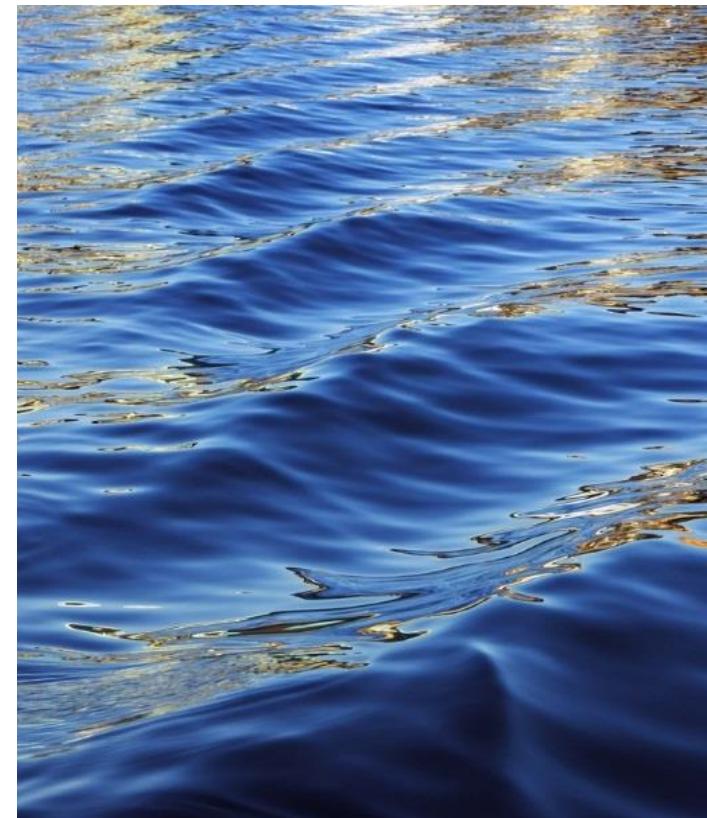




Hvordan kan vi få til endringer som er bærekraftige og rettferdige?

Karen O'Brien
Universitetet i Oslo

Det Norske Videnskaps-Akademi
Hva er en god vei mot en grønn framtid?
1 november 2023



Ambio
<https://doi.org/10.1007/s13280-023-01873-w>



Fractal approaches to scaling transformations to sustainability

GETTING TO SOLUTIONS: MOVING BEYOND THEORY TO PRACTICAL METHODS FOR CHANGE

Karen O'Brien¹, Rosario Carmona, Irmelin Gram-Hanssen,
Gail Hochachka, Linda Sygna, Milda Rosenberg

Sustainability Science
<https://doi.org/10.1007/s11625-021-01016-8>

SPECIAL FEATURE: NOTE AND COMMENT

The "How" of Transformation: Integrative Approaches to Sustainability

Getting to the heart of transformation

Coleen Vogel¹ · Karen O'Brien²

Ambio
<https://doi.org/10.1007/s13280-020-01468-9>



Reflecting on the Anthropocene: The Call for Deeper Transformations

This article belongs to Ambio's 50th Anniversary Collection. Theme: Anthropocene

Karen O'Brien

One Earth

Perspective

Transforming Sustainability Science to Generate Positive Social and Environmental Change Globally

Paul Shrivastava,^{1,*} Mark Stafford Smith,² Karen O'Brien,³ and Laszlo Zsolnai⁴



Beyond "blah blah blah": exploring the "how" of transformation

Julia Bentz^{1,2} · Karen O'Brien³ · Morgan Scoville-Simonds⁴

Available online at www.sciencedirect.com

ScienceDirect



Is the 1.5°C target possible? Exploring the three spheres of transformation
Karen O'Brien





Transformations Conference 2023

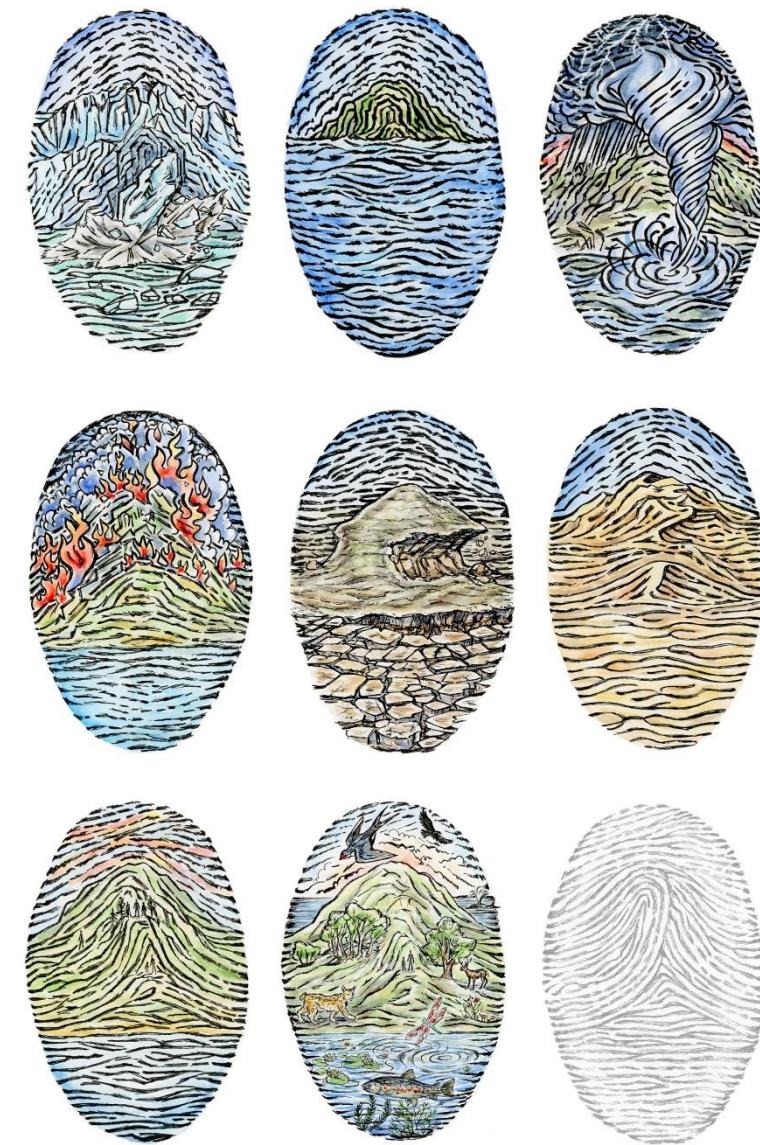
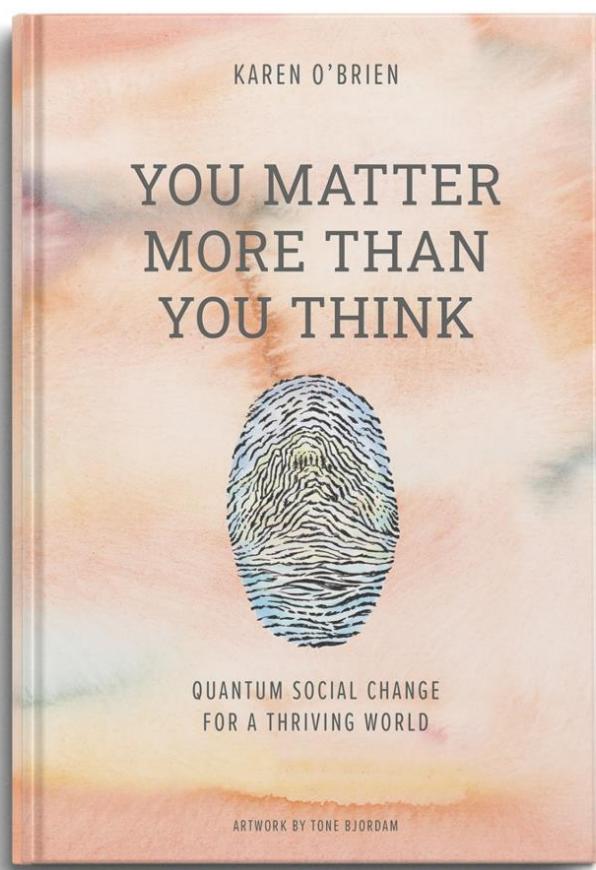
Sydney, Australia & online - 12th to 14th July 2023

The 2023 Transformations Conference explored the role of partnerships in transformative practice. It looked for ways to build partnerships that were more effective, inclusive, and transformative.

Explore TC 23

TRANSFORMATIVE
PARTNERSHIPS FOR A
BETTER WORLD





Assessing the underlying causes of biodiversity loss and the determinants of transformative change and options for achieving the 2050 Vision for Biodiversity



Transformative change: a fundamental, system-wide reorganization across technological, economic and social factors, including paradigms, goals and values (IPBES 2019).



Overall objectives of the report



- Assess the **determinants of transformative change, how it occurs, which obstacles it may face, and how these obstacles can be overcome.**
- Assess and **compare different visions, scenarios, and pathways for a sustainable world**, in line with the 2050 Vision for Biodiversity.
- Assess **practical options for action** to foster, accelerate and maintain transformative change

The transformative change assessment

- Runs from 2021 to 2024
- 102 authors from around the world
- Technical support unit in Montpellier, France
- Two external review periods

4 DECEMBER 2023 - 28
JANUARY 2024

Second external review of the
transformative change assessment

5 chapters
Summary for
policymakers



Hvordan forstår vi og skaper vi transformativ endring i dag?

Hvilket problem er det egentlig vi prøver å løse?

Ulike løsningsbilder



Et teknisk problem?

Et sosialt problem?

Et menneskelig problem?

Et teknisk problem?



Et sosialt problem?



Et menneskelig problem?

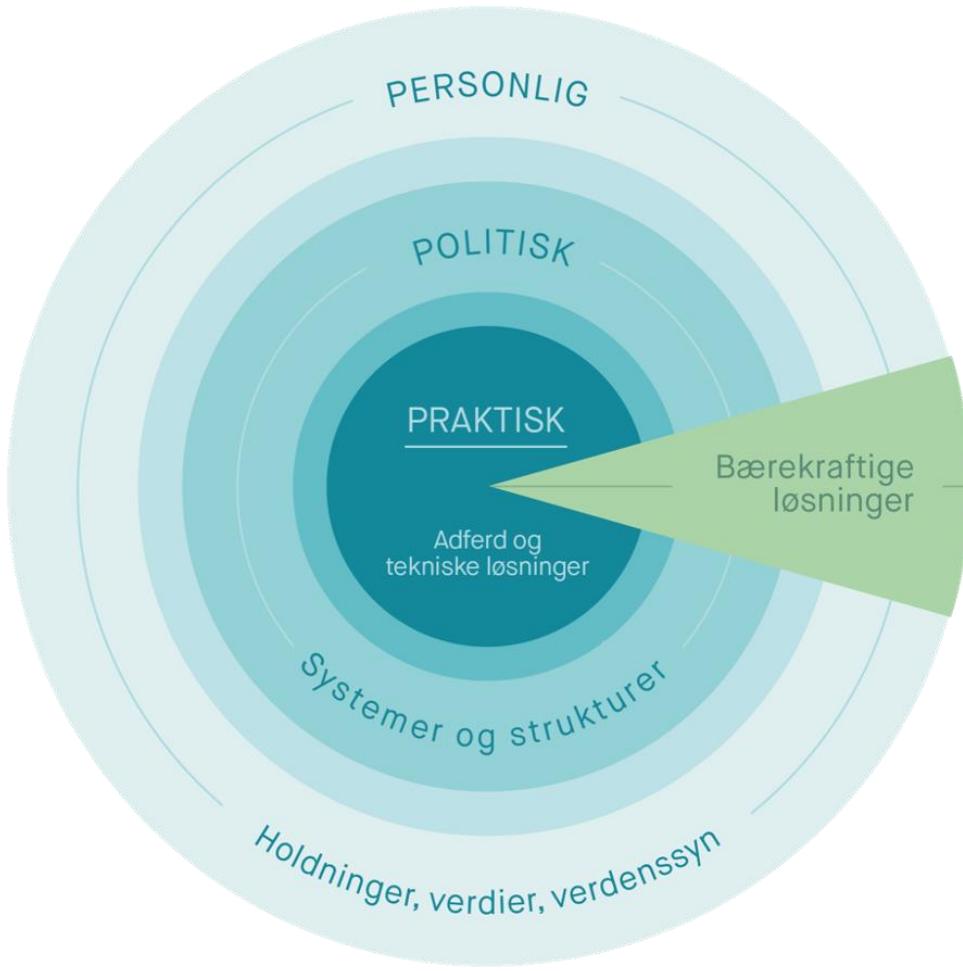


Klimaendringer og tap av biologisk mangfold er alle disse problemene!

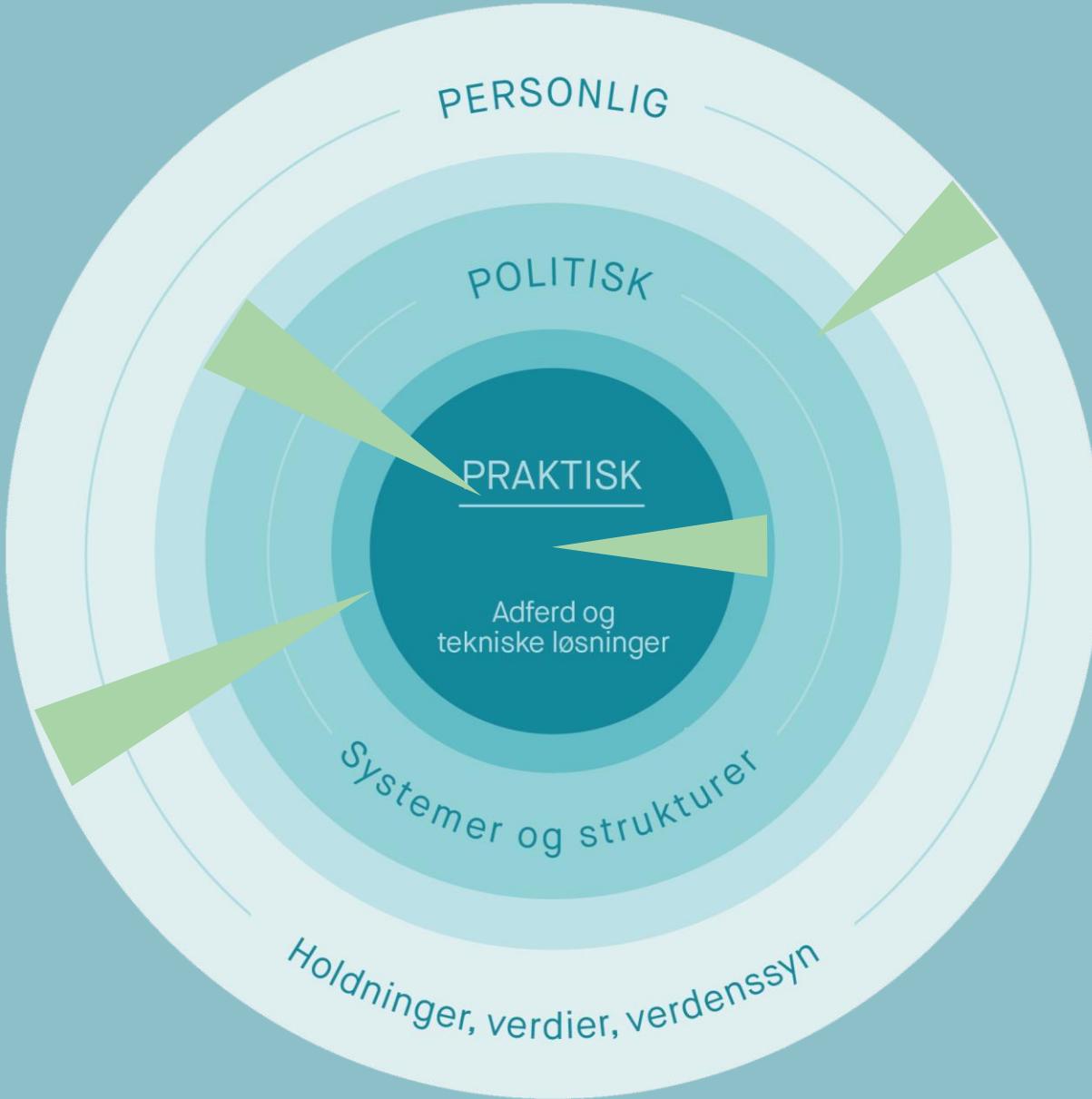


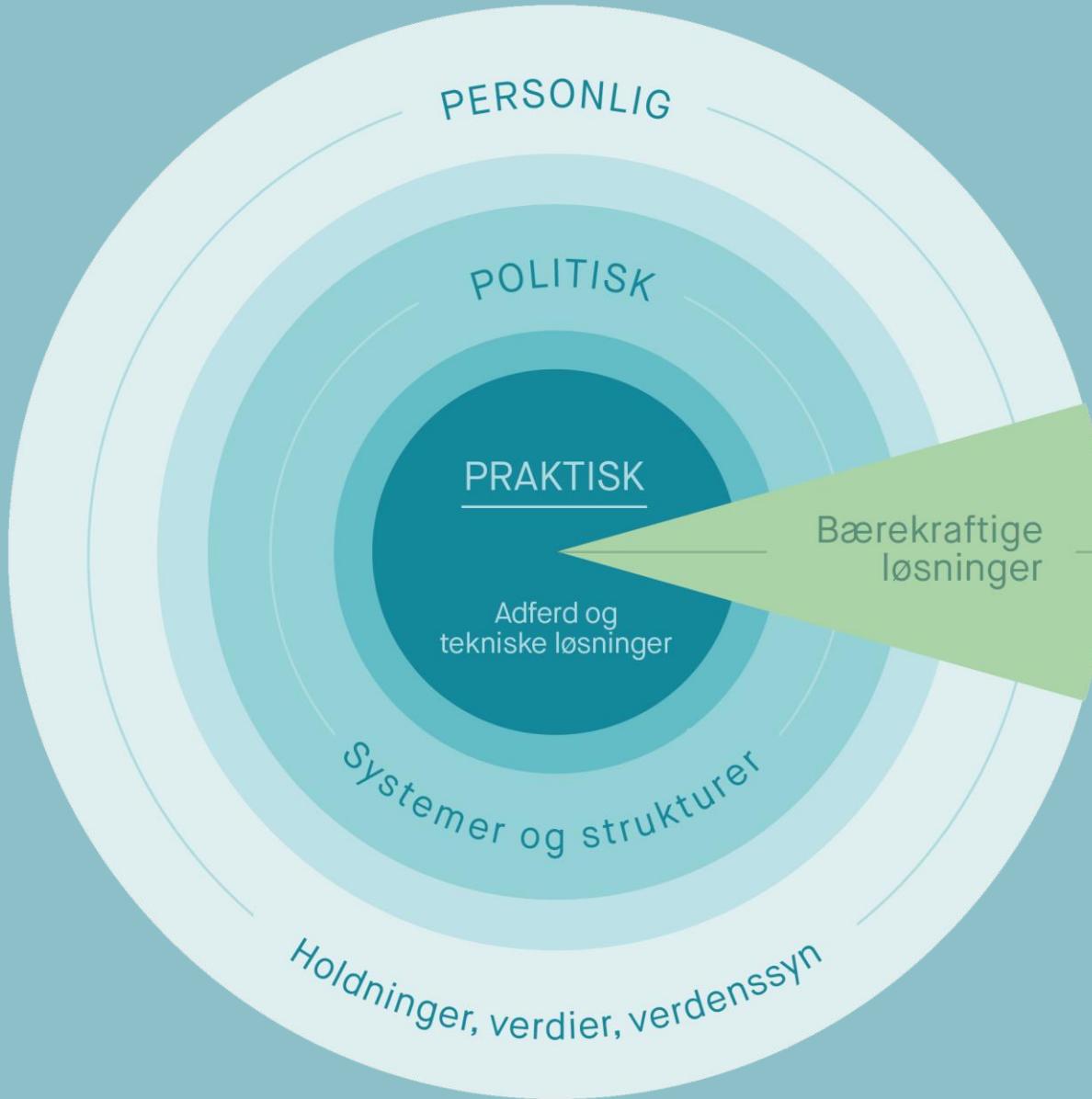
Kanskje løsningsbildet er større enn vi tror?





Tre sfærer for transformasjon





Medmenneskelighet
Frihet Empati Rettferdighet
Åpenhet Kjærlighet
Trygghet Mot Integritet
Likeverd Selvstendighet

Endringer kan skje via smittsomme prosesser



I sosiale nettverk

Adferd

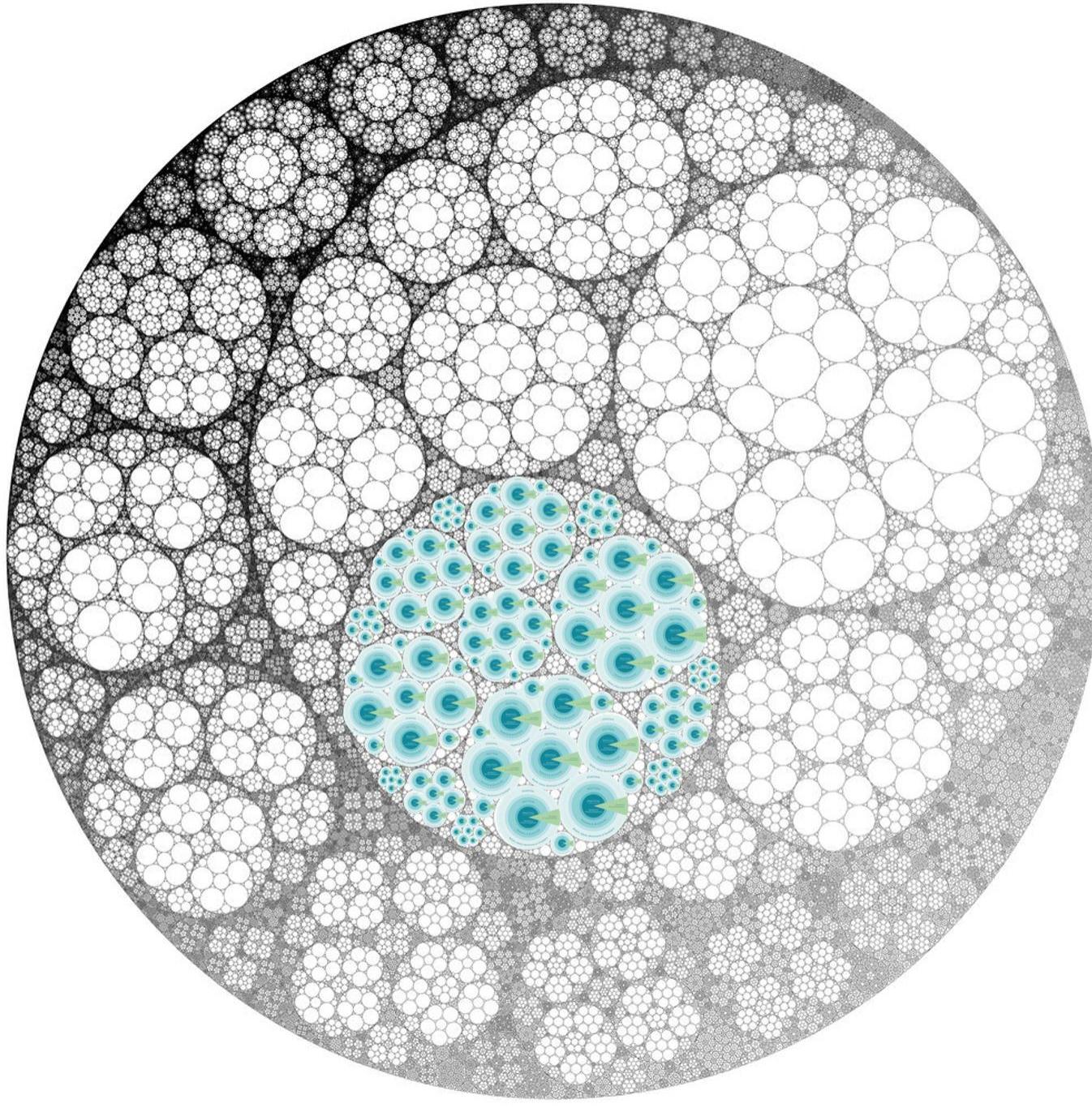
Meninger

Kunnskap og teknologi

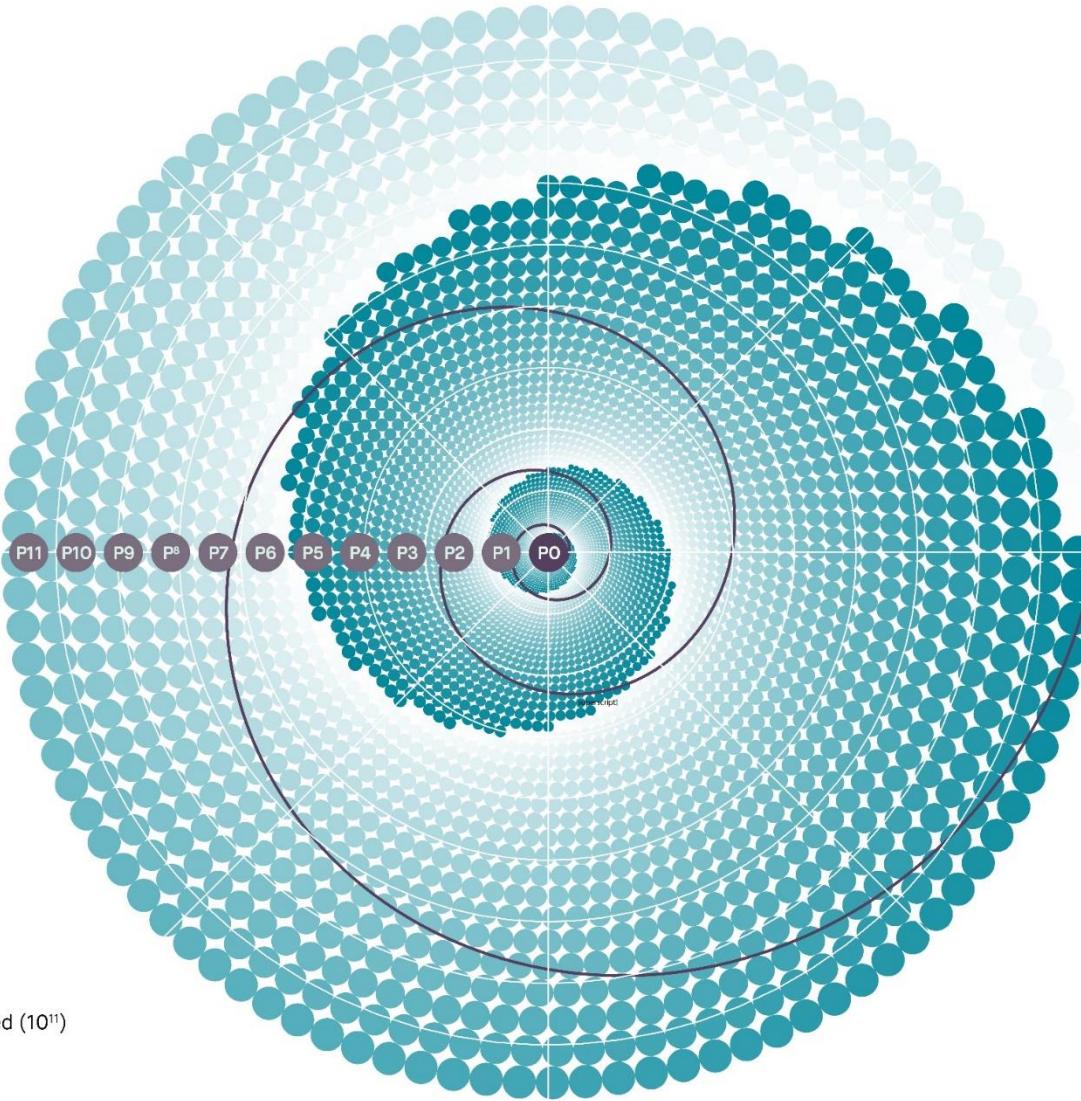
Sosiale normer

Narrativer og historier

Otto m flere 2020



- P0 Individual (YOU!) (10^0)
- P1 Family/Friends (10^1)
- P2 Personal Network (10^2)
- P3 Community (10^3)
- P4 Village/Neighborhood (10^4)
- P5 Metacommunity (10^5)
- P6 Urban (10^6)
- P7 Nation/State (10^7)
- P8 Sub-continental/Regional (10^8)
- P9 Continental (10^9)
- P10 Global (10^{10})
- P11 All *homo sapiens* who have ever lived (10^{11})



(Source: O'Brien 2020, You Matter More Than You Think: Quantum Social Change for a Thriving World)



Thank you!