

C NVERGE

Convergence Mapping System

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Two, largely separate fields

STRONG (environmental) sustainability

- limits to growth
- biophysical limits
- resource cap dialogues
- ecological footprint / overshoot
- is efficiency sufficient? and rebound effect debate

JUST (social) sustainability

- environmental justice
- just sustainability
- rights of future generations
- environmental debt
- human needs satisfaction
- happiness and well-being

Where does the CONVERGE project fit?

STRONG (environmental) sustainability

- limits to growth
- biophysical limits
- resource cap dialogues
- ecological footprint / overshoot
- is efficiency sufficient? and rebound effect debate

CONVERGE project: STRONG and JUST sustainability

- contraction and convergence (Meyer, 2000)
- shrink and share (Kitzes et al., 2008)
- environmental space (Bühns, 2008)
- prosperity without growth (Jackson, 2009, 2011)
- beyond growth (AtKisson, 2012)
- degrowth (Latouche, 2011)
- sustainability and equity (UNDP, 2011)

JUST (social) sustainability

- environmental justice
- just sustainability
- rights of future generations
- environmental debt
- human needs satisfaction
- happiness and well-being

Connecting Environmental and Social Sustainability: The Convergence Mapping System

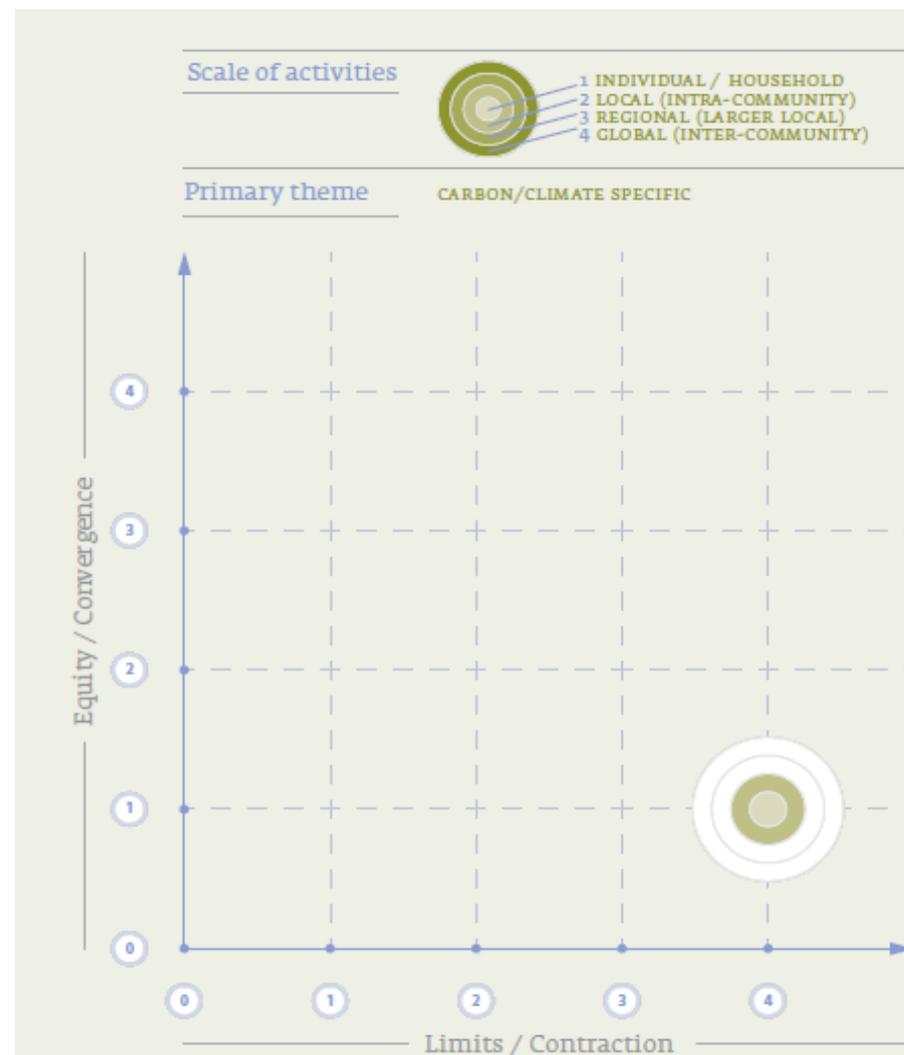
- ▶ A tool to help show how organizations/projects/policies etc. address the double imperative of
 - ✓ living within Earth limits/planetary boundaries,
and
 - ✓ sharing resources more equitably.

Example: Covenant of Mayors (I, HI)



* policy *

- ▶ What is it about?
 - ✓ European Commission Policy initiative
 - ✓ Each signatory city makes a voluntary commitment to reduce its CO₂ emissions beyond the target of 20% by 2020.
 - ✓ Requires that cities submit a Sus. Energy Action Plan
 - ✓ Measures typically involve local transport, public and private buildings, renewable energy sources and innovative technologies
- ▶ C&C elements



How could this mapping system/tool be used in research?

- ▶ Identify good examples
- ▶ Evaluate research proposals/projects/project outcomes
 - ✓ Do they help society to live within Earth limits/planetary boundaries?
 - ✓ Do they contribute to increasing equity?

THANK YOU FOR YOUR ATTENTION!

THERE IS AN ELECTRONIC **CONVERGE** BOOK AVAILABLE FROM THE PROJECT WEBSITE!

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