



knowledge and action

Advancing Sustainable Production and Consumption
through Practice-Research Engagement

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one earth

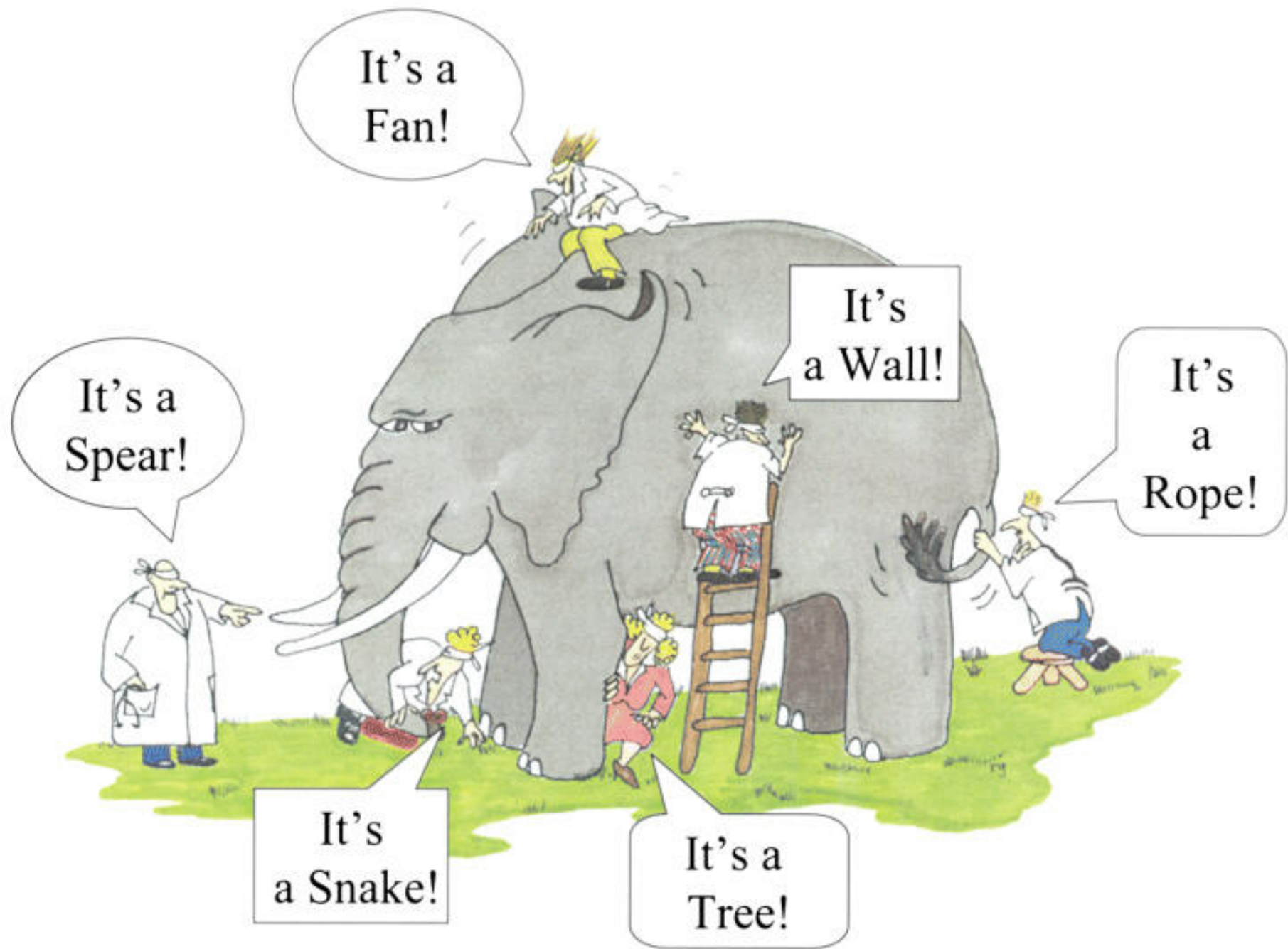


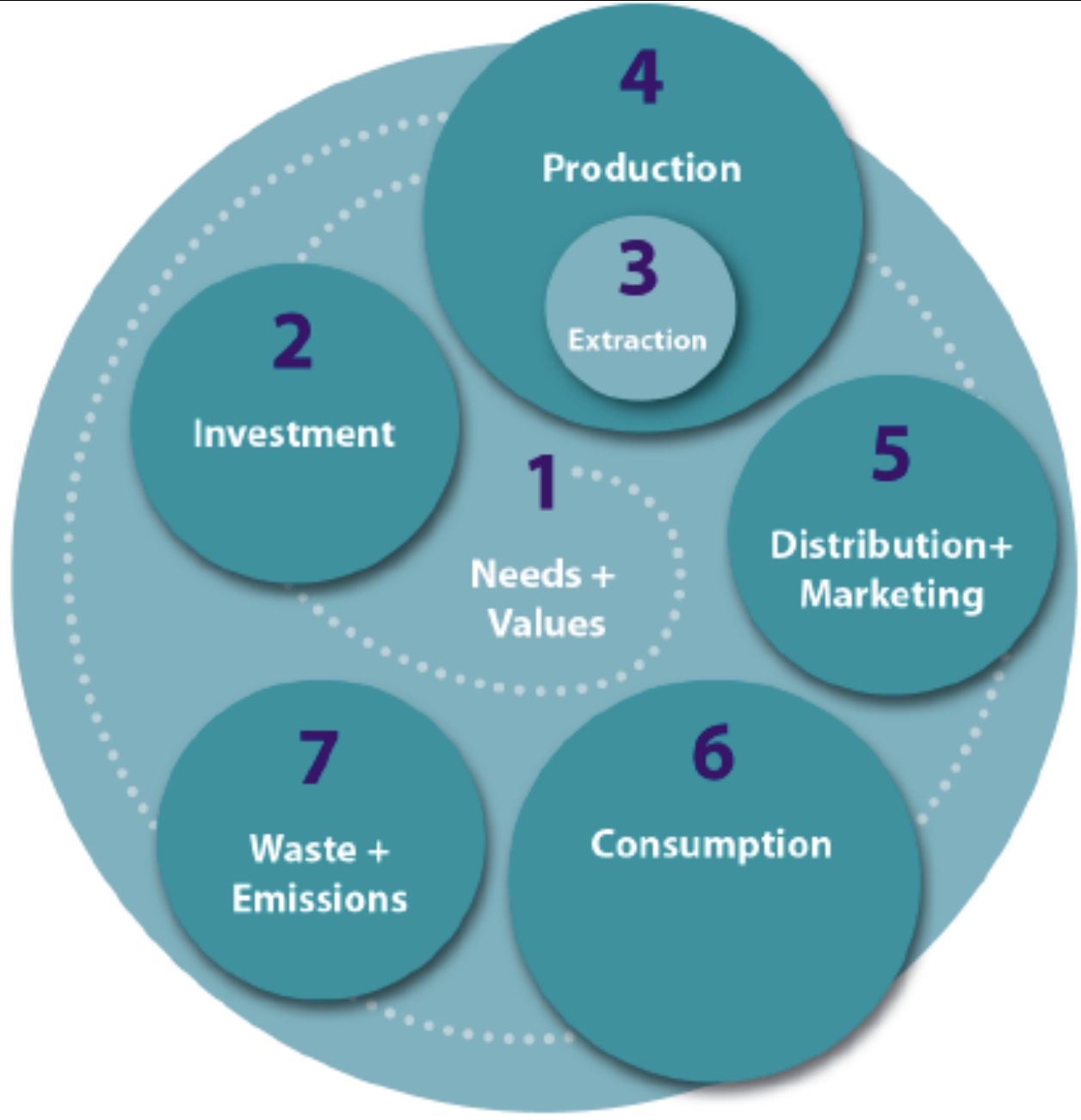
elinor ostrom



advancing sustainable production
and consumption

is a complex challenge





SUSTAINABLE CONSUMPTION AND PRODUCTION ACTORS AND NETWORKS (COMMUNITIES OF PRACTICE*)

1

Needs + Values

Redefining progress / wellbeing
Happiness research
Indicators for sustainability
Impact analysis
Defining and measuring sustainability
National policy frameworks
Sustainable production and consumption as a practice
Social justice / human rights-based approach
Good governance and democracy
Poverty reduction / extreme poverty eradication
Ensuring human livelihoods and capabilities
Community and regional planning and development / local sustainability
Local self-reliance
Bioregionalism
Green communities, eco-villages and transition towns
Community economic development
Health and wellbeing

2

Investment

Socially / environmentally responsible investment
Government / green public procurement / purchasing
Ethical investment guidelines
Financial institutional reform
Environmental Pricing
Subsidy reform and eco-taxes / tax shifting

3

Extraction

Social licensing
Social and environmental impact assessment and mitigation
Community resource management

4

Production

Industrial ecology / eco-industrial networking
Life cycle analysis / material flow analysis
Pollution prevention, clean production and sustainable manufacturing
Closed loop systems
Extended producer responsibility
Hazardous / toxic use reduction, waste, products and technologies
Full cost accounting
Eco-efficiency
Workplace standards

5

Distribution + Marketing

Eco labelling / certification
Packaging
Transport
Fair / sustainable trade
Lifestyles of health and sustainability (LOHAS)
Local exchange trading systems (LETS) / time banks

6

Consumption

Conscious / sustainable consumption education and information
Lifestyles
Voluntary simplicity / sufficiency
Downshifting
Green living
Local food movement
Sustainable consumption research and information
Consumer rights and protection
Right to know
Advertising reform
Consumer action / boycotts
Ethical consumerism

7

Waste + Emissions

Hazards management
End-of-life management
Waste reduction and prevention
Zero waste
Integrated waste management
Material reuse and recycling
Composting
Bioconversion
Landfill sustainability
Incineration / waste-to-energy

* *Communities of practice* are the groups, networks, individuals, associations and organizations working at all scales that form around a specific practice which targets one of the leverage points of the production/consumption system.

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Eco product design / design for environment
Biomimicry
Cradle-to-cradle
Product stewardship
Design for sustainability
Dematerialization
Green / sustainable chemistry
Service economy
Social ventures / entrepreneurship

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practice-research engagement



benefits

answer critical questions

credibility

learn from innovation in practice and conceptual frames

identify leverage points



costs

level and intensity of involvement

institutional barriers – incentives

closer public scrutiny

misunderstandings / power issues

Methods: action learning, participatory rural appraisal...

Principles: establish shared values, goals and expectations,
diagnose institutional problems, joint learning

four PRE products

1 solving issues



2 issue identification



3 assess interventions



4 field development



implications for the Global Research Forum...





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