

GOVERNING THE ANTHROPOCENE: CYBERSYSTEMIC POSSIBILITIES?

SCHLOSS HERRENHAUSEN, 30-31ST JULY 2015

INQUIRY RECORDING TEMPLATE

Table Number:	One		
Participant Names	Catherine Bateson Helen Wilding Bernard Hubert	Wolfgang Bokelmann Rik Focuson Leemans Simon Ramirez Munoz	Ana Zatezalo Schenk Kwamina Ewur Banson
Recorder Names: (PhD Students + others)	Kwamina Ewur Banson and Ana Zatezalo Schenk		

There will be an opportunity to discuss the template at the informal meeting for PhD students at the Mercure hotel on Wednesday 29th at 20:00. Please meet in the bar.

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

1. The anthropology cannot be governed by personal and societal beliefs but base on the foundation of Moral Laws/Natural Laws
2. Without stakeholders in decision making results in chaos and war
3. Currently less or no system theory in practice

OPPORTUNITIES – List

1. There is a way to deal with complex challenges through cyber systemic possibilities adaptive management
2. Communities can adopt and integrate inter-connected thinking by establishing community garden as a platform for systemic workshops
3. The possibilities of integrating systems thinking practice is high with current world challenges



Photo 1: initial stages of CLD of Cyber Systemic Possibilities



Photo2 : CLD of Cyber Systemic Possibilities

INQUIRY 4 – Update listing of Issues and Opportunities noting any changes to existing ones and adding new ones.

ISSUES – list

1. Disorderliness resulting in depression and anxieties with traditional interventions
2. There is no formal cyber possibilities decision making bodies
3. Technological impact on the Anthropocene

OPPORTUNITIES- list

1. Cyber systemic modelling to super decision making
2. There are access and evident of data of previous environmental dynamics and experiments to use
3. Training and teaching on recycling through local collaborations

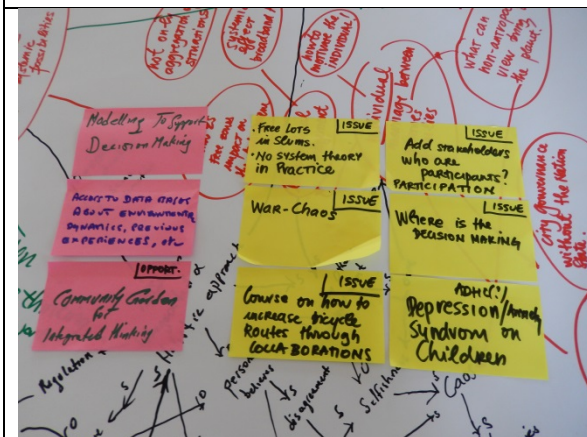


Photo 1 of revised conversation map

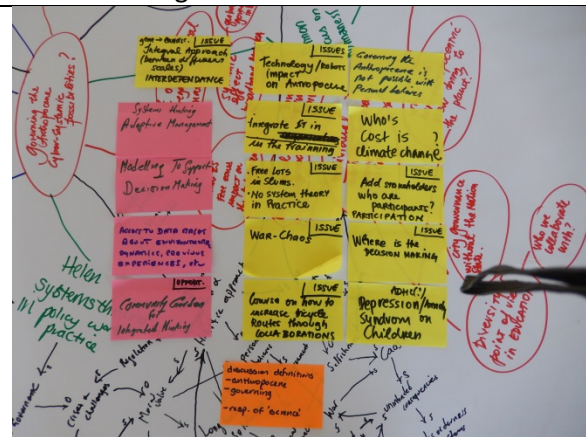


Photo2 (if not included in photo 1)

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

Agreeing on issues and opportunities among us seems impossible as many didn't understand the concept of what the whole exercise is about. However we all agreed that governing the Anthropocene is not possible if it is based on traditional or personal or societal beliefs but on natural or moral laws as it fundamentals. A Cyber systemic intervention is a highly possible opportunity that can be adopted to enhance the Anthropocene governance. This will foster integrated thinking among collaborated stakeholders and provide holistic solution to the system under study. This will override personal believes which can results in disagreements which may lead to chaos and wars

and results in unintended consequences or disorderliness. From our CLD we noticed that integrated systemic approach to govern the Anthropocene based on moral laws or natural laws is in the same direction to cause and effect which may induce systemic adaptive management or resulting in positive feedback or negative consequences in the entire ecosystem. Also the CLD reveals that culture and language are a barrier to Anthropocene governance however, ensuring trust and security will enhance collaboration and foster privileges among stakeholders.

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 (some issues and opportunities were highlighted and clarified which includes building trust, presenting problems and using schemes like CLDs as a process are opportunities while traditional approaches, language and culture are seen as challenges than can inhibit Anthropocene governance)	
2. NEWS OF DIFFERENCE (language builds the dot of reality and invokes understanding, thus linguistic skills can be used in the governance of the Anthropocene as it can go a long way to brake mistrust and foster collaborations):	
<i>Hosts: kwamina Ewur Banson and Ana Zatezalo Schenk</i>	
<i>Pair 1: Overcoming issues of linking different scales (modelling to support decision making, consider technological impacts, systems thinking adaptive management)</i>	
<i>Pair 2: Recognising values of small scale actions (mutual dialogue, community garden for cyber system workshops, components complements each other)</i>	
<i>Pair 3: Responsible scientific inquiries (agreeing on ambiguous concepts, science must be seen as a process not a product, sharing of information and access to database and building trust)</i>	
3. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.	
ISSUES – list <ol style="list-style-type: none"> 1. Systems output become input in another system 2. Getting the media involve 3. Political change simultaneously 	OPPORTUNITIES- list <ol style="list-style-type: none"> 1. Anthropocene possibilities will enable key performances 2. Identifying indicators through collaboration and data gathering 3. Systemic interventions creates multiple benefits 4. Involving stakeholders in decision making induce adoption

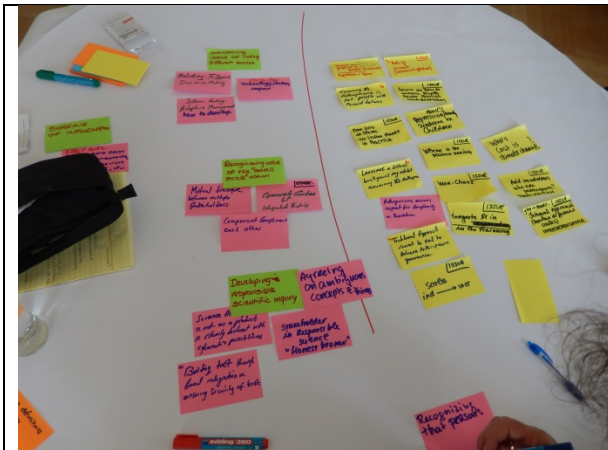


Photo 1 of revised conversation map

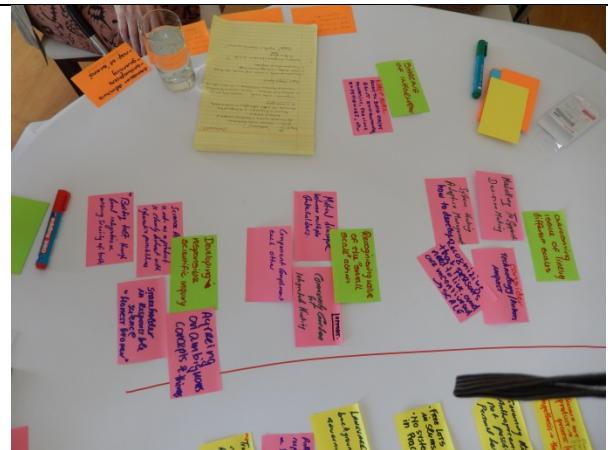


Photo2 (if not included in photo 1)

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

This time there were less arguments and collaboration was better than previous day.

INQUIRY SESSION 5: Update Issues/Opportunities and Reorganise

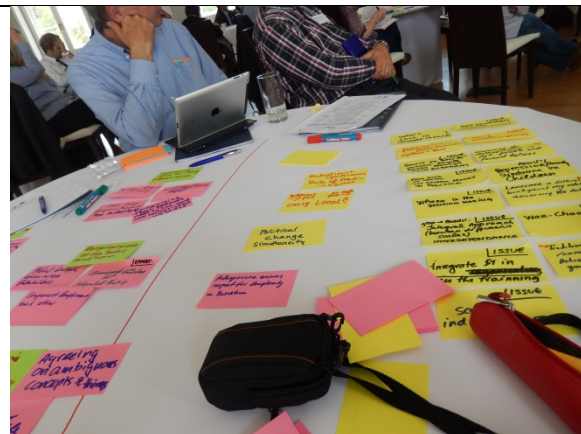
1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.

ISSUES – list

1. Harmonizing technology with nature
2. Poor competence of business models

OPPORTUNITIES- list

1. Redesigning models for systemic future
2. Anthropocene will induce the science of communication and collaboration



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



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

Agreeing was more than disagreeing and each other suggestion is respected more

INQUIRY SESSION 6: Update Issues/Opportunities

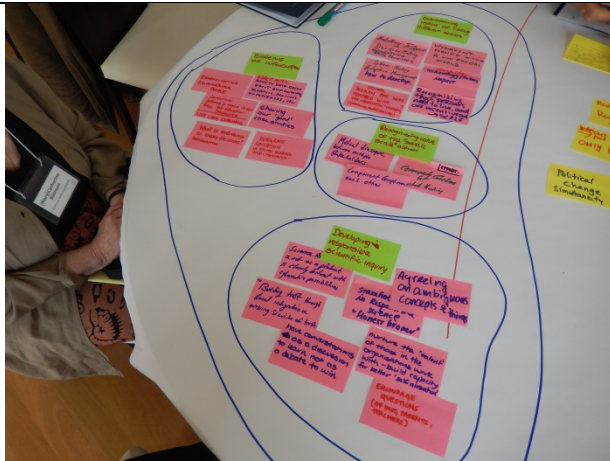
1. Update listing of Issues and Opportunities - noting any changes to existing ones and adding new ones.

ISSUES – list

1. Human are part of nature and have to orient themselves to it

OPPORTUNITIES- list

1. Promote cybernetics and bionic approaches to management



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



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

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:



**** Please note: the PhD cohort will meet directly after
the end of day 2 for a short debriefing ****

THANK YOU!