



Governance experiments: conclusions from experiences in environmental policy

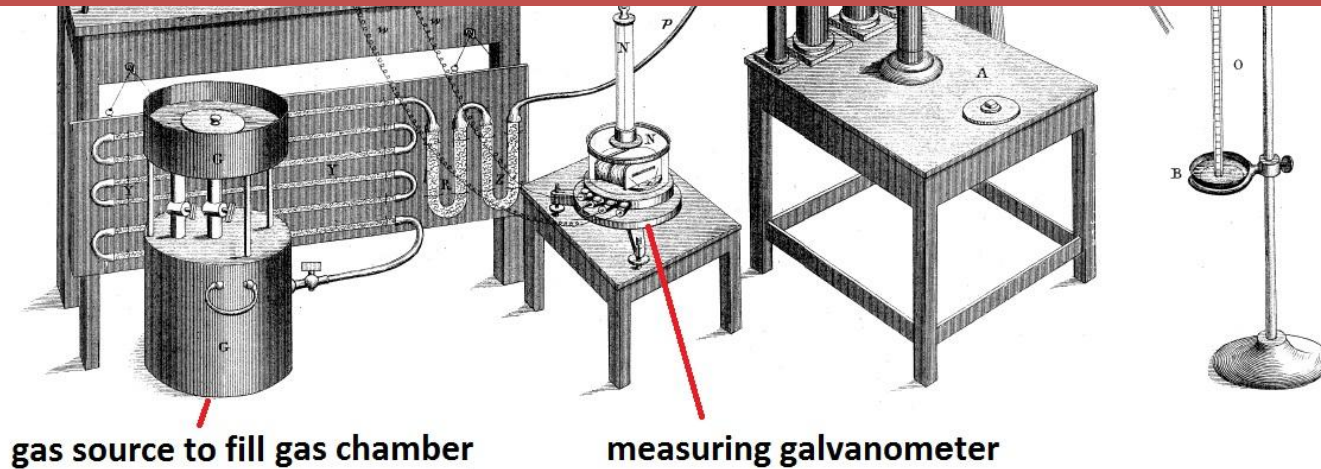
Philipp Pattberg

Leslie Cube heat sources containing water heated by bunsen burners

Thermocouple pile

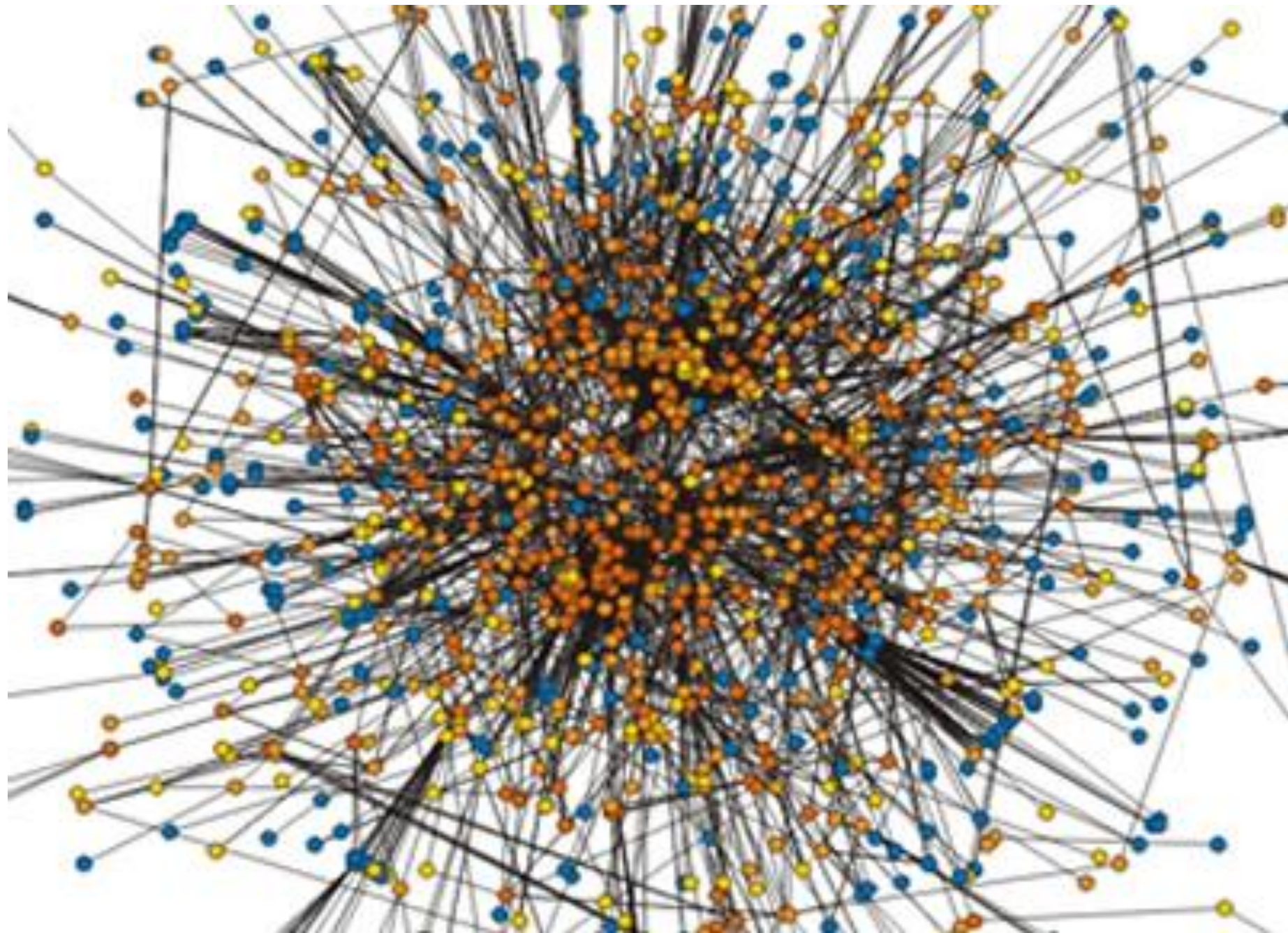
gas chamber

Environmental policy arena has become a prime experimental field for new governance instruments












Scientific Warnings:



“The earth operates well outside the normal state exhibited over the past 500,000 years.”

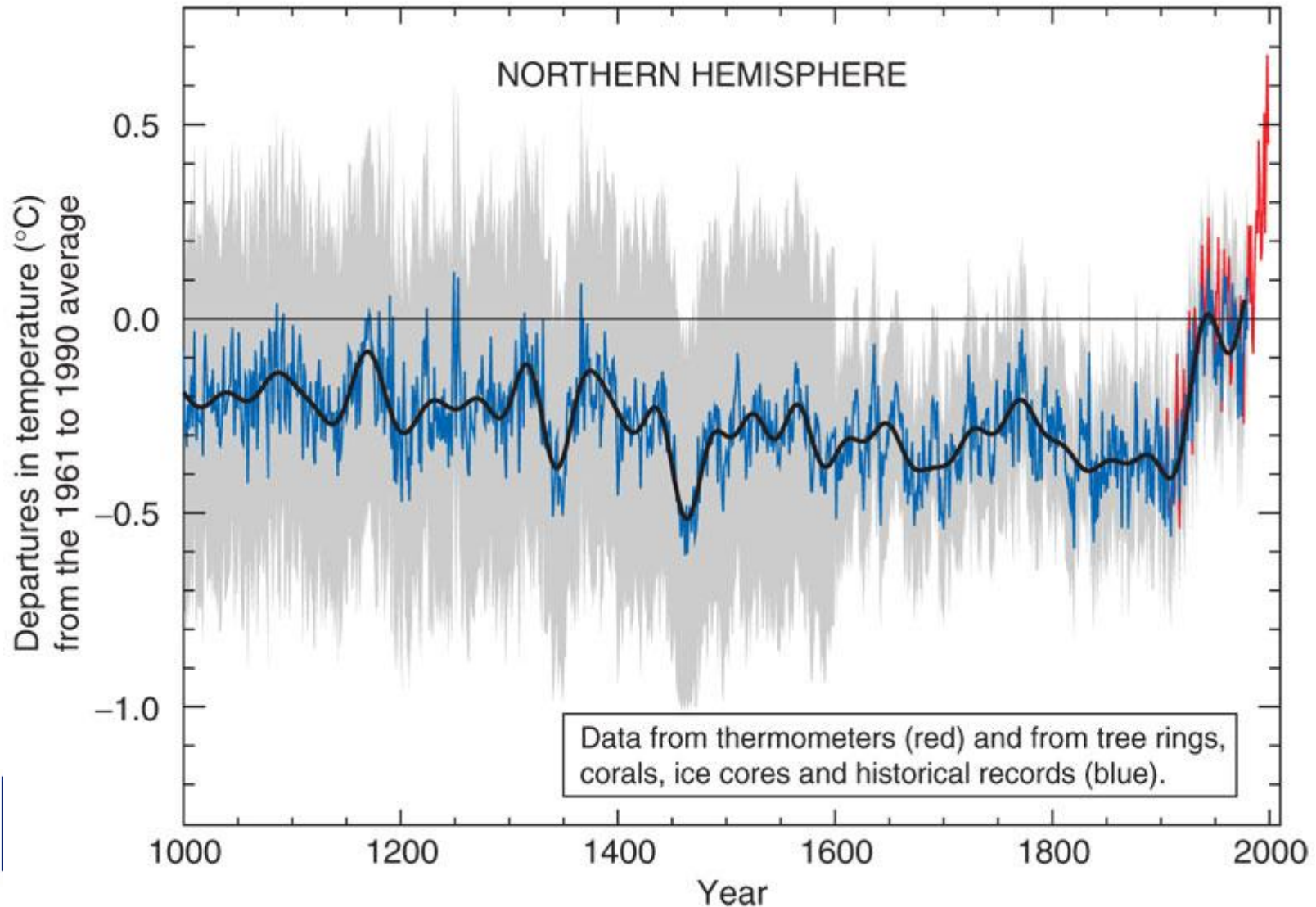


“Human activities could ... trigger severe consequences for Earth’s environment ...”



“...potentially switching the Earth System to alternative modes of operation that may prove irreversible and inhospitable to humans.”

Global temperature



Politics in the “Anthropocene”

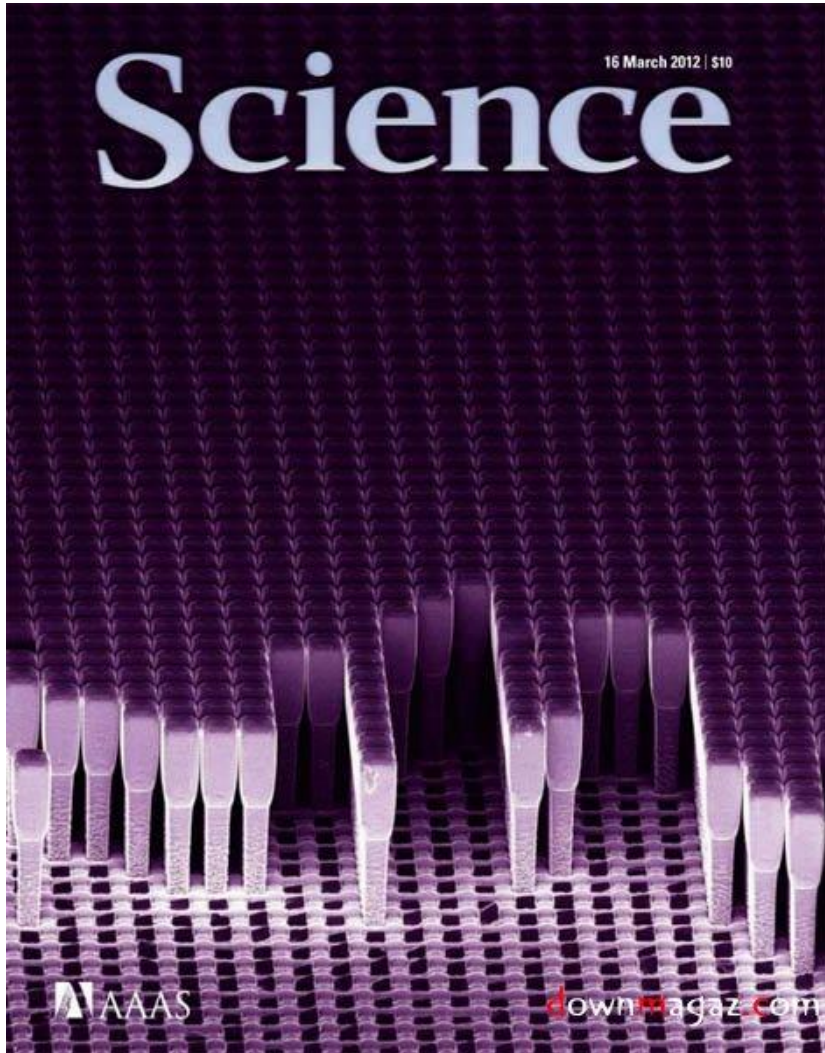


The Earth System Science Partnership maintains that “urgently needed” are ...

an ethical framework for global stewardship and

strategies for Earth System management.



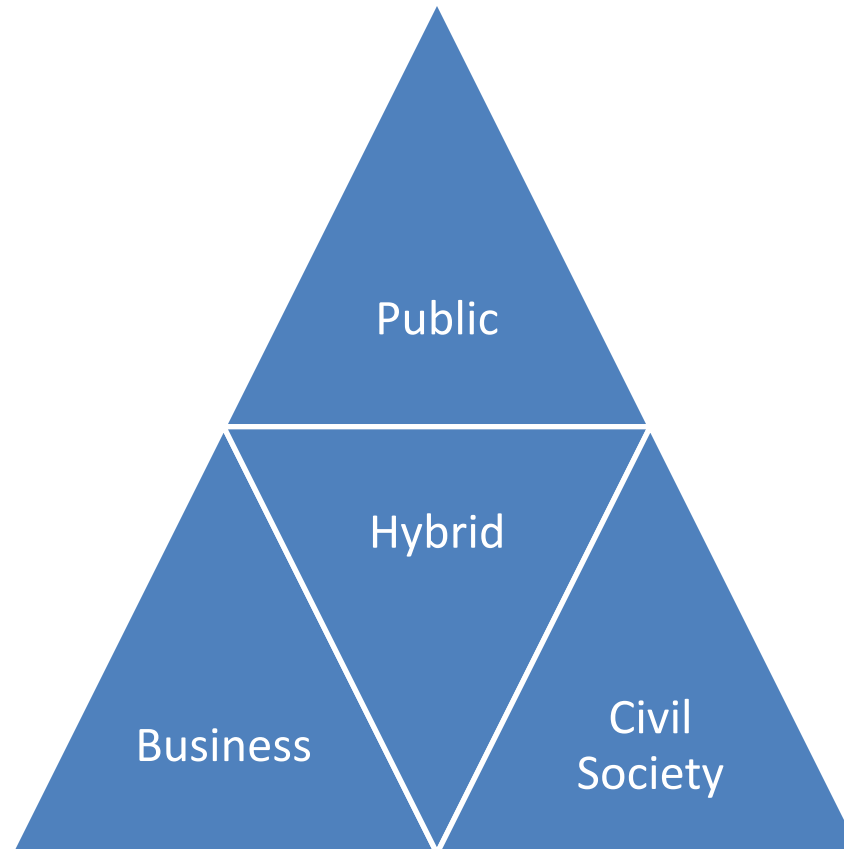


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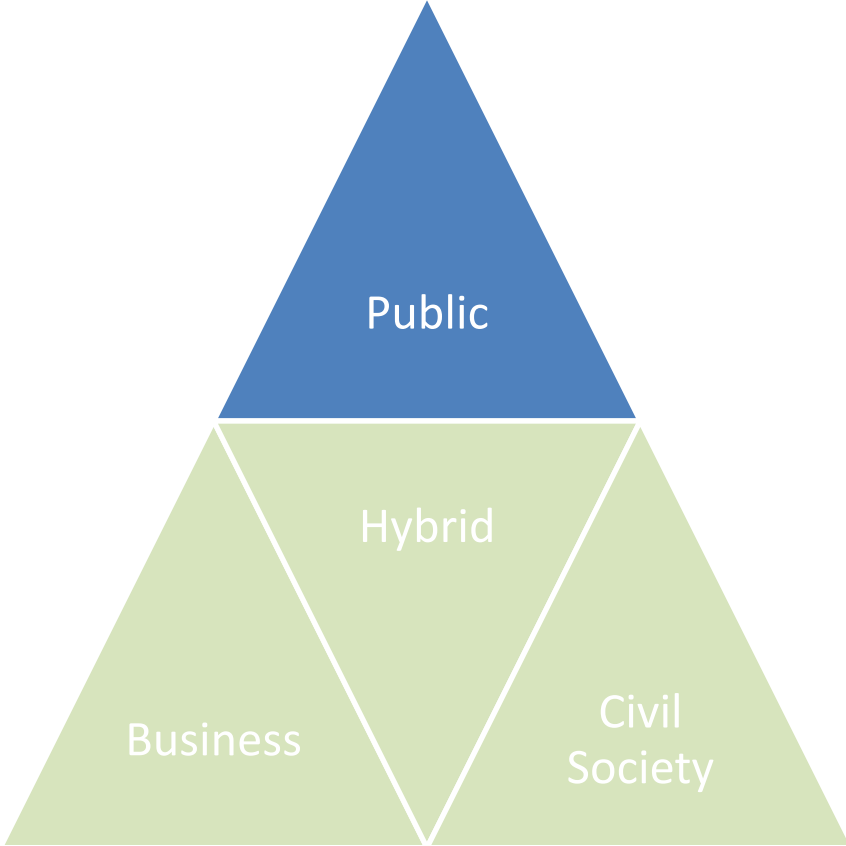


Shifts in Governance

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Shifts in Governance



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Shifts in Governance

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Global City Networks

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- C40 and ICLEI CCP as public non-state climate governance networks
- Cities pledge to reduce their emission (often with reference to the 1990 baseline)
 - E.g. Amsterdam: 40% reduction below 1990 levels in 2025

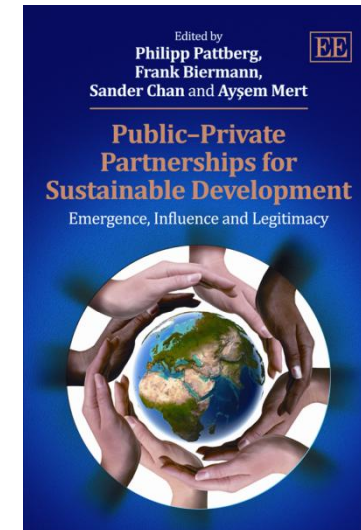


Public-Private Partnerships for SD

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- 2002 Johannesburg Summit (WSSD): “type-2 outcomes”
- Public-private partnerships for sustainable development as the main implementation tool of the MDGs and Agenda 21
- To date more than 340 WSSD PPPs registered with the CSD
- Only one third with measurable positive impacts



Non-state market-based governance

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Governance by disclosure

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- Transparency of governance
- **Transparency for governance (disclosure-based transparency)**

Carbon Disclosure Project

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- The Carbon Disclosure Project (CDP) is an independent non-profit organisation representing 534 institutional investors with an investment base of approximately \$70 trillion;
- Annual questionnaire since 2003 (9th CDP questionnaire);
- 3000 companies globally are reporting according to CDP standards;
- Since 2010, cities are included in the reporting.



Carbon Disclosure Project

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- “Congratulations on the success of the Carbon Disclosure Project. It has some important messages for all of us. Crucially, it illustrates how the answer to reducing greenhouse gas emissions lies as much with companies and investors as it does with governments, international agencies and the public.”
(Tony Blair, 2003)



Lessons learned

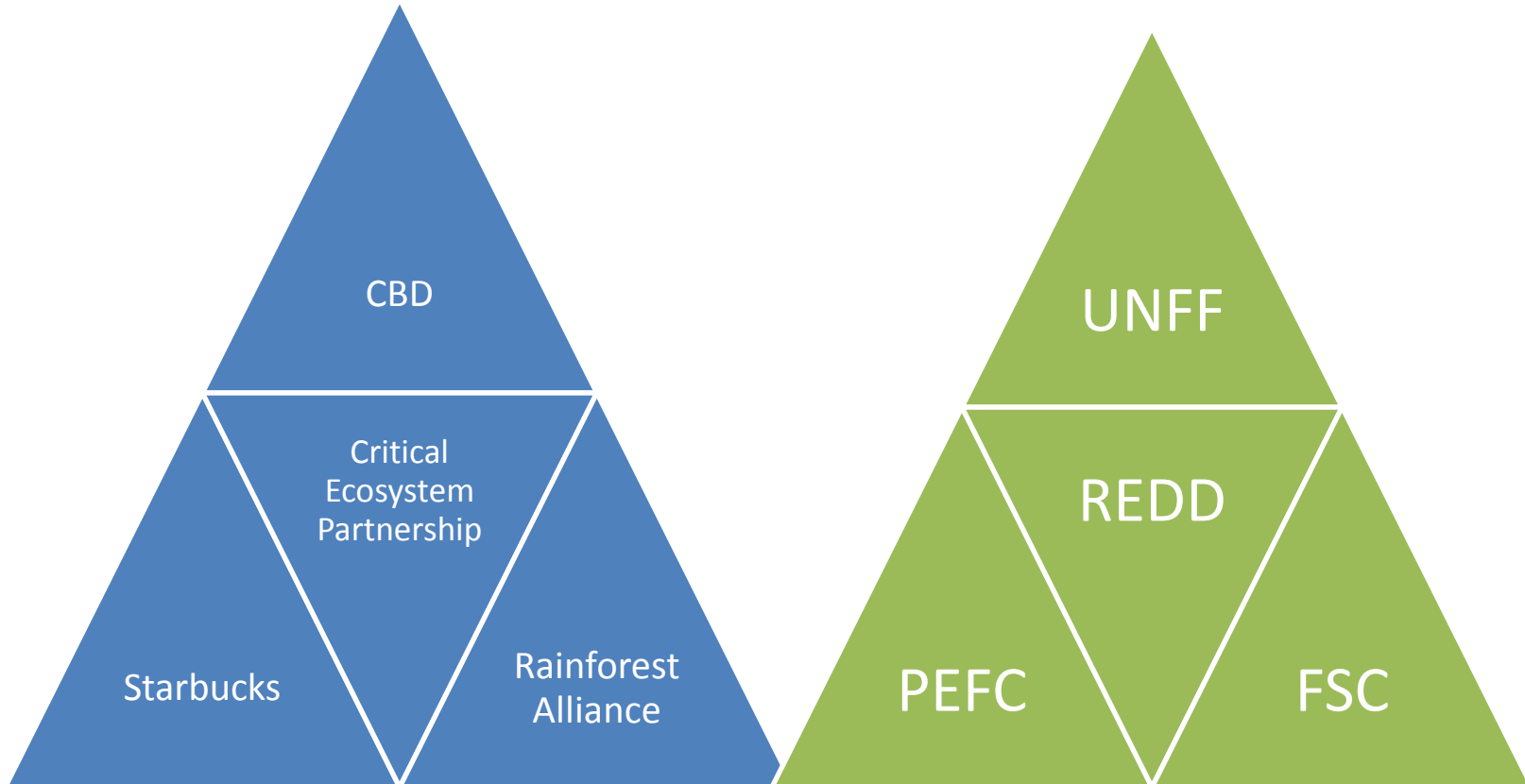


- Effectiveness depends on problem-structure and institutional design;
- Input legitimacy and effectiveness are often positively coupled;
- Innovation depends on wider support structures;
- Non-linear dynamics: impacts beyond intended effects;
- Key question: how to deal with the increased fragmentation of policies?

Increased fragmentation



Fragmentation





Managing fragmentation

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- Active role for public actors?
- Orchestration
- UNCSD upgrade
- WEO

ecost

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IHDP

International Human Dimensions Programme
on Global Environmental Change

Earth System Governance

 IVM Institute for
Environmental Studies



- <http://www.earthsystemgovernance.org/>
- <http://transformation-geg.org/>

Global Environmental
Governance Reconsidered

