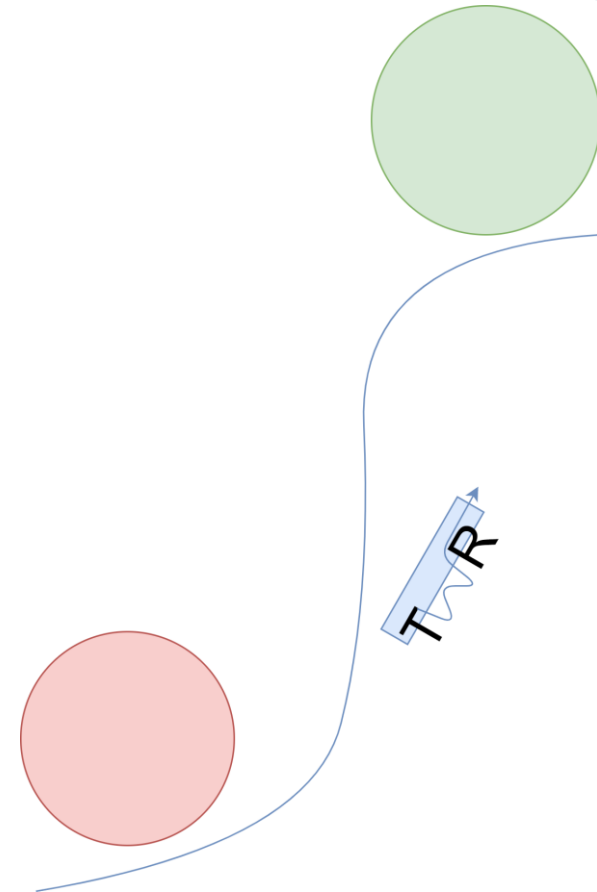


# Societal Transformations

IIASA's ongoing

**Transformations within Reach** initiative

<https://iiasa.ac.at/projects/TwR>

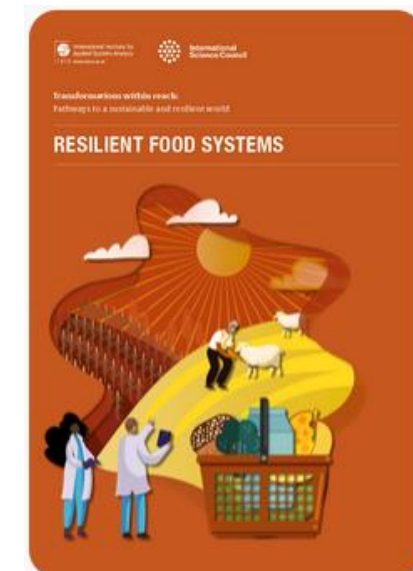


14th International Conference of the European Society for Ecological  
Economics

Pisa, Italy  
June 14 to June 17, 2022

# A follow-up to IIASA-ISC Phase-I

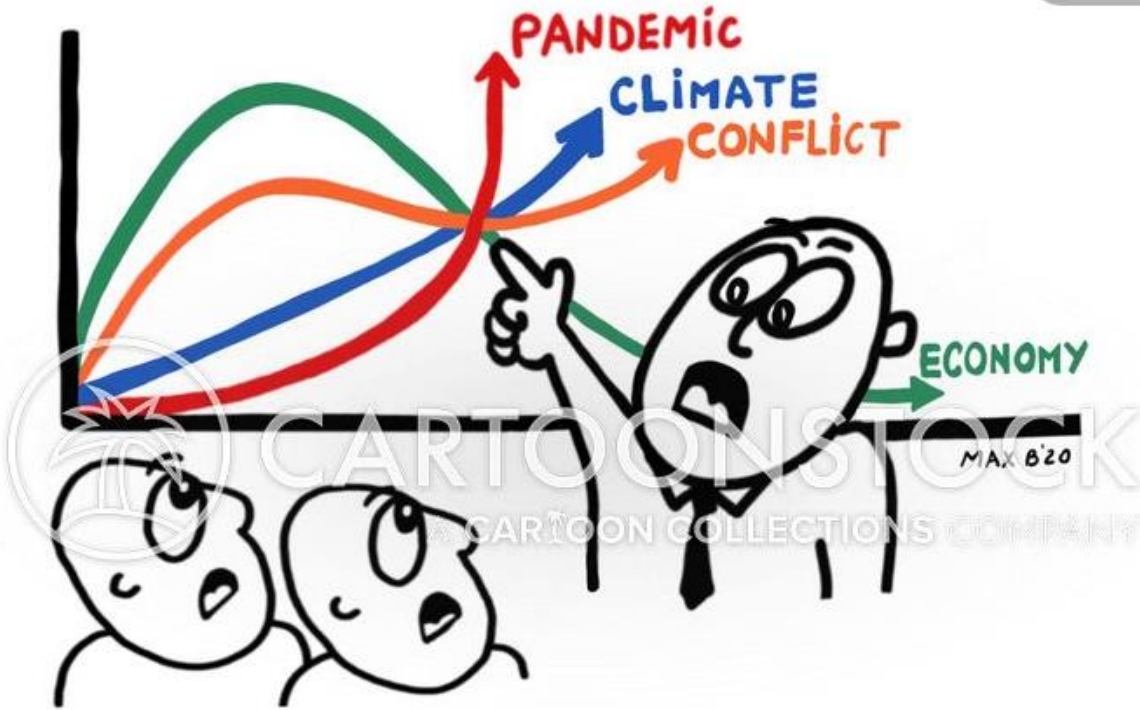
Four thematic areas for post-COVID-19 recovery and synthesis report with key recommendations



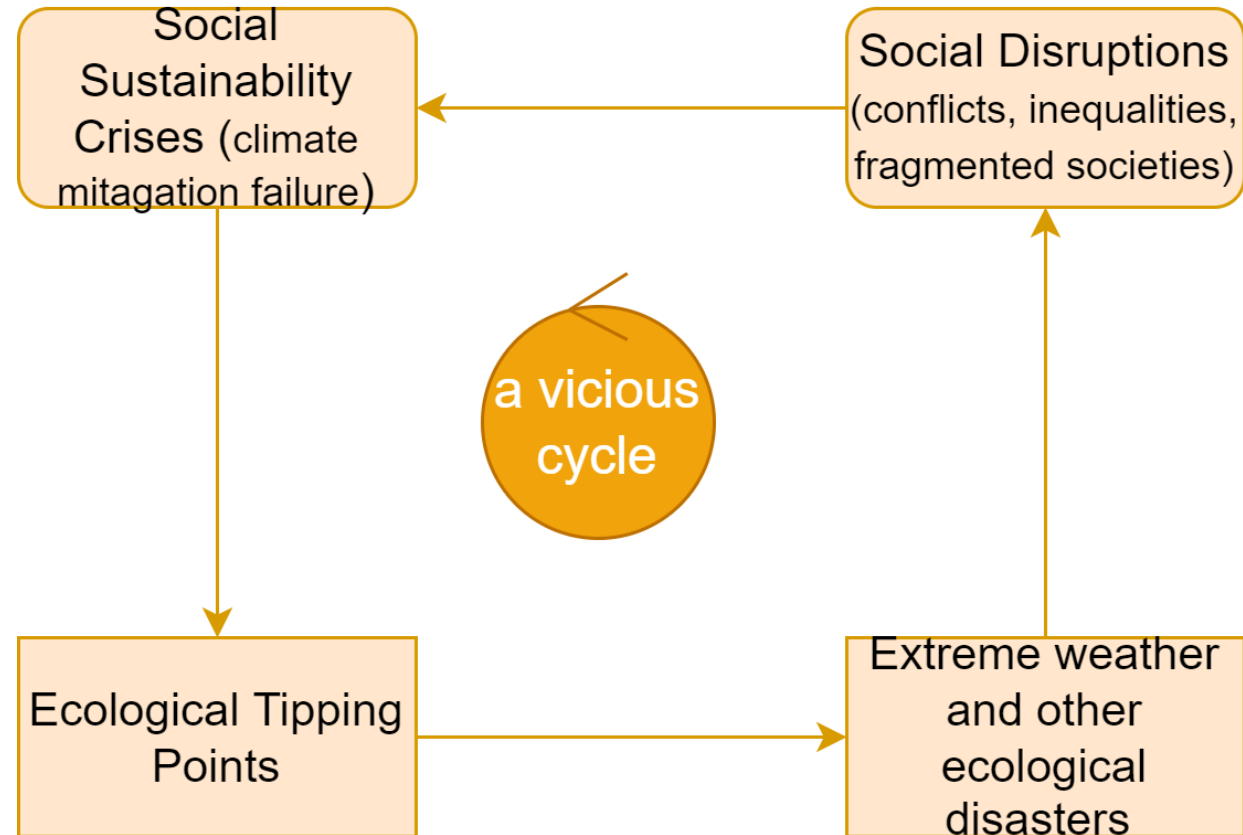
<https://covid19.iiasa.ac.at/isc/outcome>

Further research need... (a question many of us are grappling with):  
**how to catalyse transformations?**

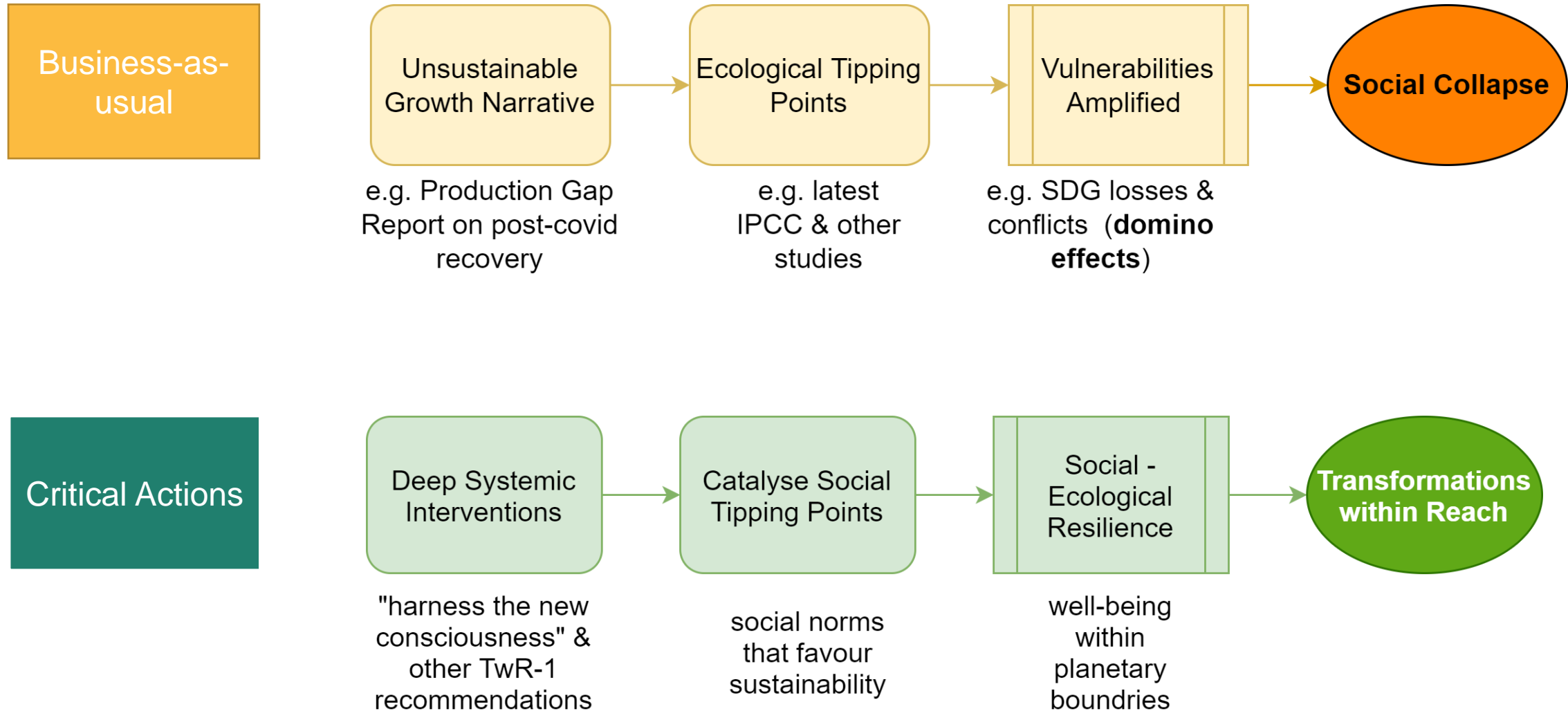
# Phase II - Situational Assessment



- The disasters are collaborating better than we are!

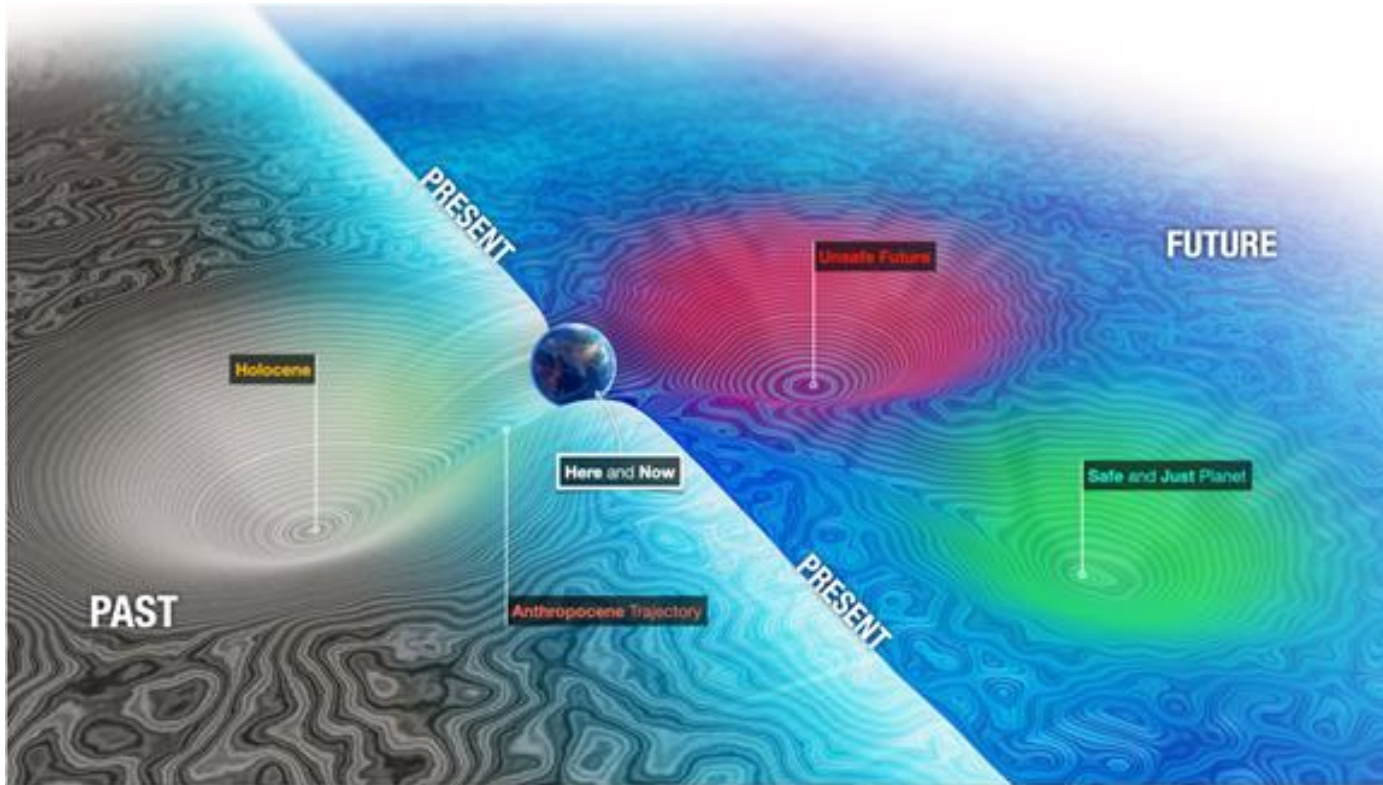


# Two choices: Societal transformation or collapse



# A critical juncture

From Rockström et. al 2021:



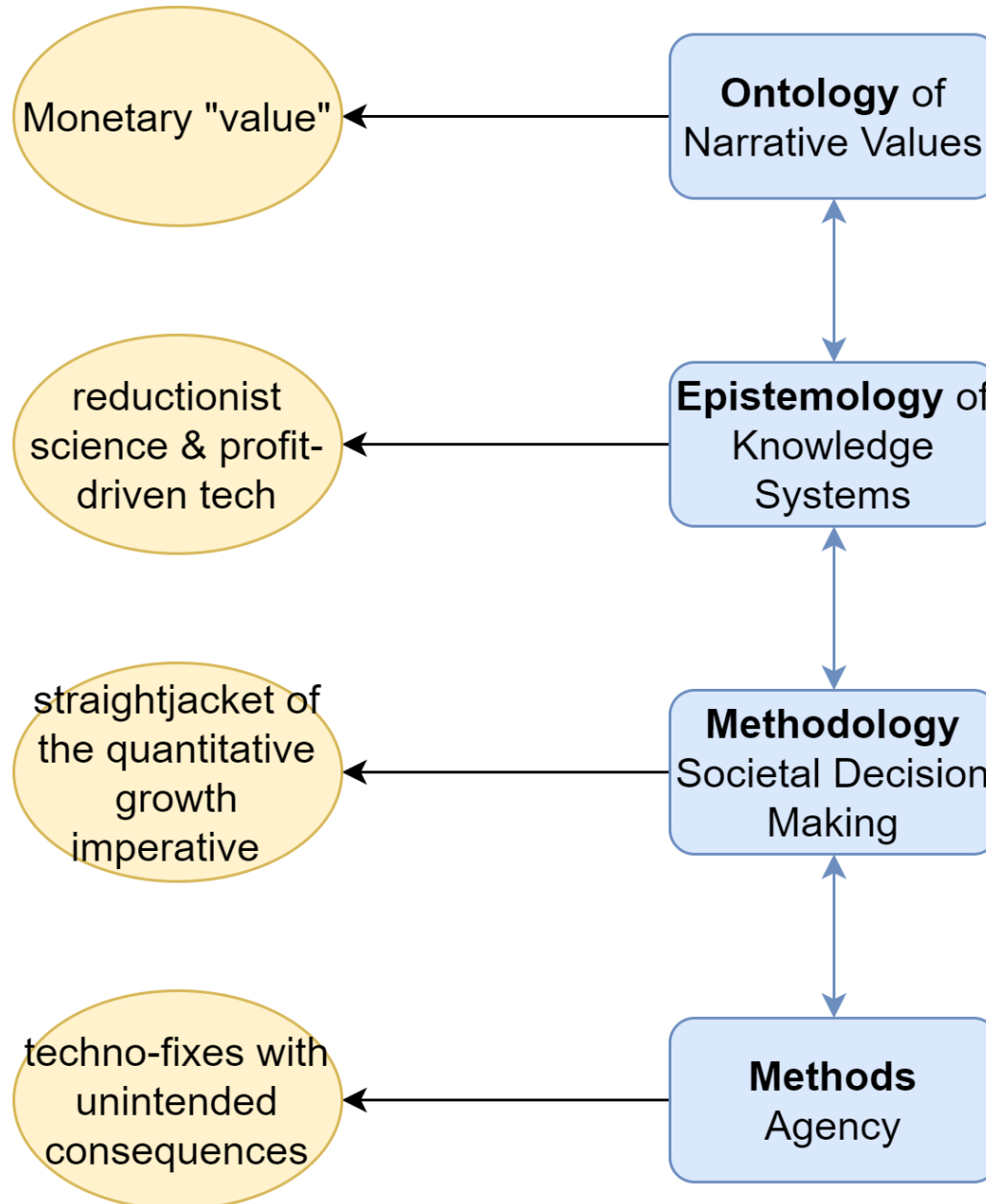
Critical actions during transitions between '**basins of attraction**' can orient systems toward very different futures (van der Leeuw & Folke, 2021).

While ongoing crises limit **conventional** agency (e.g. by furthering fiscal constraints), they open up prospects for more **transformational** paradigm shifts.

To facilitate emergent transformations, we need a better synthesis of **societal dynamic that has lead us to social sustainability crises**



# CR and philosophy of science frameworks for synthesis

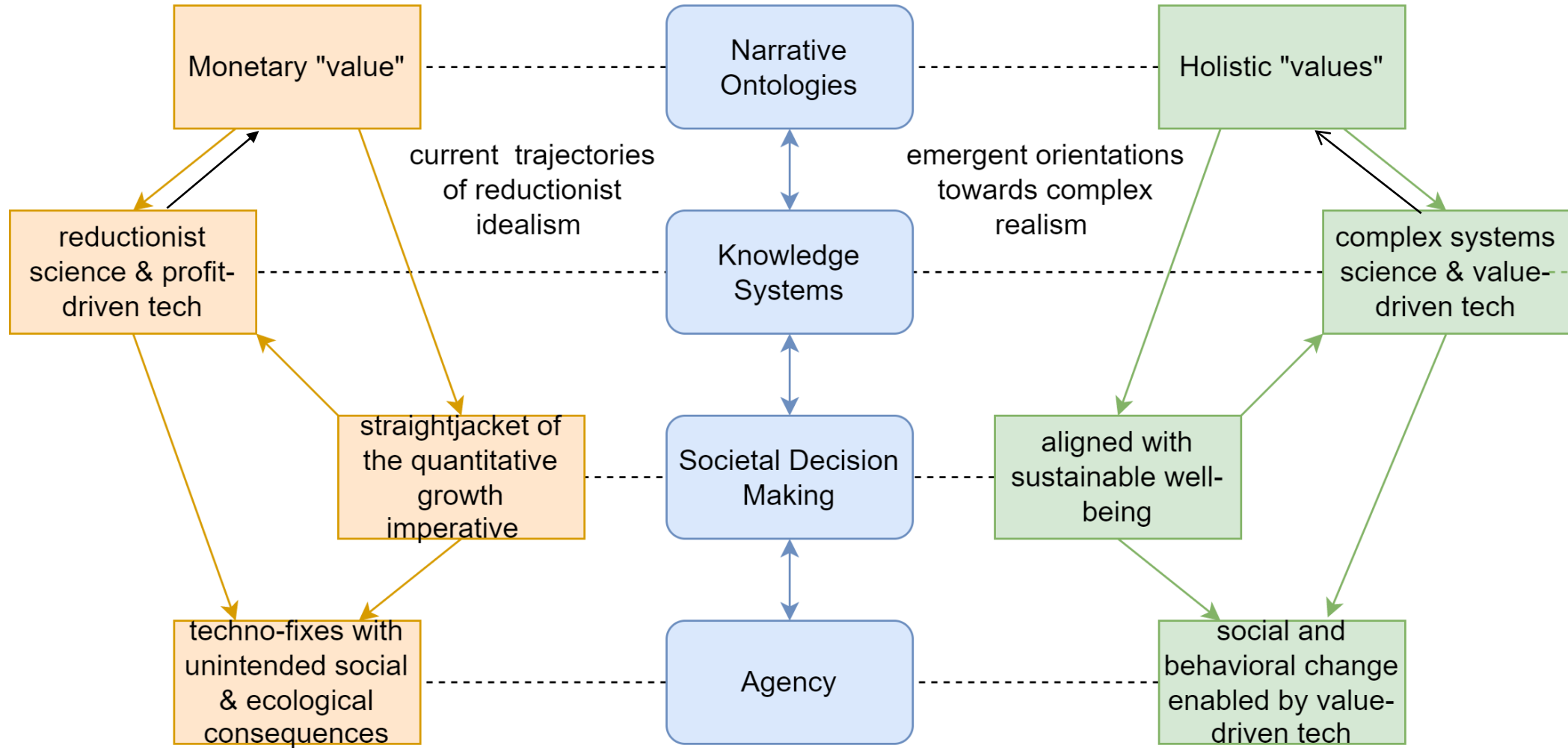


**In a nutshell:**  
**Hegemony of Modernity ~ reductionist idealism**  
 emerging from modern scientific method and perpetuated by industrial capitalism  
 e.g. focus on emissions

Caveats:

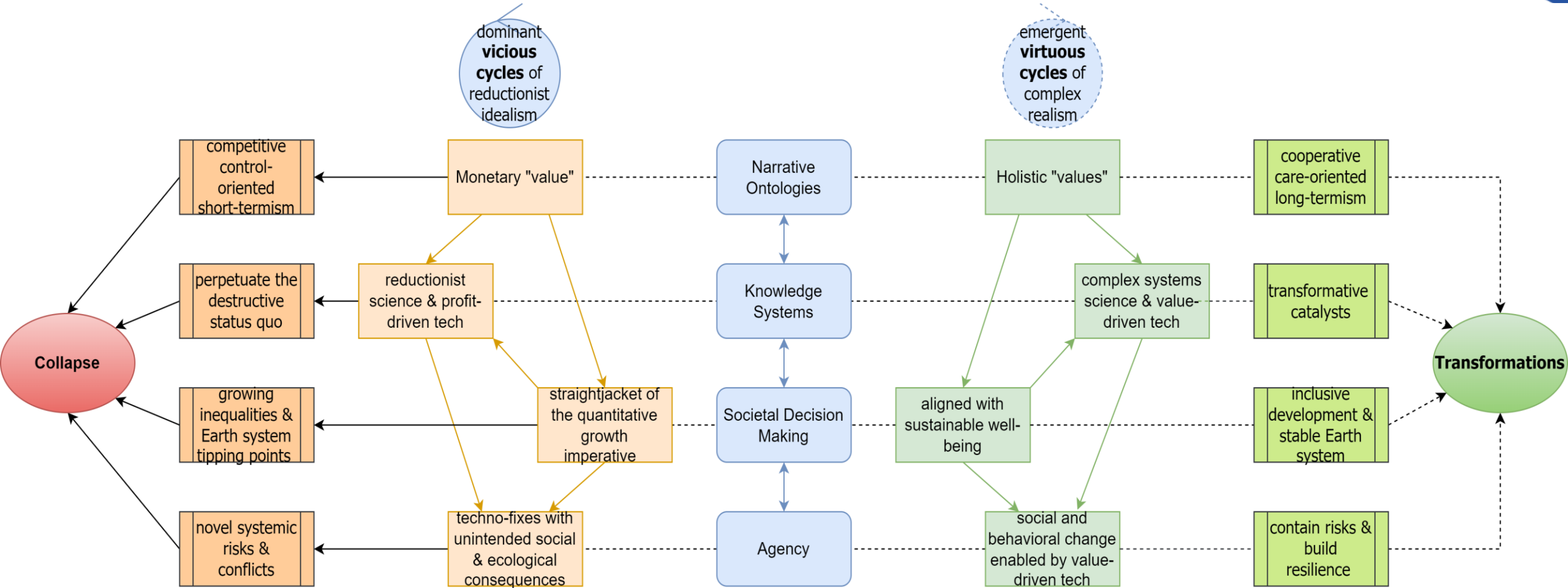
- Multiplicity of narratives (the basin of attraction)
- Effective and desirable up to a point...

# Societal dynamic



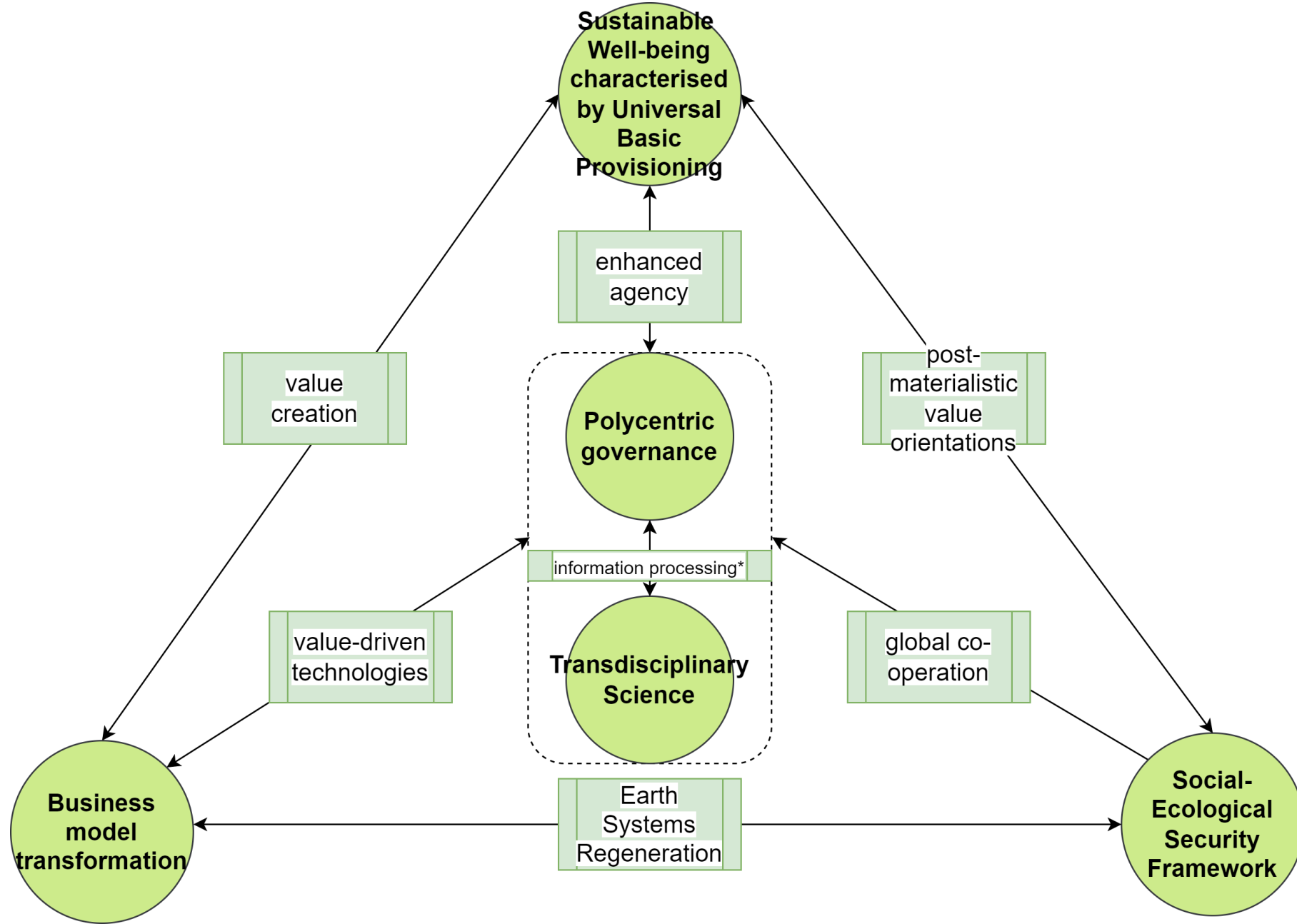
**International efforts so far...constrained !**

# Collapse or transformation

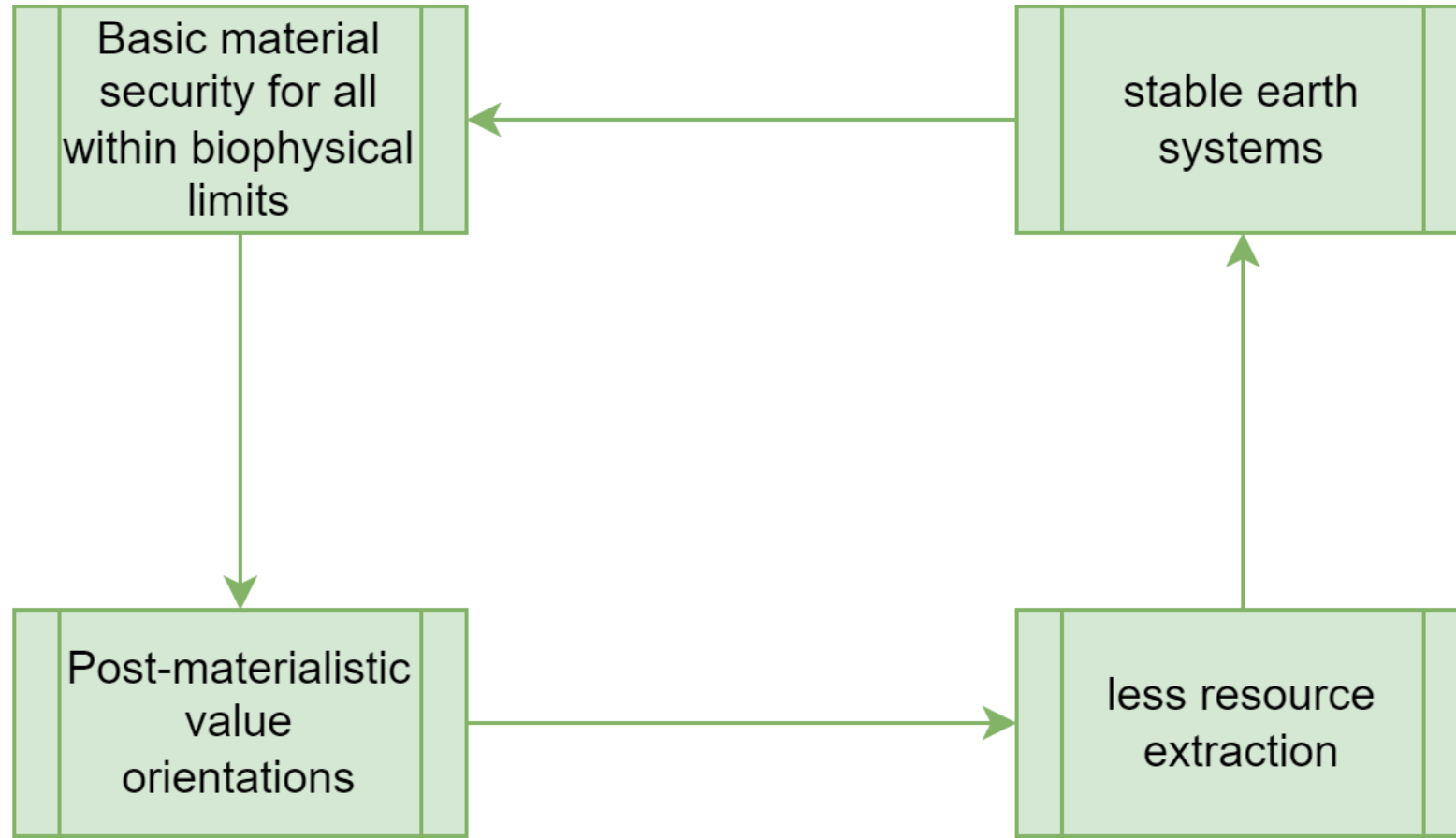




# Catalysts for transformation [preliminary!]



# A Virtuous Cycle



# Thank you!



We need your valuable inputs for catalysing transformations

## 1. **Our community-sourcing tool**

<https://transformationswithinreach.org/survey>

2. Our workshops: Community of Science and Practise, any other suggestions and questions!

[patil@iiasa.ac.at](mailto:patil@iiasa.ac.at)

“ I can see no other escape from this dilemma than that some of us should venture to embark on a synthesis of facts and theories, albeit with second-hand and incomplete knowledge of some of them—and at the risk of making fools of ourselves. ” — Erwin Schrödinger, What Is Life?

**Pratik Patil**  
ASA, IIASA

<https://iiasa.ac.at/staff/pratik-patil>

# Appendix: evolution of technologies

