

**GOVERNING THE ANTHROPOCENE: CYBERSYSTEMIC POSSIBILITIES?
SCHLOSS HERRENHAUSEN, 30-31ST JULY 2015**

INQUIRY RECORDING TEMPLATE

Table Number:	10
Participant Names	Stella Lobo (1), Markus Arzberger (2), Raul Espejo (3), Jenneth Parker (4), Louis Klein (5), Orn-uma Polpanich (6), Terje Fossnes (7), Claudia Pahl-Worstl (8)
Recorder Names: (PhD Students + others)	Orn-uma Polpanich, Markus Arzberger

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 Disorganised chaotic conversations because we need different viewpoints.
- 2 We need systemic experts who can advise.
- 3 Premature closure because it reduces the opportunity for deeper reflections.

OPPORTUNITIES – List

- 1 Interdependence and freedom because it relates and opens us to creativity.
- 2 Build reflection and deliberation to reach consensus views and actions.
- 3



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.

<p>ISSUES – list</p> <p>1 Sound-bite experts are over-valued in media soaked culture.</p> <p>2 Premature closure because it reduces opportunities for deeper reflections</p> <p>3</p>	<p>OPPORTUNITIES- list</p> <p>1 Add Strength to environmental organistions to strength institutions.</p> <p>2 Build reflections and deliberations to reach consensus views/actions</p> <p>3</p>
<p>Insert photo 1 of revised conversation map</p>	<p>Insert Photo2 (if not included in photo 1)</p>

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

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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)

- Different terminologies to use when talking about governance.
- Sources of diversification and confusion when thinking systemic.
- People with cybernetic/systemic background helped to connect other disciplines better than other expertise.
- How much can we bring out from what we're doing to materialise and make differences from other communities (everyone work together from CEO to individual)?
- What have we been doing in the past 100 years without really doing anything? Now we're getting scared to do things?

2. NEWS OF DIFFERENCE (list here): is possible the anthropocene at all? Deconstruct words (exploring), Discussion of the Anthropocene itself,

Hosts: 11,12,13

Pair 1: (table 11) Comparison of our current issue (governing the anthropocene) to a meeting with a sea dragon. Best practice: Do not panic! Also take the time to get understood about the situation(s)/problems(s) in order to find out better solutions. Because, many things that we are not preparing for.

Pair 2: (table12) Do we have the capacity to govern the Anthropocene? Political feasibility of anthropocene governance? Institutional capabilities for transformation. Individual vs collective decision. Worldview: humans role in nature

Pair 3: (table 13) earth as a ship-global government, the earth will become self-organized. Systems earth analogy of organisms (living) setting views to deal with economic growth (attitudes) engaging with model is playing

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

ISSUES – list

- 1 see news of difference
- 2
- 3

OPPORTUNITIES- list

- 1
- 2
- 3

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.

<p>ISSUES – list</p> <ol style="list-style-type: none"> 1 Engaging with model is playing 2 System earth analogy of living organisms 3 Earth as a ship – global governance that the earth will self-organize 4 Political feasibility of anthropocene 5 Have the capacity to govern the anthropocene 6 Institutional capacities for transformation 7 Individual vs collective decisions 	<p>OPPORTUNITIES- list</p> <ol style="list-style-type: none"> 1 Set values to deal with economic growth (attitudes) 2 Worldview: human role in nature 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	

INQUIRY SESSION 6: Update Issues/Opportunities

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

<p>ISSUES – list</p> <ol style="list-style-type: none"> 1 Deconstruct words (exploring) 2 need systemic experts who can advise 3 simplification of the message and language used because it is very difficult for Leyman to understand 	<p>OPPORTUNITIES- list</p> <ol style="list-style-type: none"> 1 2 3 aggregate the goals/objectives and make work tasks for different actors in the society because we need to work towards defined and understood goals
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	
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Please Insert any additional Narrative elements here – e.g. agreements, disagreements, explanations novel insights etc

2 role of system thinking people

3 We should know what words we are using when dealing with issues, what they mean to get better understood.

objectives of what we are trying to solve problems that organization, government, research institutes (for examples) need to define and understand the common goals

INQUIRY SESSION 7: Formulating an actionable system

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

<p>ISSUES – list</p> <ol style="list-style-type: none"> 1 2 3 	<p>OPPORTUNITIES- list</p> <ol style="list-style-type: none"> 1 New generation of expertise for co-production 2 Research to understand the anthropocene because we need the steps to more precise research 3 system approaches mean for developed sectoral society 4 research necessary for more opportunities for circular economy 5 Political economy (economic and power) of the circular economy
<p>Insert photo 1 of revised conversation map</p>	<p>Insert Photo2 (if not included in photo 1)</p>

2. List of subsystems title and opportunities

<i>Subsystem title</i>	<i>Opportunities in Subsystem</i>
<p>Eg Subsystem XX</p>	<p>Opportunities in subsystem XX (list)</p> <ol style="list-style-type: none"> 1. 2. 3. etc
<p>Perform research ideas</p>	<ol style="list-style-type: none"> 1 research necessary for more opportunities for circular economy 2 Political economy (economic and power) of the circular economy 3 aggregate the goals/objectives and make work tasks for different actors in the society because we need to work towards defined and understood goals 4 system approaches mean for developed sectoral society 5 Set values to deal with economic growth (attitudes)
<p>Build capacities and find techniques</p>	<ol style="list-style-type: none"> 1 Add strength to environmental organizations to stretch institutions 2 Build reflections and deliberations to reach consensus views/actions
<p>Explor ethos/methodology</p>	<ol style="list-style-type: none"> 1 Establish new generation of expertise for co-production 2 Build (democratic) collaboration networks, listening to all actors
<p>Conduct conceptual/philosophical research</p>	<ol style="list-style-type: none"> 1 investigate worldview: human role in

	nature 2 build interdependence and freedom because it relates and opens us to creativity 3 research to understand the anthropocene because we need the steps to more precise research
Insert photo of finalised set of subsystems and opportunities	

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

3. Voting on priority subsystems
Listing on priority subsystems 1. Conduct conceptual/philosophical research 2. Perform research 3. Explore ethos/methodology 4. 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
However, the group agreed that the connection and relationship of the subsystems are looped and provided feedback

PLENARY – Reflections and Priorities
1. Reflections on your inquiry (please list)
2. A priority action relating to the subsystem receiving the most votes
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:

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!