

This talk is based on:

Gottschick M (2014) Plädoyer für eine investigative transdisziplinäre Anpassungsforschung. In: Beese K, et al. (eds) Anpassung kommunizieren?! Konzepte, Fallstricke und Perspektiven von Bildung, Kommunikation und Wissenstransfer für eine regionale Anpassung an den Klimawandel. oekom verlag, München.

A English translation of this book article can be found at
www.researchgate.net/profile/Manuel_Gottschick/

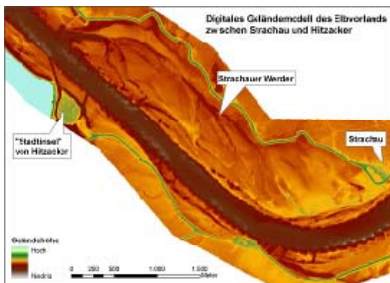
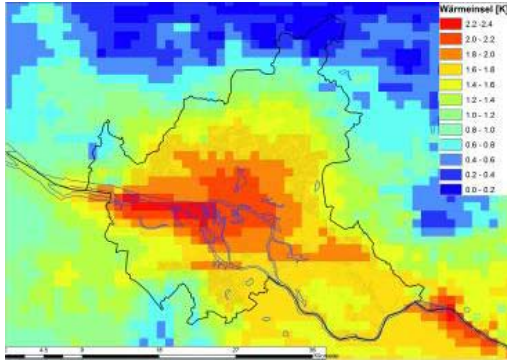
Investigative and transformative research for societal transformation to sustainability

Dr.-Ing. Manuel Gottschick
KLIMZUG-NORD / Governance
University of Hamburg
CIRCLE2 Adaptation Frontiers,
10-12th March 2014, Lisbon, Portugal

Strategies to adapt to climate change in the metropolitan region of Hamburg

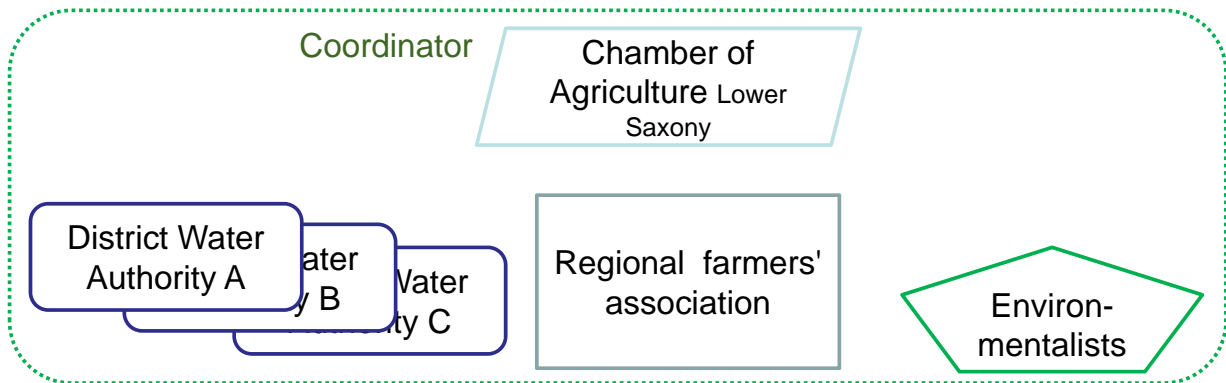
- 2009 – 2014
- 12 Universities and Research Center
- ~ 100 Scientists
- 22 authorities and corporations
- 25 work packages
- 15 Mill. € funding



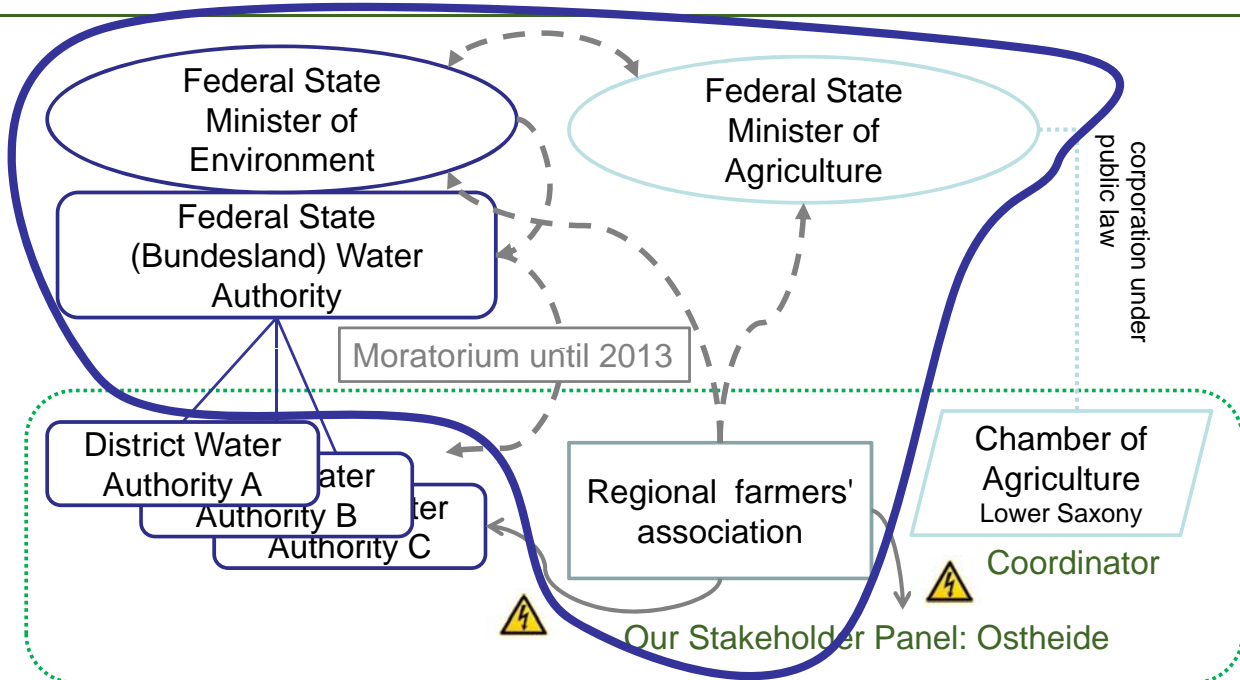


Aims:

- teach knowledge and uncertainties
- Improve communication and
- Understanding about perspectives and interests
- Facilitate social learning
- Reflexive Governance



Power Relationships formal and informal



- Evidence-based policy-making
- Science-policy interfaces
- Reflexive Governance

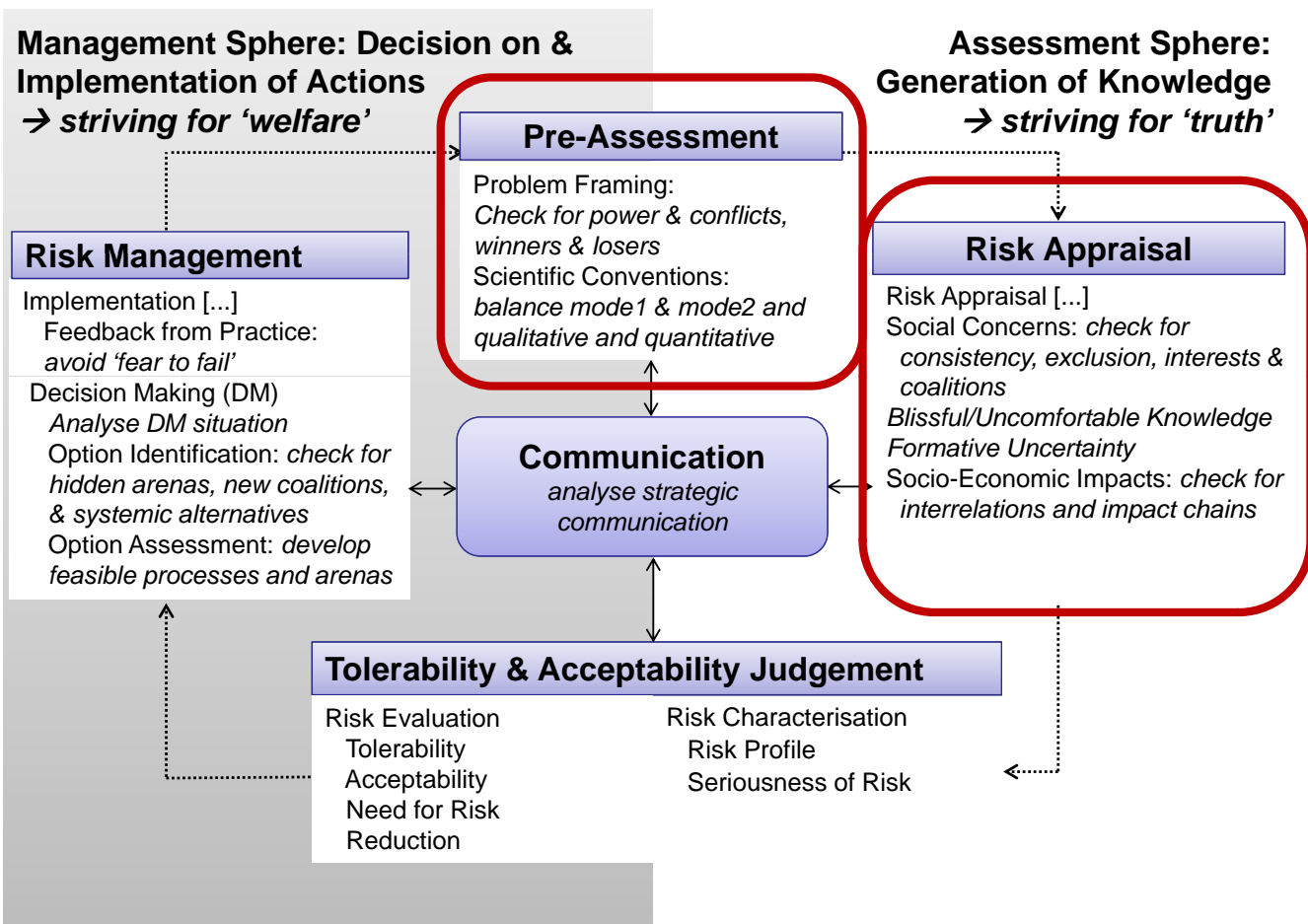
Meadowcroft/Steurer 2013



- Evidence-based policy-making
- Science-policy/-society interfaces
 - **separate worlds:** knowledge, culture, values, (non-strategic) interests
→ knowledge brokerage, learning, co-creation
 - **contested status of scientific knowledge:** in complex environmental or social problem situation
→ social learning; participatory approaches;
Conflict-Oriented Understanding (Gottschick 2013)
 - **strategic use of science:** to gain strategic advantages (highlighting, denying, fogging, delaying issues)
→ Investigative Research
 - **ritual or symbolic use of science:** to document activity as decorative symbols of knowledge societies
→ Investigative Research
- Reflexive Governance

Meadowcroft/Steurer 2013; Pregernig/Böcher 2013; Gottschick 2014

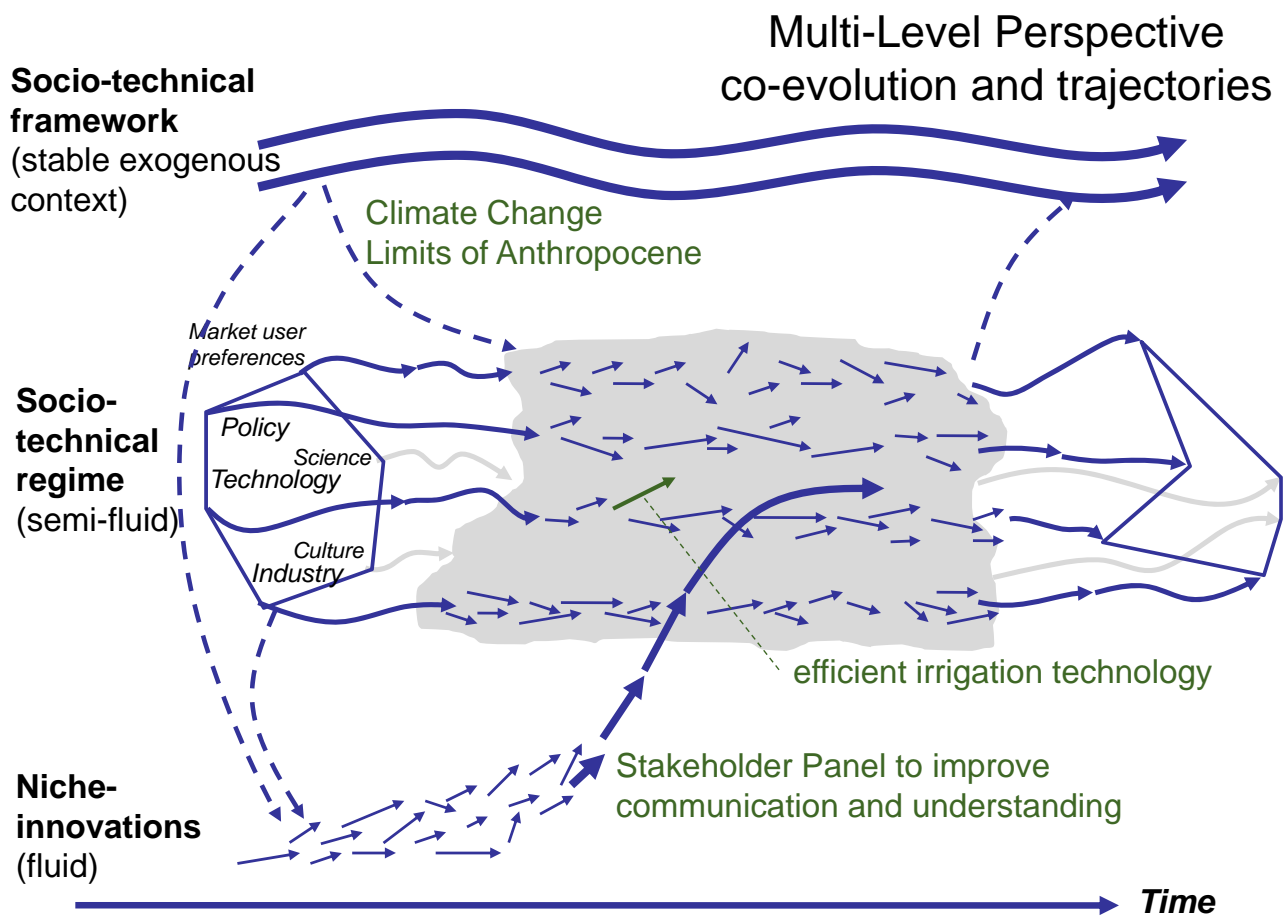
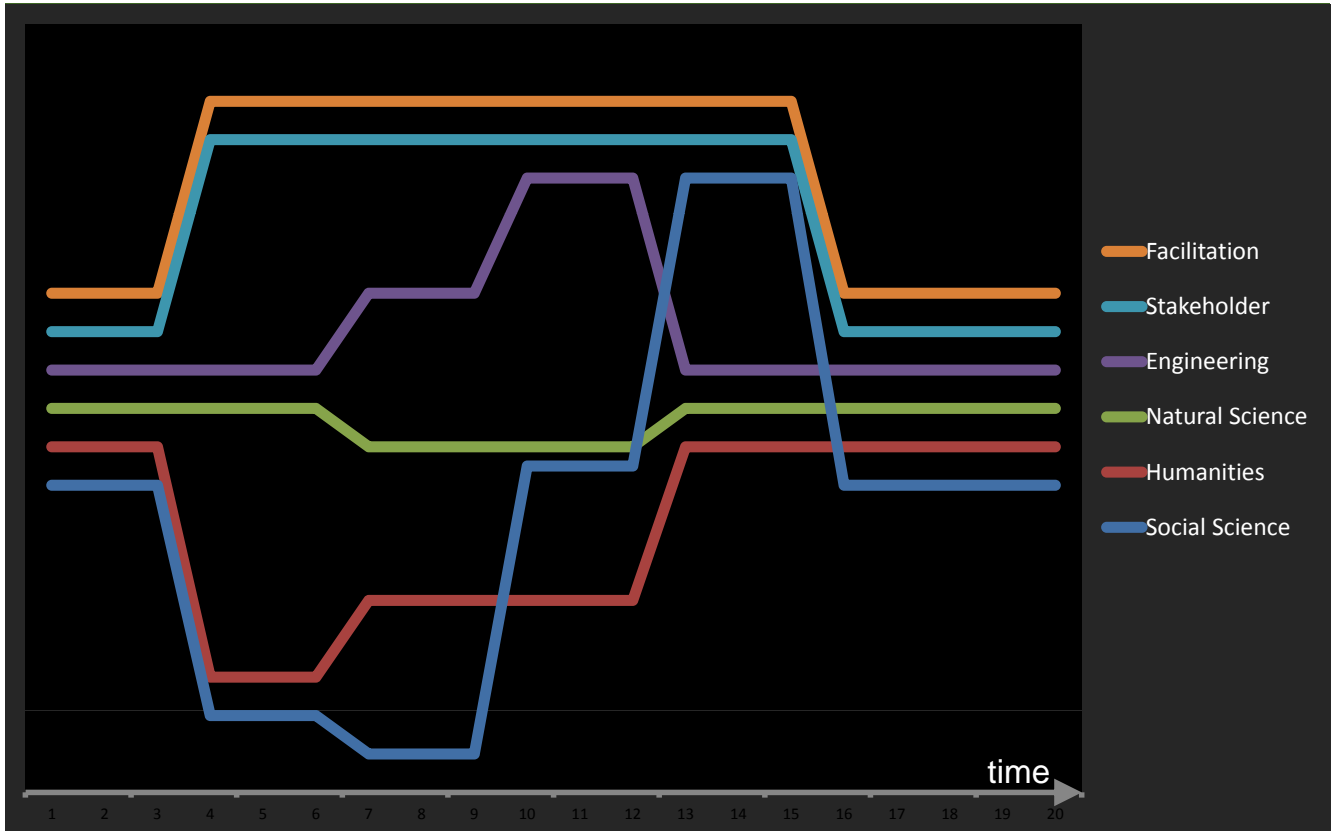




Gottschick 2014: Investigative Research (italic) applied on IRGC Risk Governance (Aven/Renn 2010; IRGC 2005)

Tensions between Investigative and Transformative Research

- Transformative Research requires access to the field and openness for cooperation
- Investigative Research aims to unhide strategic communication and behaviour
- Research ethics needed:
 - clear communication of research aims (personal and institutional separation from IR and TR)
 - hidden research only as an exception
 - no provocation to clarify the conflict situation



(adapted from Geels 2011: 28)