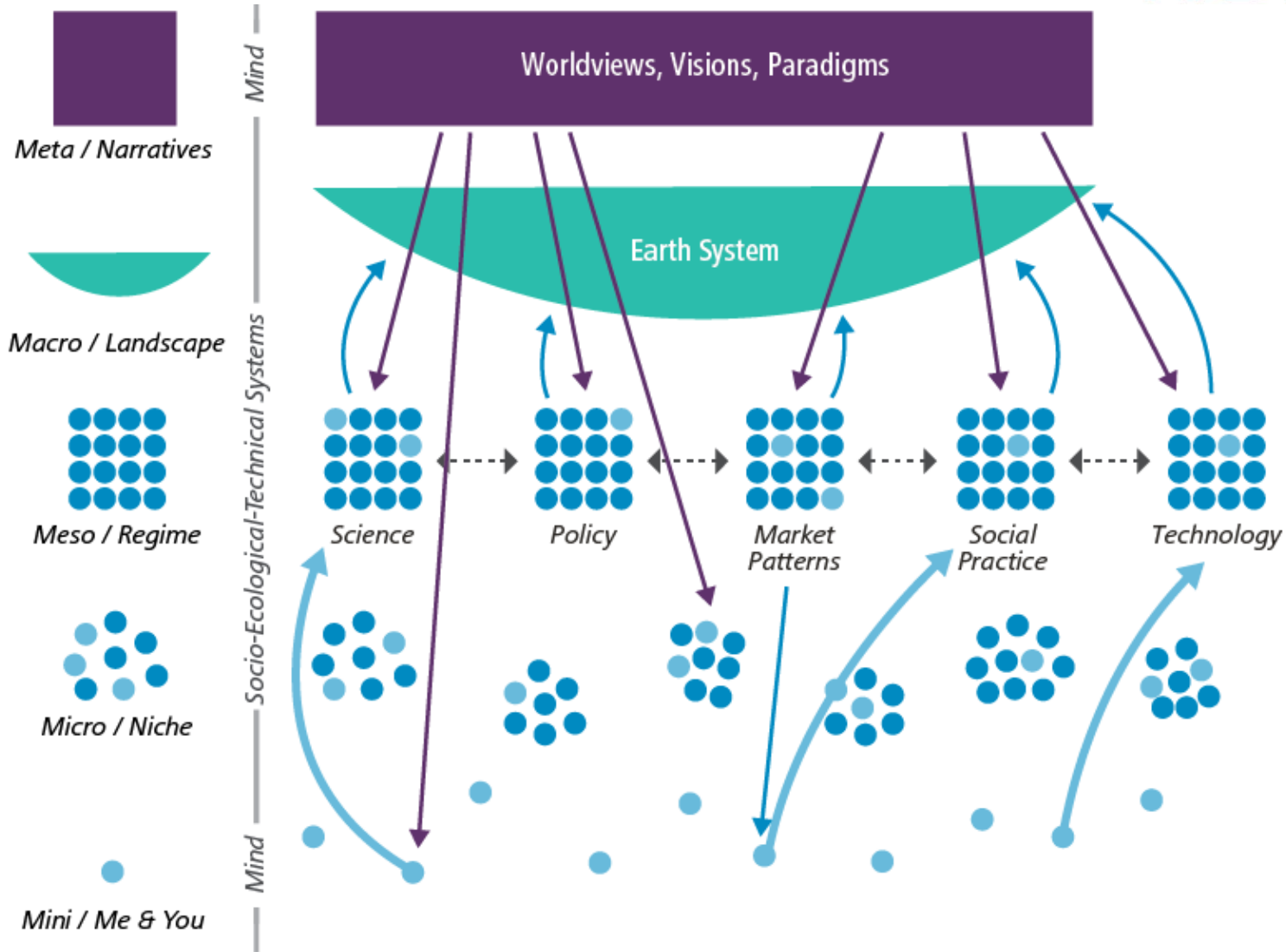
WHY SCIENCE IS KEY

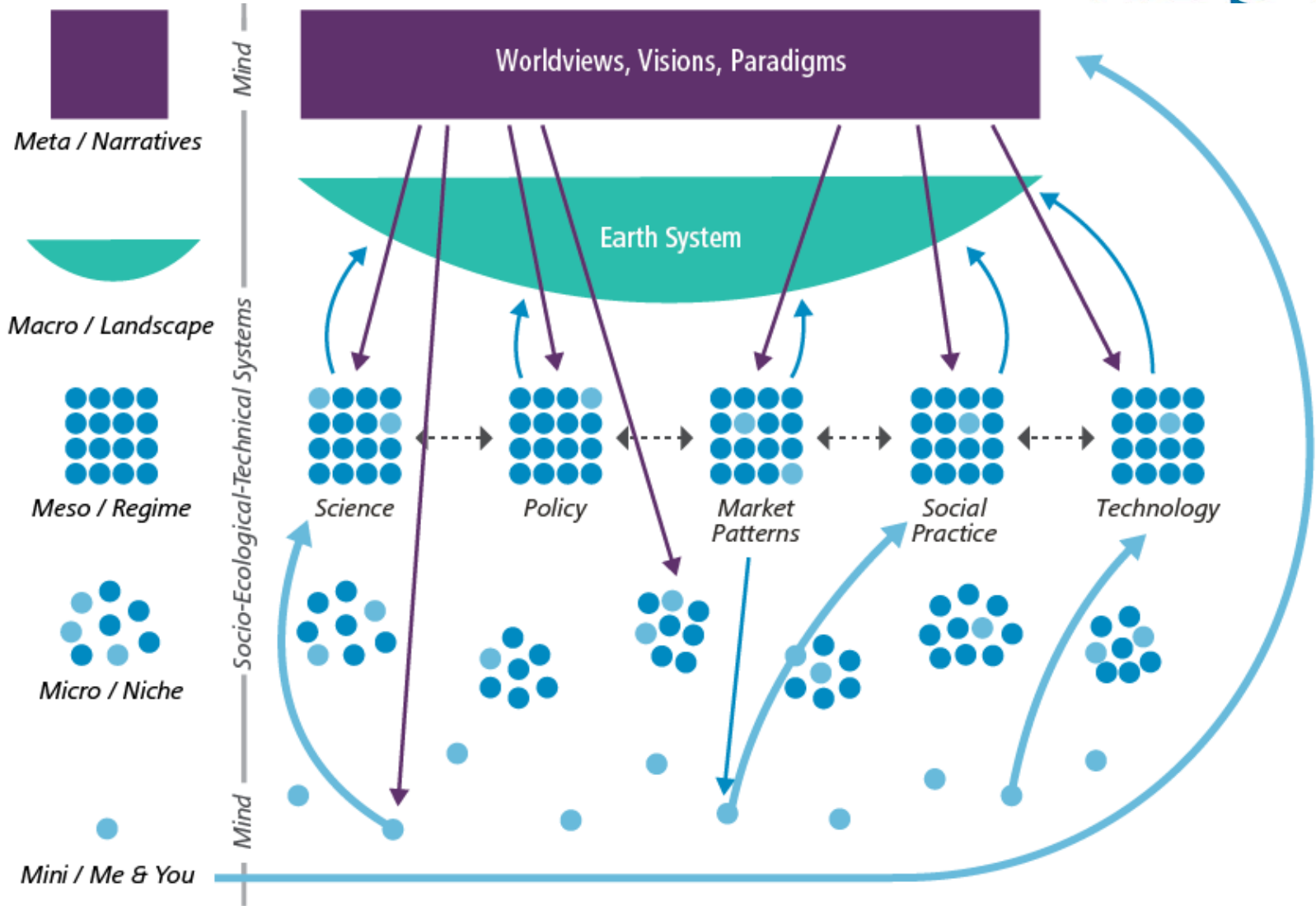


Source of *intentional* transformation processes?



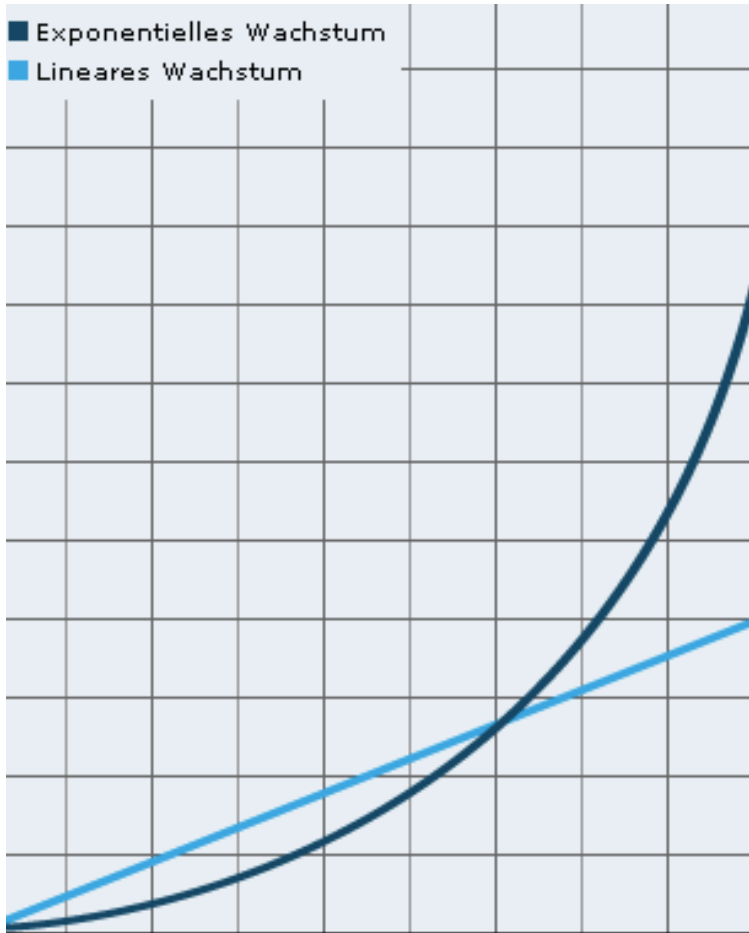
Source of *intentional* transformation processes?





Erich Jantsch, Club of Rome and University of Hanover, with a systems approach on the Inter- and Transdisciplinary University (1970):

give it *“a new purpose which may be recognized as a means of increasing the capability of society for continuous self-renewal”*



pur·pose

/'pərpəs/

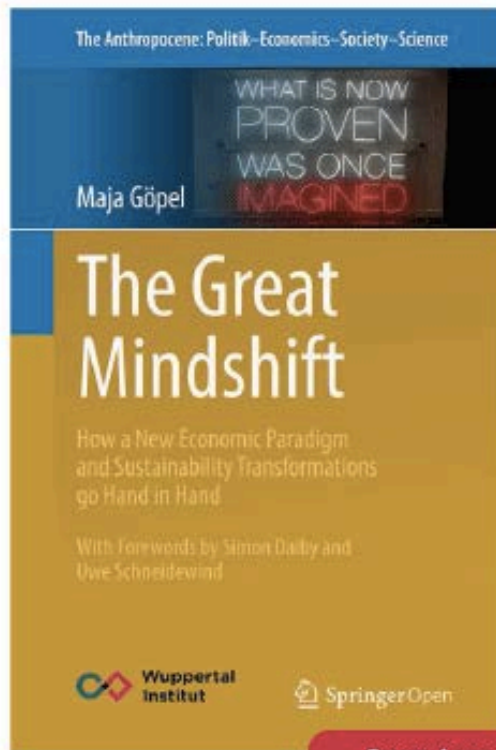
Noun

The reason for which something is done or created or for which something exists.



*„YES, THE PLANET GOT DESTROYED. BUT FOR A BEAUTIFUL MOMENT WE
CREATED A LOT OF SHAREHOLDER VALUE.“*

Thank you!



“a manifesto
for the
disheartened”

Open Access @SpringerLink:
[po.st/TheGreatMindshift](https://www.springerlink.com/po.st/TheGreatMindshift)

FREE TO DOWNLOAD

