



Green Jobs & Climate Change Solutions

Cornis van der Lugt, UNEP DTIE

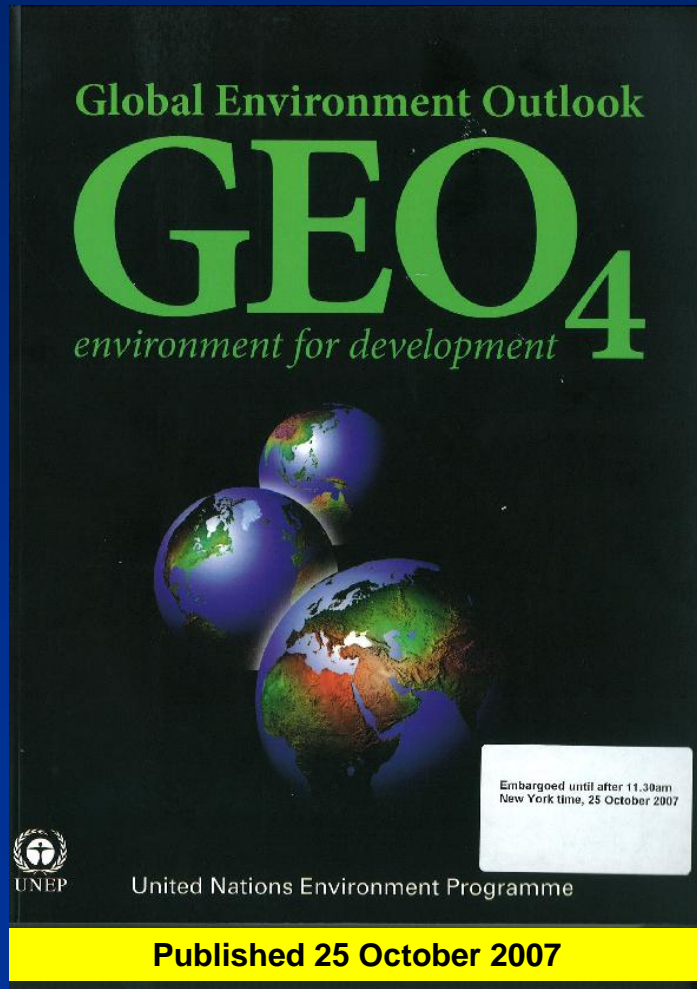
OECD Labour / Management Programme

13 March 2008



The State of the Planet

UNEP Global Environment Outlook (GEO-4)



- *Climate change: visible and unequivocal evidence today of its impacts*
- *Decline of fish stocks*
- *Loss of fertile land through degradation*
- *Unsustainable pressure on resources*
- *Dwindling amount of freshwater available*
- *Recall Brundtland 1987: one global problematique, risks and opportunities...*



Non-climate policies can influence GHG emissions as much as specific climate policies

IPCC Fourth Assessment Report, 2007



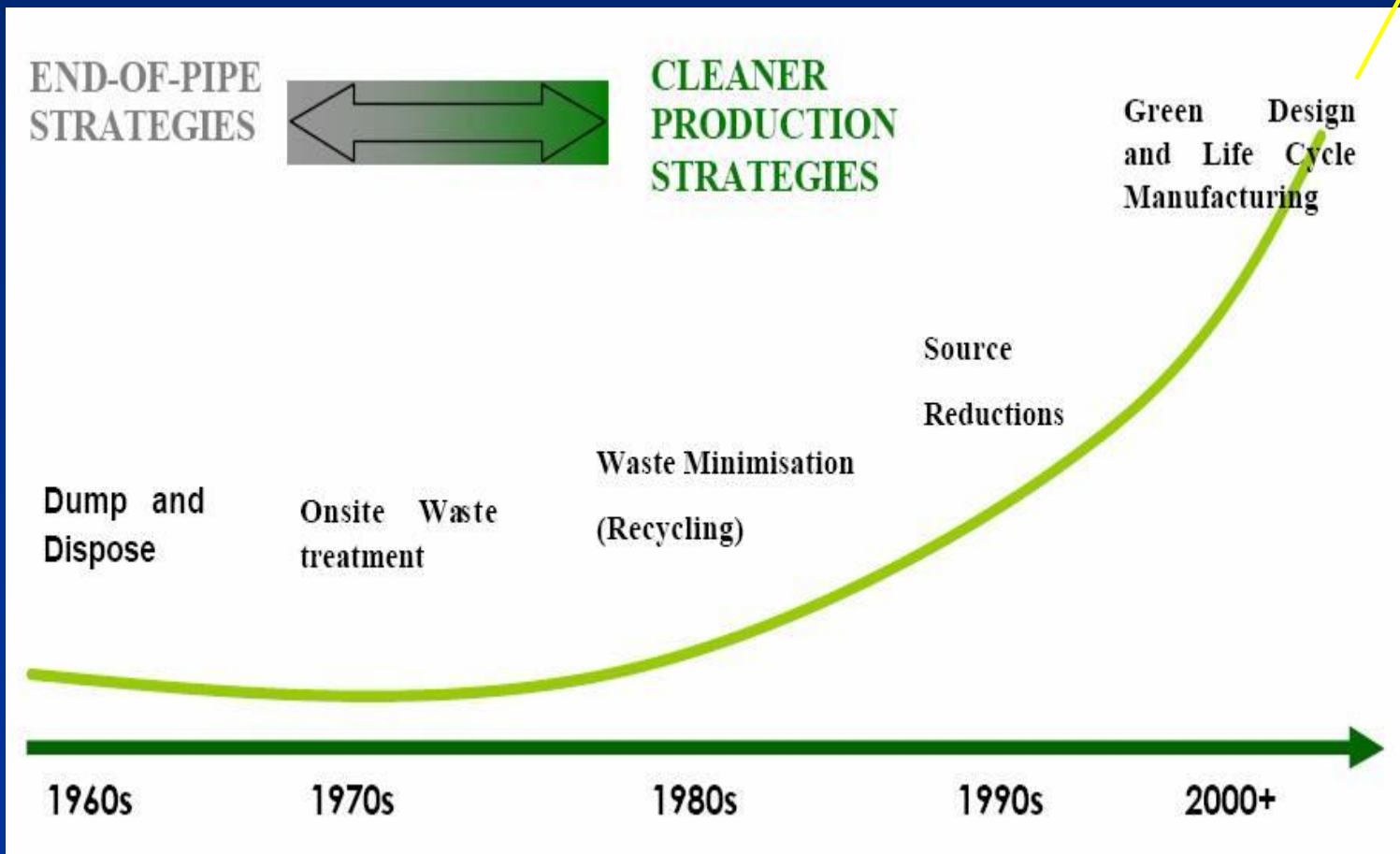
<i>Sectors</i>	<i>Non-climate policies -- Candidates for integrating climate concerns</i>	<i>Possible influence (% of global emissions)</i>
<i>Macro-economy</i>	<i>Taxes, subsidies, other fiscal policies</i>	<i>All GHG emissions (100%)</i>
<i>Electricity</i>	<i>Diversification to low-carbon sources, demand management, limit distribution losses</i>	<i>Electricity sector emissions (20 %)</i>
<i>Oil-imports</i>	<i>Diversification energy sources/decrease intensity -> enhance energy security</i>	<i>GHGs from oil product imports (20 %)</i>
<i>Insurance (buildings, infrastructure)</i>	<i>Differentiated premiums, liability insurance exclusion, improved conditions for green products</i>	<i>GHG emissions buildings, transport (20%)</i>
<i>Bank lending</i>	<i>Sector/ country strategies, avoid lock-in into old technologies in developing countries</i>	<i>Notably development projects (25%)</i>
<i>Rural energy</i>	<i>Policies promoting LPG, kerosene and electricity for cooking</i>	<i>Extra emissions over biomass (<2 %)</i>



Principle 8 Environmental Responsibility



Towards and beyond cleaner production strategies



Sustainable Value Chains (incl Design 4 Sustainability, Sustainability LCA), Integrated Business Models, Smart Regulation (enabling climate action)

- 2008 -