



Understanding Environmental Issues for Better Reportage

Bilaspur

April 9-10, 2015

THE CYCLE OF REASON



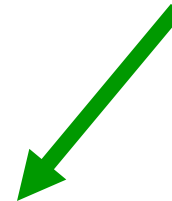
• Information

•collating data
(library resources,
databases, information
alerts etc)



Knowledge

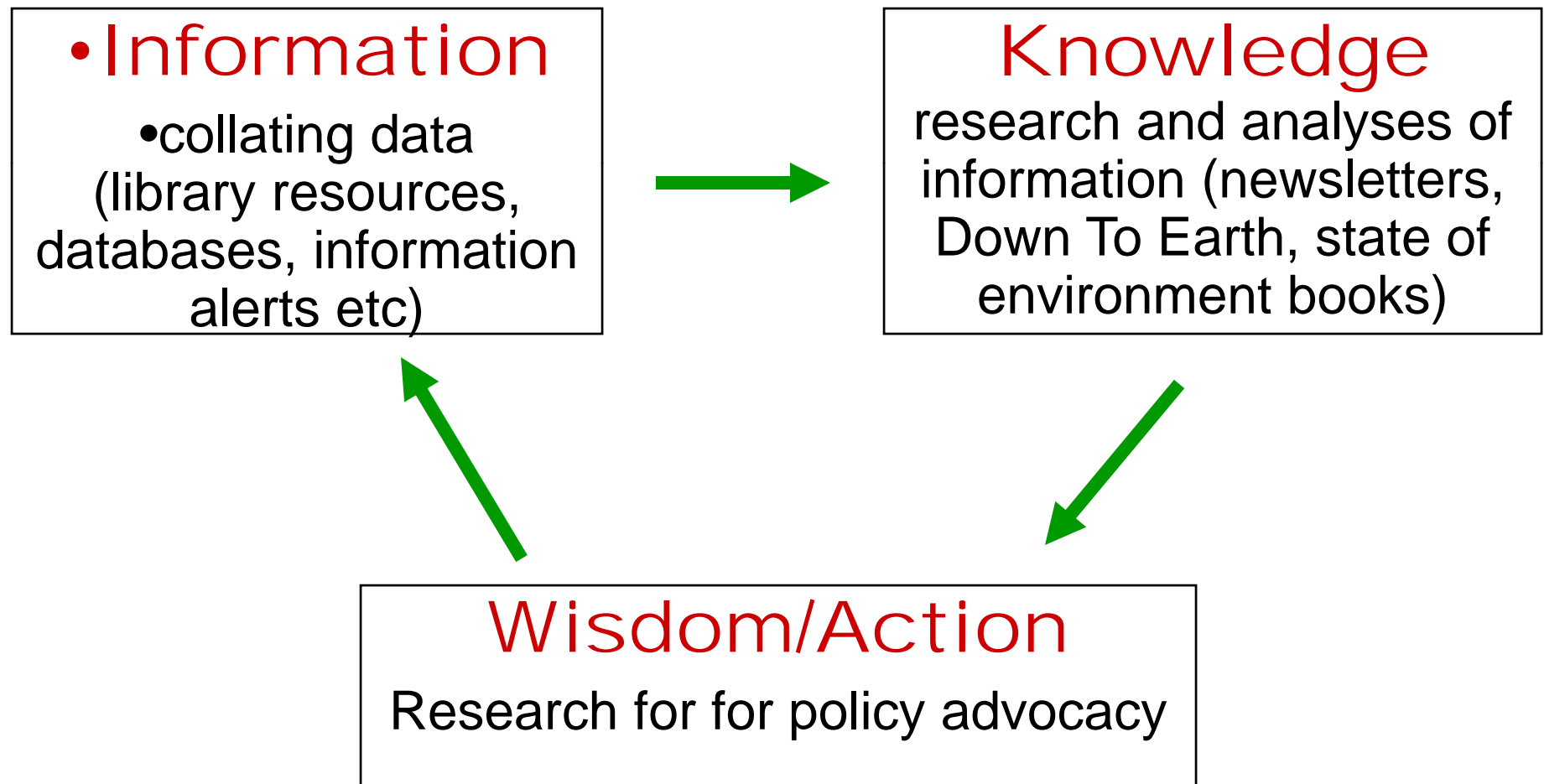
research and analyses of
information (newsletters,
Down To Earth, state of
environment books)



Wisdom/Action

Research for policy advocacy

THE CYCLE OF REASON





Our activities

	Knowledge dissemination	Research and Advocacy	Education Capacity building	
	Down To Earth	Food safety and toxins	Training -- AAETI	
	Books	Sustainable industrialisation	Environment education	
	Websites	Water and wastewater	Media and outreach	
		Air pollution, mobility etc	Lab	
		Green buildings		
		Climate change		
		Renewable energy		

Development about deepening democracy



Resource use will require entitlement, tenure rights, institutions, price ...and deepened democracy.

Will need technology that can make for **distributed** growth.

Water management is a key example...

India, ecological

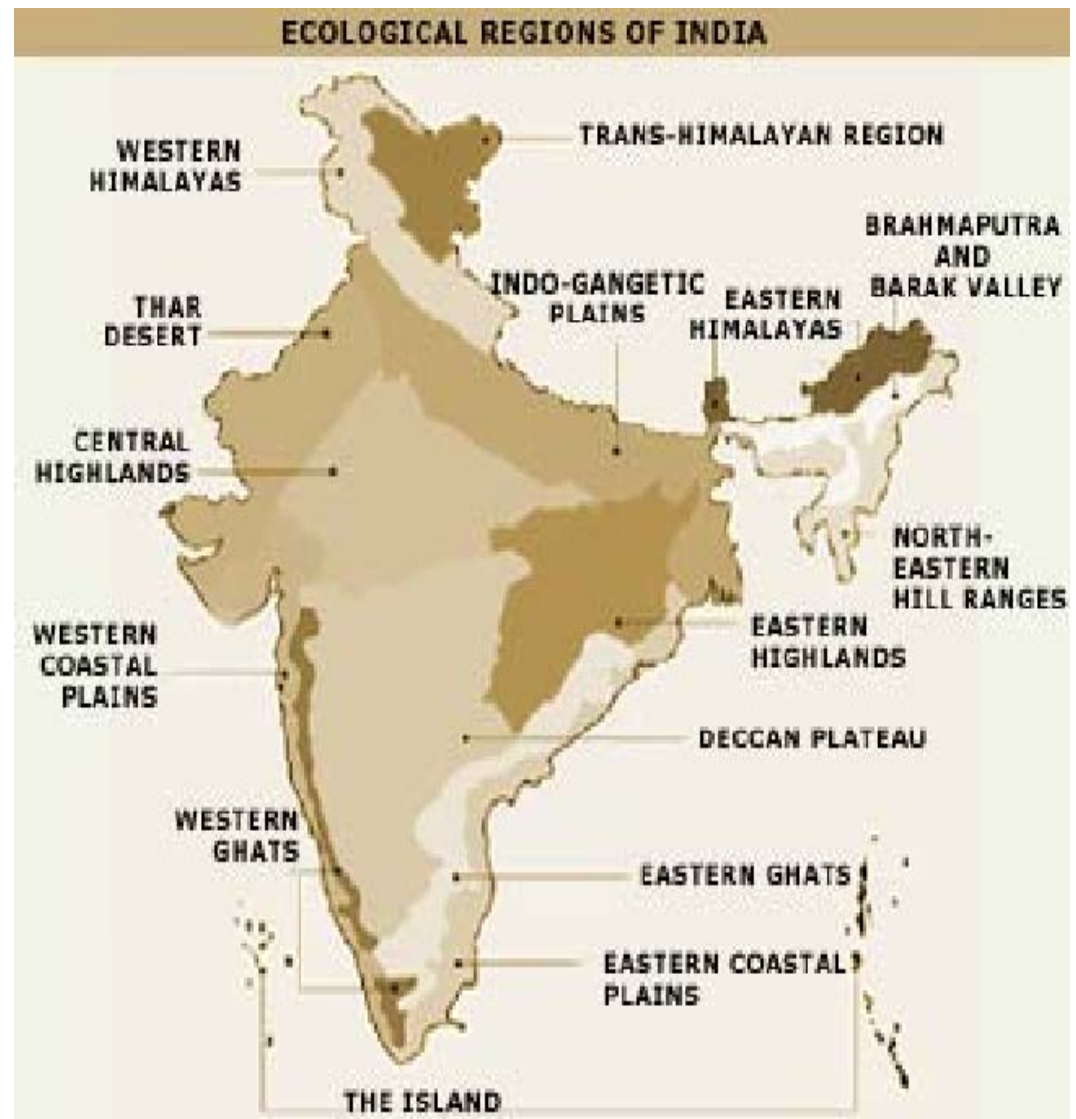


At least 15 Ecosystems

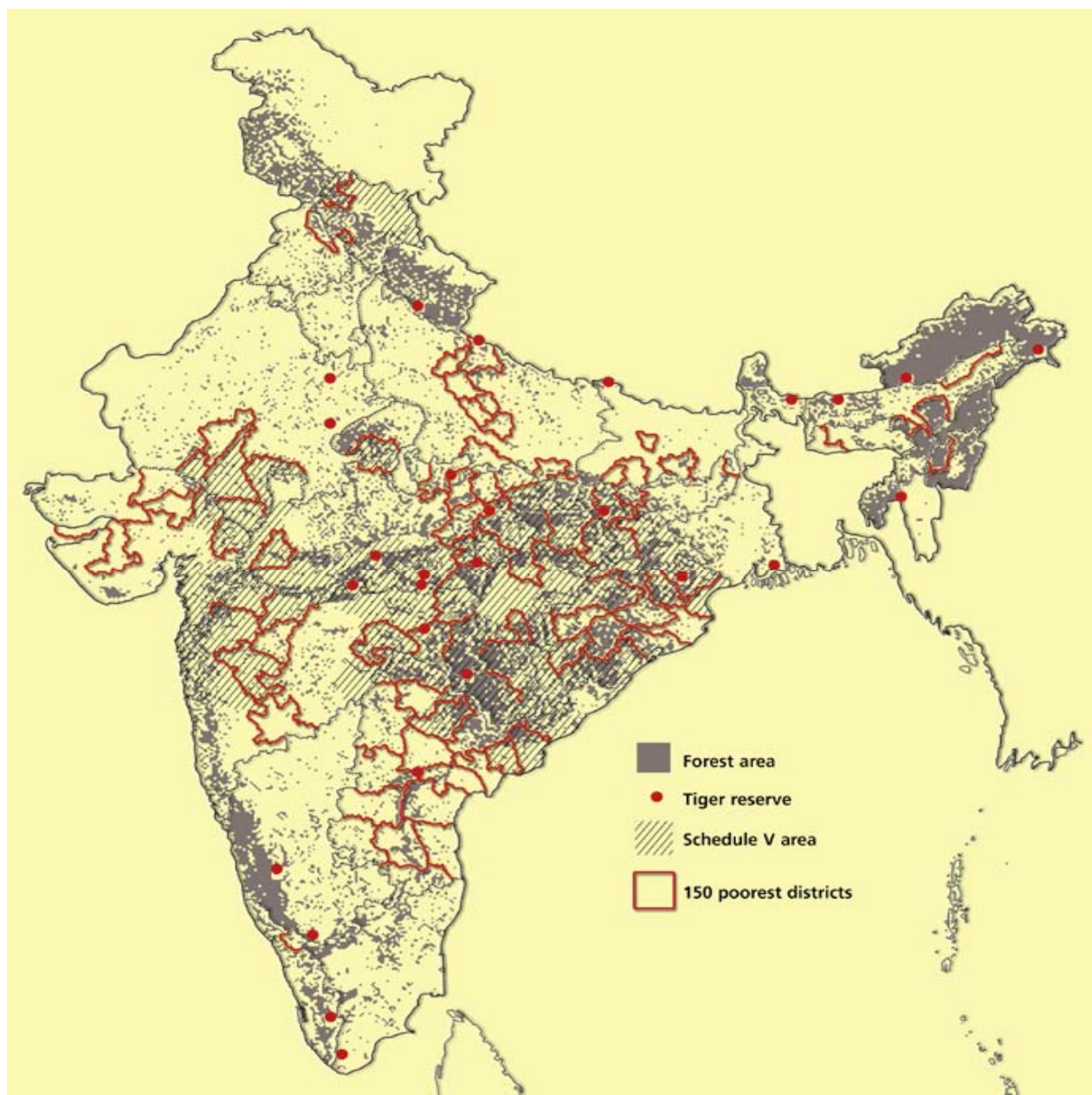
Dynamic & complex >
important resource base

Diverse > hot & cold deserts;
from less than 100 mm
rain to 4000 mm; hills,
riverine deltas, wetlands,
alluvial Indo-Gangetic
Plains. Each evolved
unique social & ecological
dynamics

Usual for 'official'
development planning to
focus on political
boundaries, not ecological
realities



Resource curse, conflicts



Poorest live on
richest lands:
Re-learn
development

Mining > boomtime



2.55 million (52% tribal) people displaced because of mining projects alone. **Hotspots of conflicts**

Value of mineral production **Rs 84,211 crores (2005-06)**

People employed **560000 (2005-06)** down 30% from 1991 to 2004

Dilemma: Small-scale, unregulated, but large employer

1.8 billion tonnes waste generated from mines

Benefit sharing : Partner with communities

Environmental challenge of development



Western industrial model **toxic**: Intensive use of energy and materials leads to huge amounts of waste – pollution

In crowded developing world, the scale of problems has no precedence

Low incomes, poor technology

Cannot afford to pollute, then spend billions on clean-up.

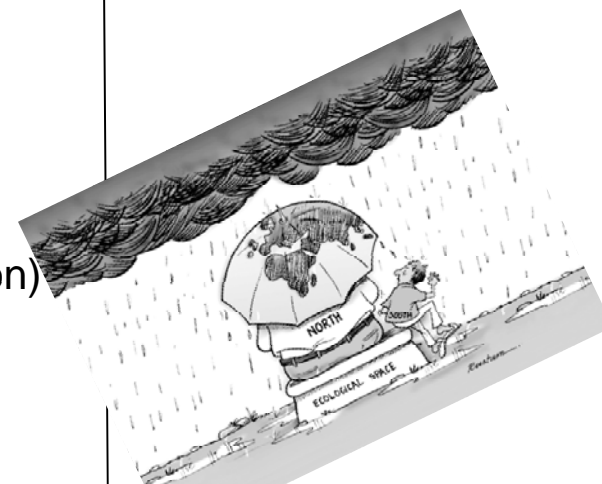
Poor **regulatory** set-up.

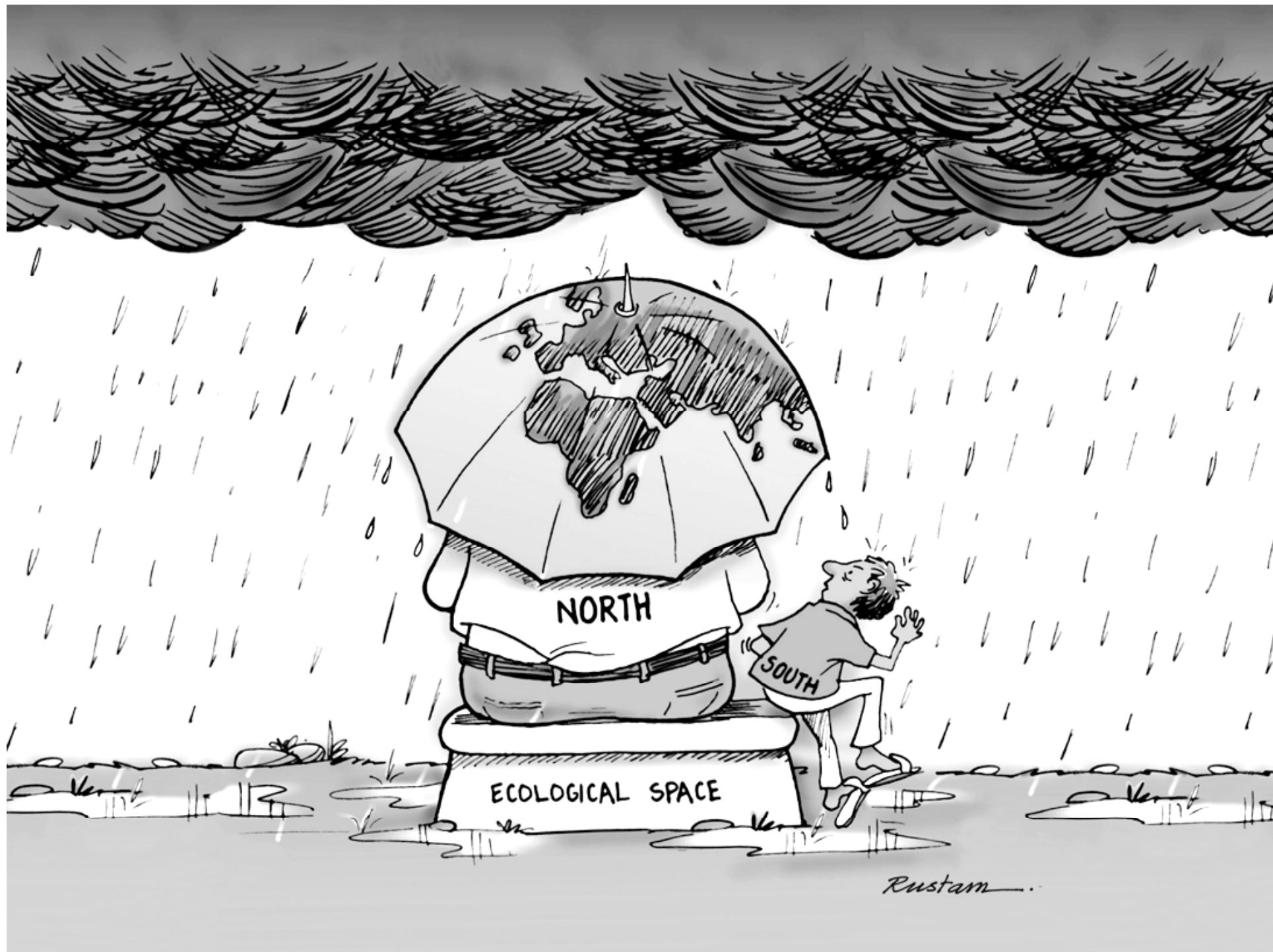
We continue to invest. Still behind the problem. Can we afford this?

CSE: Structure of current activities



Awareness Raising & Documentation	Research & Policy Advocacy	Training & Outreach
Down to Earth	Water Management (Rural, Urban & Rivers)	Green Schools' Programme
Gobar Times	Sustainable Industrialization (Green Rating Industry & EIA)	Media Outreach
State of India's Environment Reports (SOE)	Air Pollution & Mobility (Sustainable Cities)	Regulators' programme
Books, Documents, Green Buildings (Sustainable Cities) Journals, Databases		Environment Training Institute (ETI)
Environment Portal	Policy Research & Community Support	AAGC (students)
Web-based info. services	Pollution Monitoring Laboratory	
	Food Safety & Toxins	
	Climate Change & GEG (Tracking Negotiations & Adaptation)	
	Renewable Energy	



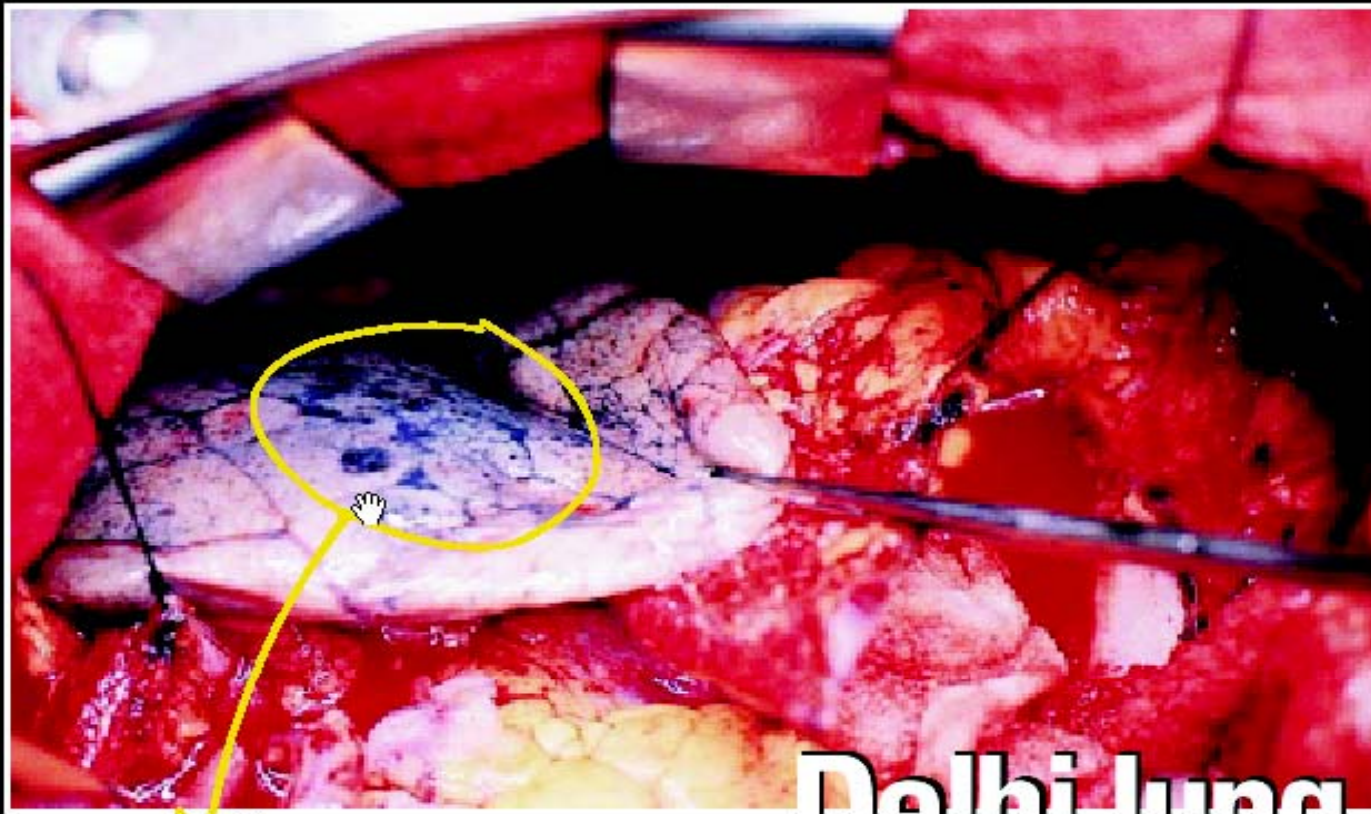


Smog Inc.



We launched Right To Clean Air Campaign to see through the smokescreen





Look at these black spots on the lung. The unfortunate owner lives in Delhi and has been breathing polluted air. Air full of carbon particles which accumulate in the lungs (black spots). What you can't see is a cocktail of gases and tiny particles, even smaller than carbon that get into our bodies. Actually, you are getting polluted.

Delhi lung

Capital punishment

Scary? But those cars are so sexy!

Mid 2000-now



Campaign has taken on new challenges: new pollutants, fuel quality, emission standards etc

Active involvement with media: press releases, workshops, briefings

Publications