GOVERNING THE ANTHROPOCENE: CYBERSYSTEMIC POSSIBILITIES? SCHLOSS HERRENHAUSEN, 30-31ST JULY 2015 INQUIRY RECORDING TEMPLATE	
Table Number:	5
Participant Names	Melf-Hinrich Ehlers, Igor Perko, David Lane, Natalia Cofe-Malonaclaro, Pamela Buckle-Henning, Facilitator: Renate Judith
Recorder Names: (PhD Students + others)	Michaela Bristol-Faulhammer, Tuan Ha, and Suehye Lee.

DAY 1 Thursday 30th July

Please take a photo of your table group at some suitable point during day 1 or day 2 and insert at the end of the template.

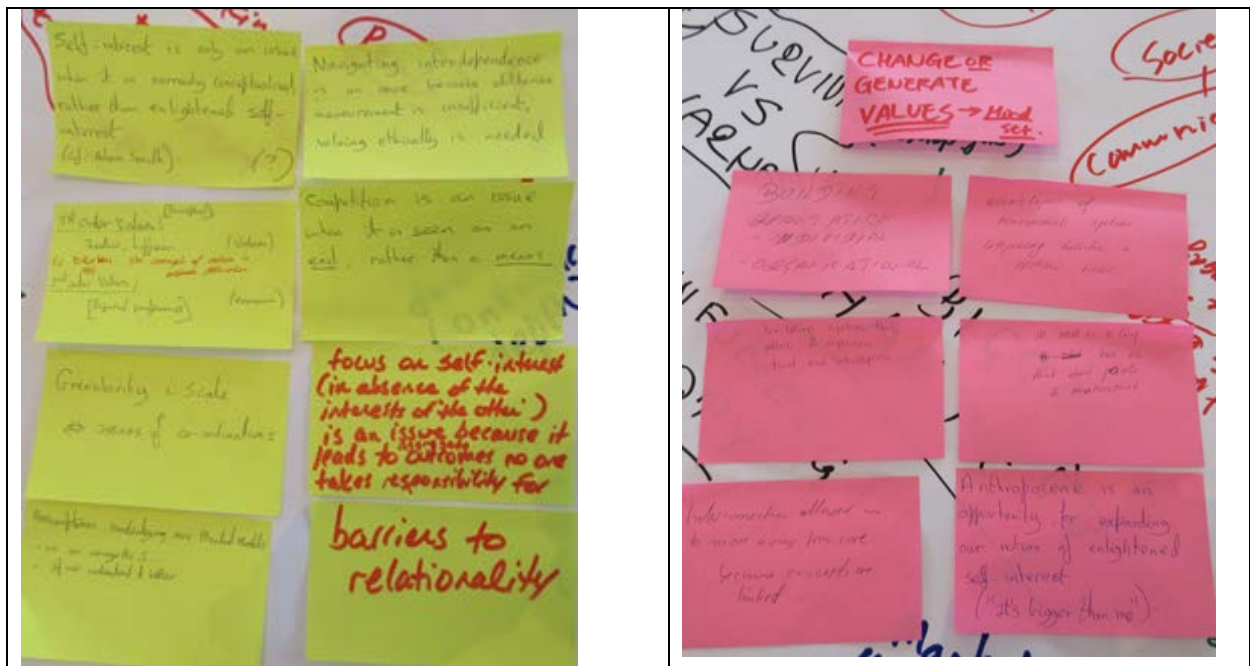| INQUIRY 3 – At the end of this session have all _Issues_ (I) and _Opportunities_ (O) listed from sticky notes on conversation maps – take and insert photos (2) of sticky notes on conversation maps.	
ISSUES – List	OPPORTUNITIES – List
1. Self-interest is only an issue when it is narrowly conceptualized rather than enlightened self-interest;	1. Assemblages of measurement systems: integrating holistic and systemic views;
2. Navigation interdependence is an issue because utilitarian measurement is insufficient; valuing ethically is needed;	2. Building systems that allow to experience trust and interdependence;
3. Competition is an issue when it is seen as an end rather than a means;	3. Creating awareness and understanding of the interconnectedness to move away from core individualism because concepts are linked.
4. Underlying assumption: can we navigate it if we understand it better;	…
5. Money as a mean measure is insufficient.	
Insert Photo 1	Insert Photo2 (if not included in photo 1)

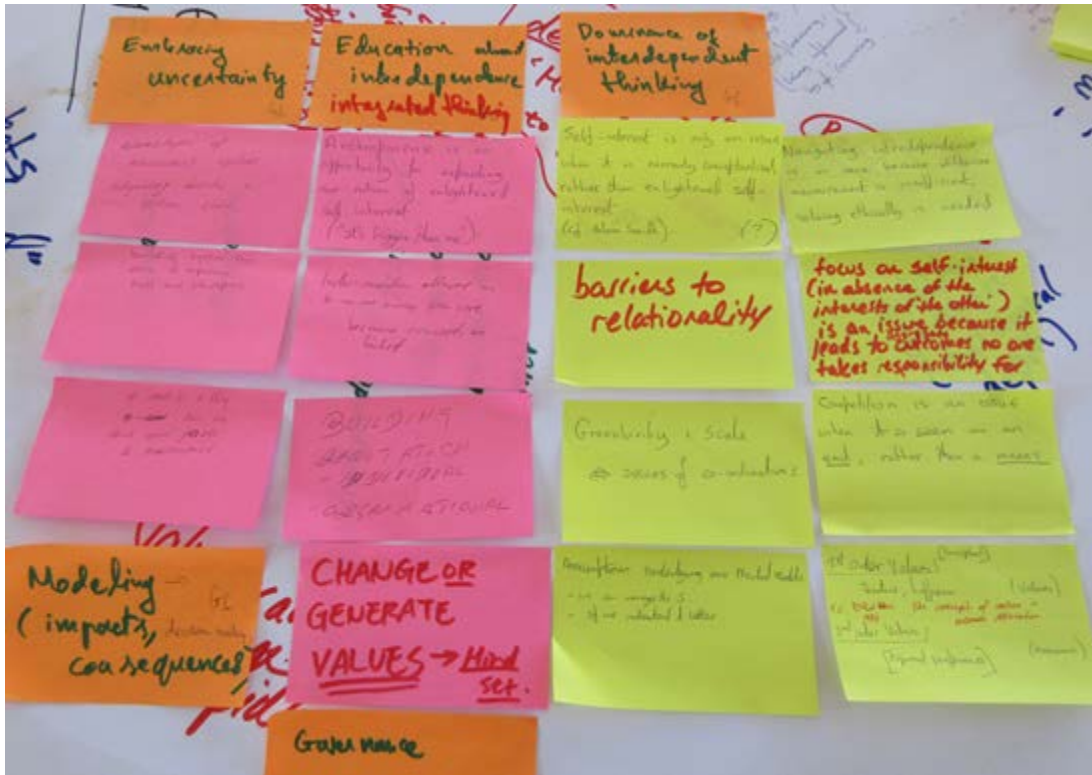| INQUIRY 4 – Update listing of Issues and Opportunities noting any changes to existing ones and adding new ones.	
ISSUES – list 1. Dominance of independent thinking 2. Lack of cooperation	OPPORTUNITIES- list 1 education about interdependence – integrated thinking 2 embracing uncertainty 3 modelling to understand the the impact, consequences and patterns of chance to support decision making
Insert photo 1 of revised conversation map	Insert Photo2 (if not included in photo 1)

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc
We started the discussion with the recognition that Anthropocene is "bigger than me". This led to a debate whether we could even govern the Anthropocene because governing implies a goal orientation. If the goal is profit and the measurement is money, we need to rethink how we think about goals and measurements.

DAY 2 Friday 31st July

Please take a photo of your table group at some suitable point during day 1 or day 2 and insert at end of template

KEY REFLECTIONS ON DAY 1 + NEWS OF DIFFERENCE	
1. REFLECTIONS ON DAY 1 (list here)	
2. NEWS OF DIFFERENCE (list here): Embrace uncertainty, how to teach cooperation, dominance of independent thinking modelling impacts and consequences	
Hosts: Michaela, David	
Pair 1: Melf-Hinrich, Tuan	
Pair 2: Sue, Nathalia	
Pair 3: Igor	
3. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.	
ISSUES – list 1 concept of cybernetics and systems thinking is too far away from ordinary thinking 2 different growth rate	OPPORTUNITIES- list 1 utilize the modern technology to enable better cooperation 2 controlling growth rate to make them comparable 3 use a common language to build consensus and exchange info 4 governing the creation of awareness of interdependence
Insert photo 1 of revised conversation map	Insert Photo2 (if not included in photo 1)

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc

INQUIRY SESSION 5: Update Issues/Opportunities and Reorganise

1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.	
ISSUES – list 1 nothing added 2 3	OPPORTUNITIES- list 1 nothing added 2 3
Insert photo 1 of revised conversation map	Insert Photo2 (if not included in photo 1)

2. Photo of reorganised Issues and Opportunities on new sheet	
Insert photo	
Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc We discussed that it is one thing to move from independency to interdependency, but how can we create systems that allows to move from dependency to interdependency and how might we influence those in power to open up for the idea of interdependency. A solution might be "self-organized" crime and a courageous civil society.	

INQUIRY SESSION 6: Update Issues/Opportunities

1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.	
ISSUES – list 1 not sufficient time to discuss 2 3	OPPORTUNITIES- list 1 not sufficient time to discuss 2 3
Insert photo 1 of revised conversation map	Insert Photo2 (if not included in photo 1)

2. Photo of clusters of Issues and Opportunities on new sheet	
Insert photo	

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc

INQUIRY SESSION 7: Formulating an actionable system

1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.	
ISSUES – list 1 2 3	OPPORTUNITIES- list 1 2 3
Insert photo 1 of revised conversation map	Insert Photo2 (if not included in photo 1)

2. List of subsystems title and opportunities	
Subsystem title	*Opportunities in Subsystem*
Eg Subsystem XX	Opportunities in subsystem XX (list) 1. Create trust-triggering technologies 2. enable, explore and educate interdependency 3. enable civic disobedience and re-purposing 3. diversify measurement, modelling and predicting
Insert photo of finalised set of subsystems and opportunities	

ENABLE AND EXPLORE INTERDEPENDENCE

Embracing uncertainty

CHANGE OR GENERATE VALUES → Mind CO_2

Education about interdependence integrated thinking

Anthropocene is an opportunity for expanding our notion of enlightened self-interest ("it's bigger than me").

CREATE TRUST - TRIGGERING TECHNOLOGY

Technology Make it possible ← to Cooperate

Interconnection allowed us to move away from core because concepts are linked

BUILDING REPUTATION - INDIVIDUAL - ORGANISATIONAL

DIVERSIVY MEASUREMENT + PREDICTING

modeling (impacts, consequences)

CIVIL DISOBIDIENCE + RE-PURPOSING

Self-organized "crime"

REFRAMING NORMS & OBJECTIVES

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc
Using tools to navigate complexity is oversimplifying because it is resisting the complexity and might lead to superficial solution. However, as humans we need to change mindsets about complexity and uncertainty and learn to hold the tension of the unknown as part of evolution.

3. Voting on priority subsystems
Listing on priority subsystems 1. Enable, explore and educate interdependency 2. enable civic disobedience 3. diversify measurements 4. create trust-triggering technology Etc
Insert photo of voting on systems map

Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations, interpretations novel insights which can help interpret voting

PLENARY – Reflections and Priorities

1. Reflections on your inquiry (please list)
2. A priority action relating to the subsystem receiving the most votes - go out and talk about interdependency - establish forum for communication and sharing knowledge and experience - integrate systems thinking in formal and informal education - use systemic thinking in day to day operations - collect good practice and the positive experiences *(we just brainstormed main actions, we did not have time for voting yet).*
Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc
A starting point is to walk the talk!

Please make sure you have taken a photo of your table group at some suitable point during day 1 or day 2

Insert table group photo here:

Insert photo of table group

** Please note: the PhD cohort will meet directly after

the end of day 2 for a short debriefing **

THANK YOU!