

# Net-zero 3.0 / Green New Deal 3.0

## Climate-wise notes

FOLLOW-UP – CLIMATE CHANGE / ALL CHANGE - FEB 4<sup>TH</sup> 2022

*(Apologies for access problems – other events also had Eventbrite problems – best thing seems to NOT do the automatic online function, just keep the zoom link ‘manual’ by email.*

Greetings and many thanks for contributions last week at the <https://sites.manchester.ac.uk/synergistics/foresight-climate-futures/> - much food for thought!!

(with apologies for gender imbalance... .previous event the other way...)

Some follow up at the Sustainable Futures 10<sup>th</sup> Feb - ***Beyond COP26 - tools for a ‘collective climatic intelligence’***: <https://bit.ly/3pJvmga> - also with dialogue around [in-search-of-climate-politics/](#)

### SOME STRUCTURAL FEATURES

- a) Climate change, as an existential threat, is likely to exacerbate / entangle with existing conflicts & divisions in STEEP (social, technology, economic, political, cultural) systems (*‘big bad world effect’*)
- b) Climate policy is both a scientific-technical ‘single issue’, & crucial to the transformation (ad hoc or intentional) of other STEEP systems
- c) So climate policy is deeply political, & is also contested or ‘de-politicalized’. There are similar effects for social, technology, economic, cultural systems (‘socialized / de-socialized’, etc)
- d) So... beyond the boundary of ‘climate single issue’ policy, there is an extended zone for collective dialogue, learning, co-creation & co-production (by default, with little alternative)
- e) However such dialogue is challenged by other cross-cutting agendas: firstly the making of money / power / ideology / other values in other systems. The result is climate policy & action may be ‘hijacked, diverted or blocked’.
- f) So in this light - *‘collective climatic intelligence’* – is (a) collaboration of actors & factors in the ‘single issue’ zone – but more importantly (b) – the capacity for such extended dialogue,

learning, co-creation & co-production, engaging in transformation with other zones (*sooner or later we have to talk with Trump voters in the 'big bad world'*).

- g) E.g. current example, national food systems transformation project  
<https://www.mui.manchester.ac.uk/research/projects/food-21c/> : we focus on climate mitigation / adaptation – we also focus on the many dimensions & dynamics of food systems which drive them. (*chewing gum / walking at the same time...*)

## COMPARATIVE FRAMEWORK

Interesting to compare the McKinsey '9 system conditions' as discussed (working paper #1) with this state of art analysis, on why 'we' haven't bent the emissions curve, with 9 (again) different 'lenses'.  
<https://www.annualreviews.org/doi/abs/10.1146/annurev-environ-012220-011104>

The previous matrix can be applied to such 'lenses', with overall goals such as .... *"Transformations toward more sustainable and just futures require a radical reconfiguration of long-run sociocultural and political-economic norms and institutions currently reproducing the very problems driving climate change."*(p28)

<b>9 'Lenses'</b>	<b>CO-EVOLUTIONARY MODE 3.0 APPROACH</b>
<b>GOVERNANCE, GEOPOLITICS, AND VESTED INTERESTS (THE DAVOS CLUSTER)</b>	
• 3.1. International Climate Governance	collaborative (co) governance transformation pathways
• 3.2. The Vested Interests of the Fossil Fuel Industry	Sectoral / financial transformation pathways
• 3.3. Geopolitics and Militarism	Peace & reconciliation pathways (this is really tricky)
<b>4. ECONOMICS, MITIGATION MODELING, AND ENERGY (THE ENABLER CLUSTER)</b>	
• 4.1. Economics and Financialization	New forms of socio-eco-economics 3.0
• 4.2. Mitigation Modeling	transdisciplinary Science 3.0 approaches
• 4.3. Energy Supply Systems	Technology transformation pathways
<b>5. EQUITY, LIFESTYLES, AND IMAGINARIES (THE OSTRICH / PHOENIX CLUSTER)</b>	
• 5.1. Inequity	Socio-economic transformation pathways
• 5.2. High-Carbon Lifestyles	Socio-cultural transformation pathways
• 5.3. Social Imaginaries	Most volatile & possible starting point....
<i>(for details see</i>	<a href="https://doi.org/10.4324/9781315765860">https://doi.org/10.4324/9781315765860</a>

## SOME QUESTIONS OUTSTANDING

- Global science & carbon budget analysis – (Kevin) - massive transformation needed for 1.5 / 2 degrees – seems unlikely in the time available – what then??
- Local programs in GM (Mark) – looks great .... but unlikely – are there stress-tests & ‘what could go wrong’ tests, not only technical but socio-political? Could the above ideas help to make it work?? Could we turn it towards a £84bn opportunity?
- Transition in fossil rentier economies (Sayeed): with COP27 in Egypt & COP28 in UAE, the stakes are high: does progress depend on helping the oil/gas billionaires appreciate their assets??

## IMPLICATIONS FOR METHOD

- Could the role-play / ‘wrong questions’ be a powerful way to explore this bigger picture – i.e. *‘how to make money / power out of the climate crisis?’*
- Could we develop new forms of associative / deliberative governance / evidence – i.e. distributed networked online knowledge & debate – (of which the current Lab is a very crude beginning)
- Worked examples – 12 funded projects in 5 years – potential for more – (but funding this kind of project can be challenging)
- Demonstrations – could we produce tangible visions / pathways for each of these 9 lenses / 9 system conditions / 6 domains?? What would that take?

## IMPLICATIONS FOR NEXT STEPS

A Climate-wise medium term program can be sketched –

- dialogues – exploring the above ‘distributed networked’ approach
- worked example – demo projects continue – loop in work by others where relevant
- demonstrations – to discuss

## NEXT MEETING

***proposed Friday 6<sup>th</sup> May 2022 - save the date*** – 2pm UK time (tbc)

- (mid-point between COP26 & 27)
- Contributions to be invited, on experience (so far) of the *collective climatic intelligence* - ideas & links welcome

## CIRCULATION –

Participants & invitees – Climate-wise 3.0, Green New Deal 3.0, Bio-regional 3.0, Food 3.0 & others in the [Eco-wise](#)

## LINKS

- Materials, recording etc: [https://www.dropbox.com/sh/r2inf3dwtkemdqm/AAA16-kPfQksytrN9dj\\_Hnyja?dl=0](https://www.dropbox.com/sh/r2inf3dwtkemdqm/AAA16-kPfQksytrN9dj_Hnyja?dl=0)
- Lab space (view only) - <https://app.mural.co/t/collaboratorium2552/m/collaboratorium2552/1643964776165/281188970296b1fcb0f8aaf84dfcd4c1141aa342?sender=joeravetz1985>
- Follow up - [Climate-wise](#) - program of the [Laboratory for collective intelligence](#).
- Source text - [Deeper-City: Collective-Intelligence-and-the-Pathways-from-Smart-to-Wise](#)