

Inventing Ecological Societies

...when there is no model to follow ...

Woodland Valley Farm,
Ladock, Cornwall

Friday 22 August 2008

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English Experience: 1100 - 1750

Development: 1960 - 2008

African clues: ????? - 2008

Barbets Duet: 2008 - ?????

The English Experience

1100-1750

English Experience

Development

African clues

Barbets Duet

Drivers of invention early England

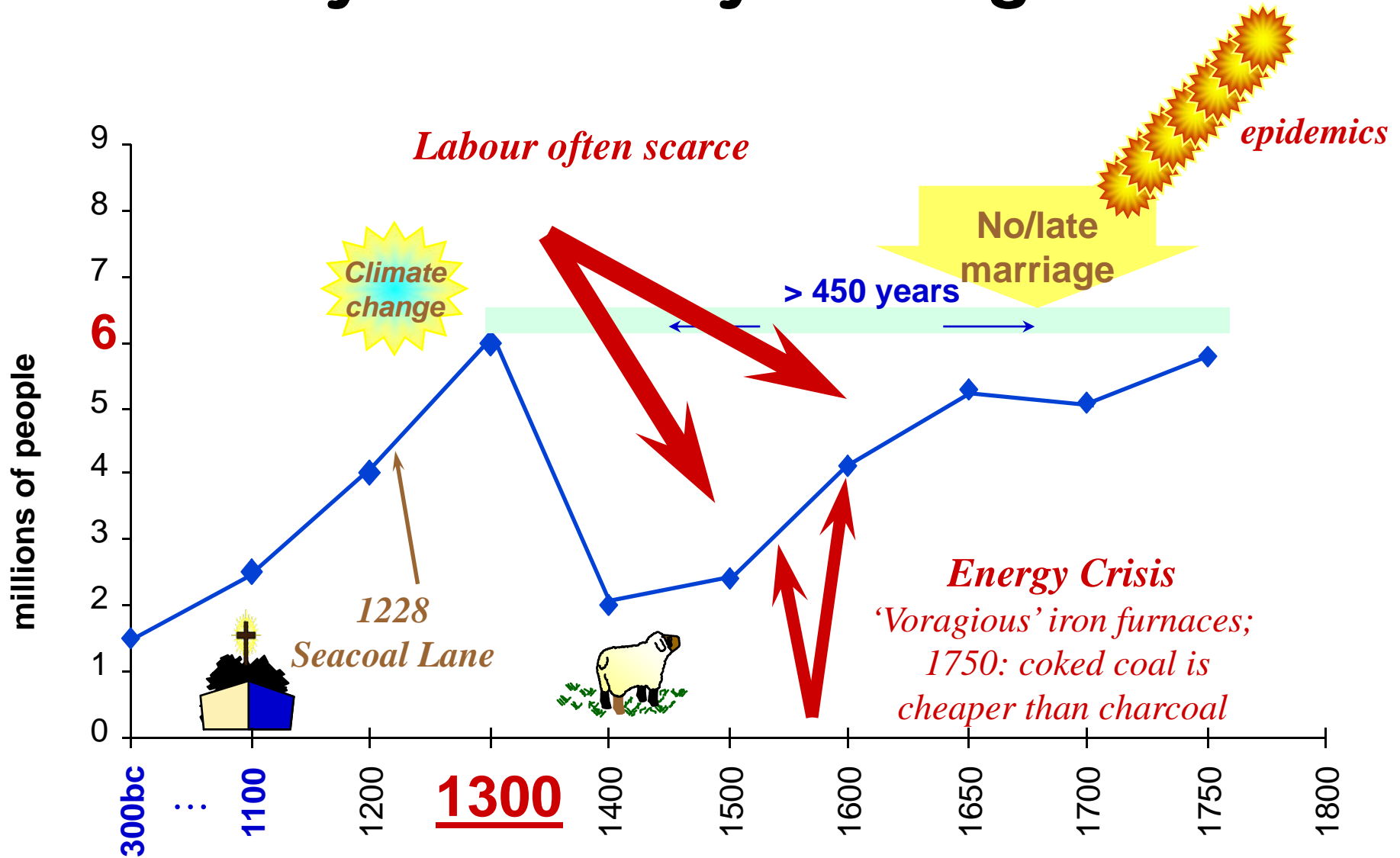
A large, stylized orange letter 'E' with a grey drop shadow, positioned on the left side of the slide.

Engagement
& *aEsthetics*

Experiment
& *education*

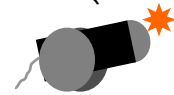
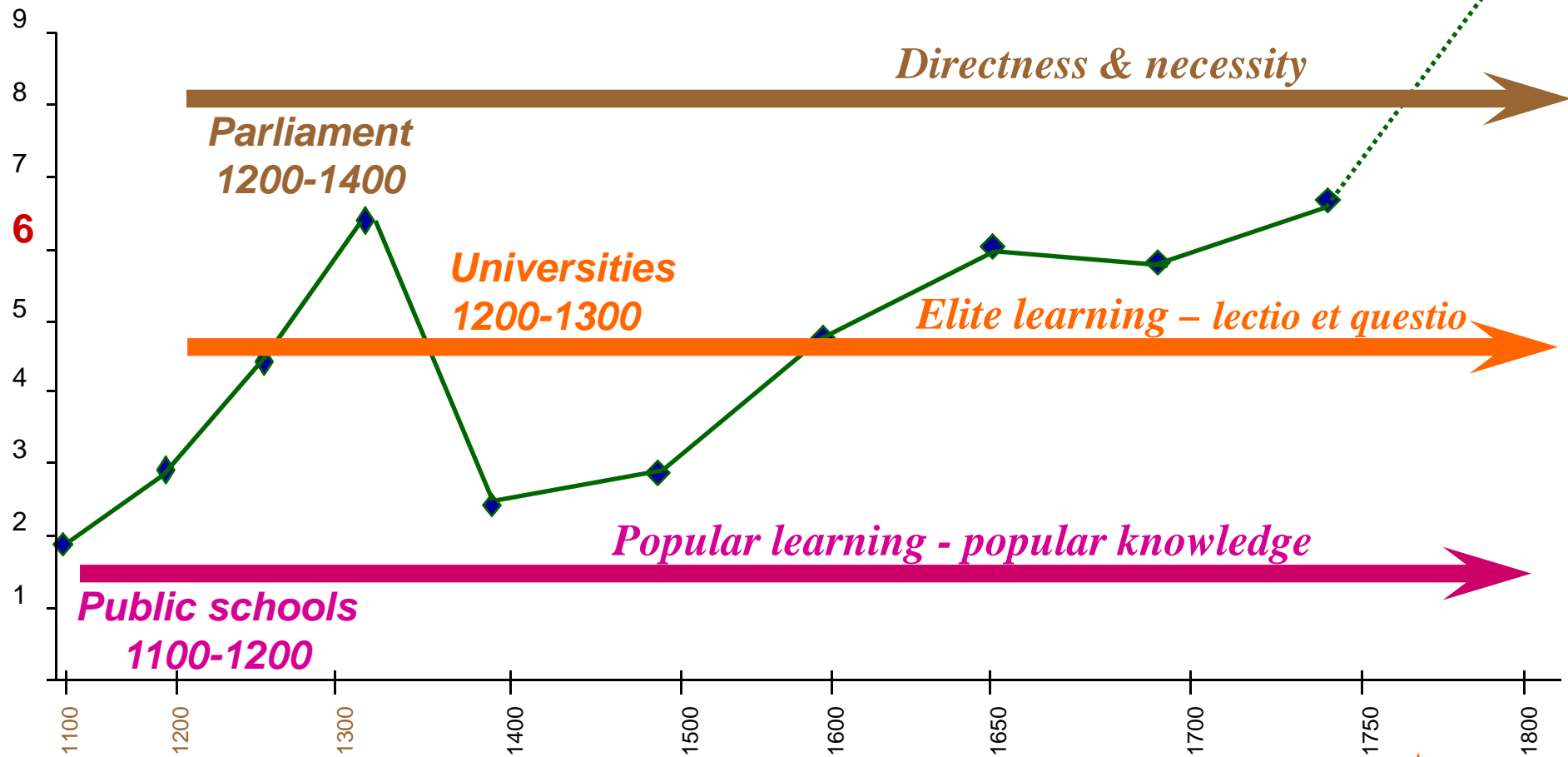
Extremity
& *necessity*

Extremity → recovery & reorganisation



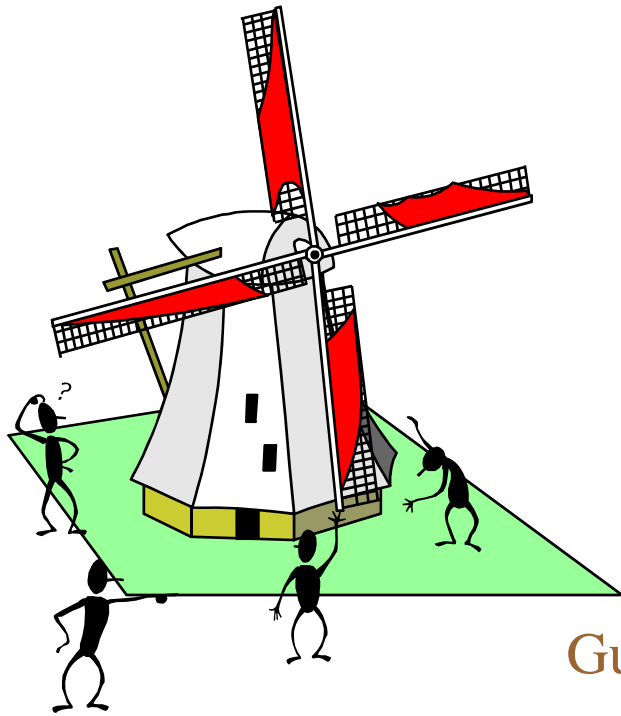
Experiment & education

Early revolutionary institutions



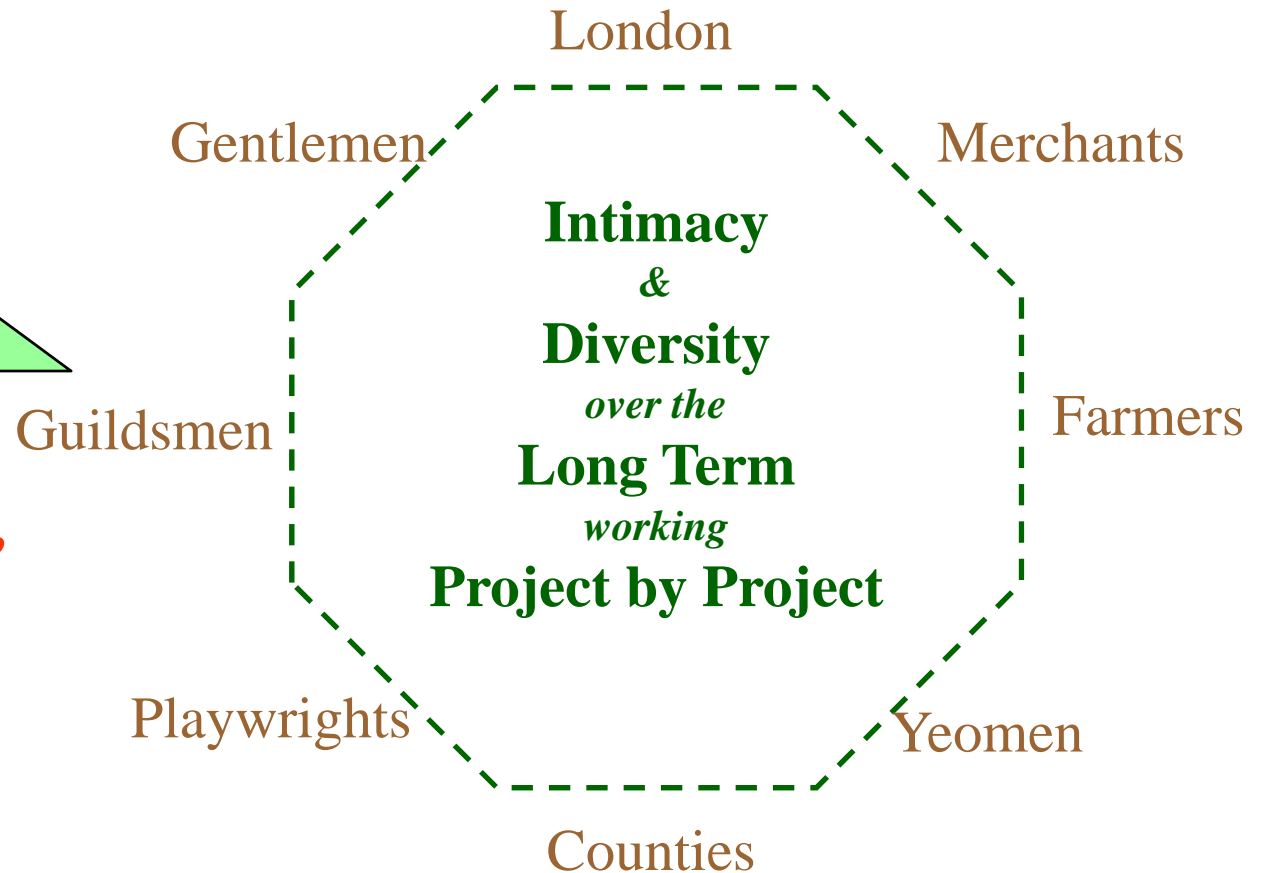
Sources: Schools: Nicholas Orme, 1976; Parliament: Ronald Butt, 1989;
Universities: Jacques Verger, 1999

Engagement – practical & local



*“Neighbourliness”
a central virtue*

*Across & within
social divides*



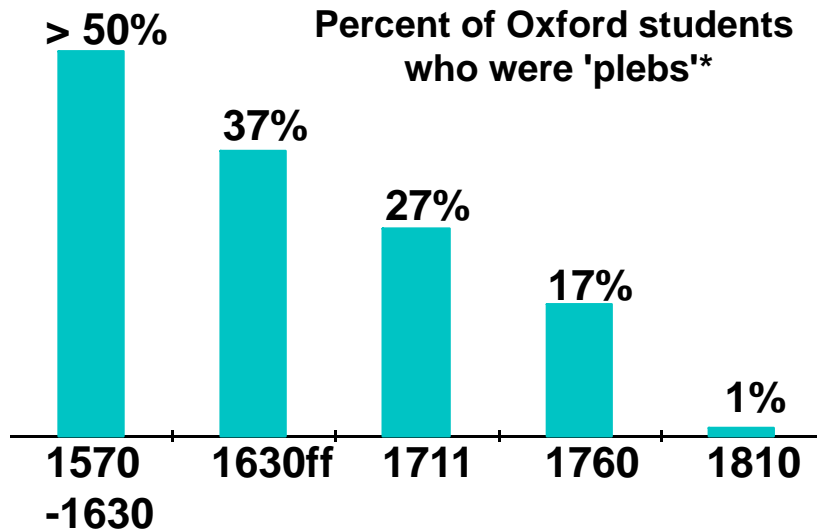
Creation of the “Dispersed University”

1660ff: Decline of Oxbridge & Inns

- higher fees
- no dissenters allowed
- loss of reputation at Inns of Court

“Intellectual life was concentrated outside the universities and merged with practical affairs.”

*The most remarkable was the **Lunar Society of Birmingham** in which men such as Watt, Boulton, Wedgewood, Joseph Priestley and Erasmus Darwin met and exchanged scientific, philosophical and technical information. Many of these societies started in coffee houses which served not only as centres of business and the spreading of news, but as potential learned societies.”*



To be a 'gentleman':
Leisure, wealth & learning

Drivers of invention early England

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Engagement
& *aEsthetics*

Experiment
& *education*

Extremity
& *necessity*

Development

1960-2008

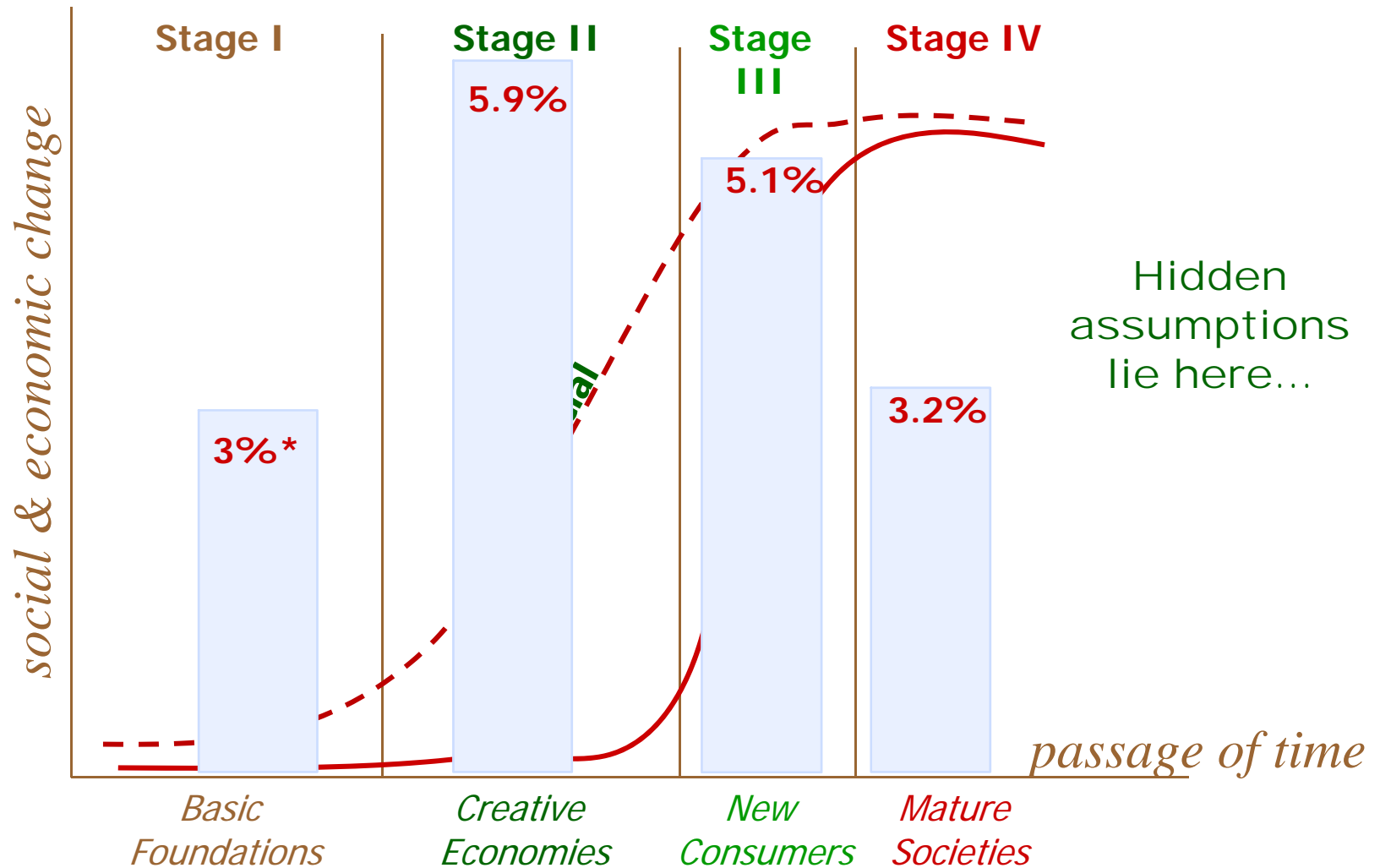
English Experience

Development

African clues

Barbets Duet

Two curves & four stages



* 1970-80 growth rates of countries according to 1970 dev't level

Development = industrialised society

*Preparing
people ...*

Health

Life expectation
infant mortality
Access to clean water

Education

Adult Literacy
School enrolment of boys & girls

Nature of Employment

Men in agriculture
as % of working men

Salaried & wage earners
% of work'g men & women

*... for industrial
production & consumption*

Consumption by Economy at Large

per capita
Investment
Foreign trade
Steel consumption
Energy consumption

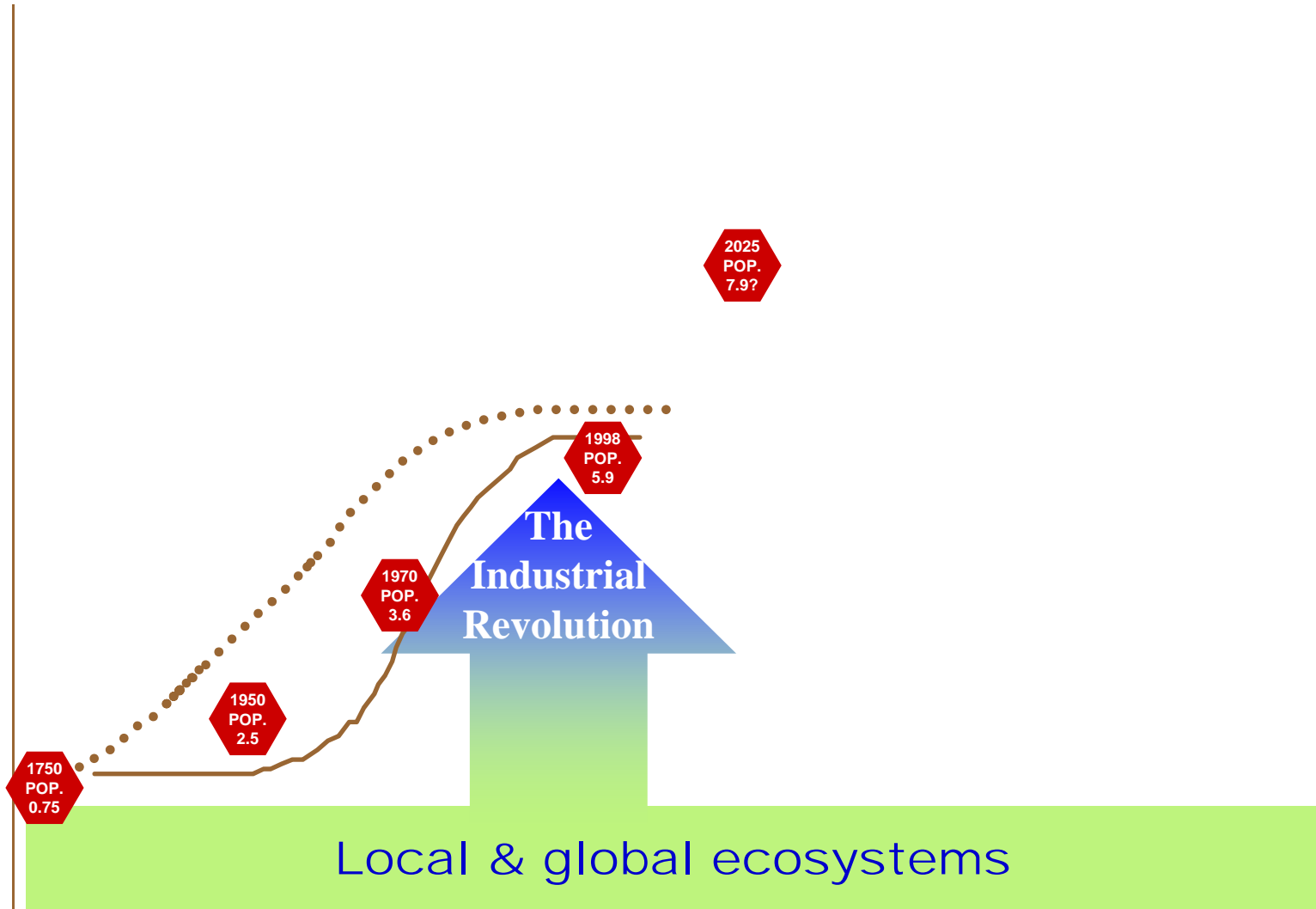
Production & Productivity

GDP – gross domestic product per capita
Agriculture production
per man in agriculture
Manufacturing production
per person in mf.
Professional & technical workers
as % of working population

Direct Personal Consumption

Daily newspapers in circulation
Telephones per 100,000 population
Televisions per 1,000 population
Animal protein consumption per head

The natural world will always support us

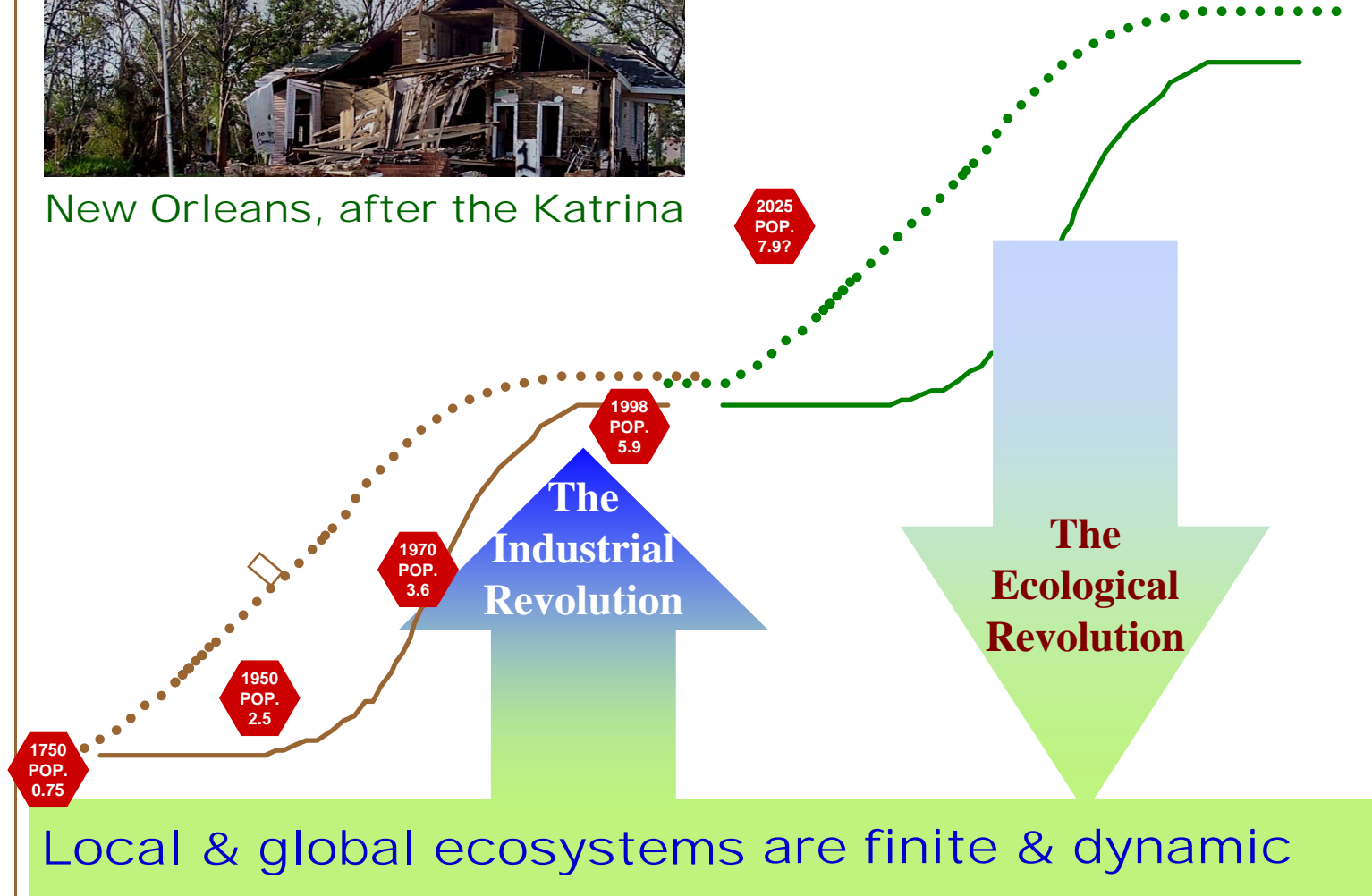


1750 POP. 0.75 *global population, in billions*

Hidden subsidies must be repaid

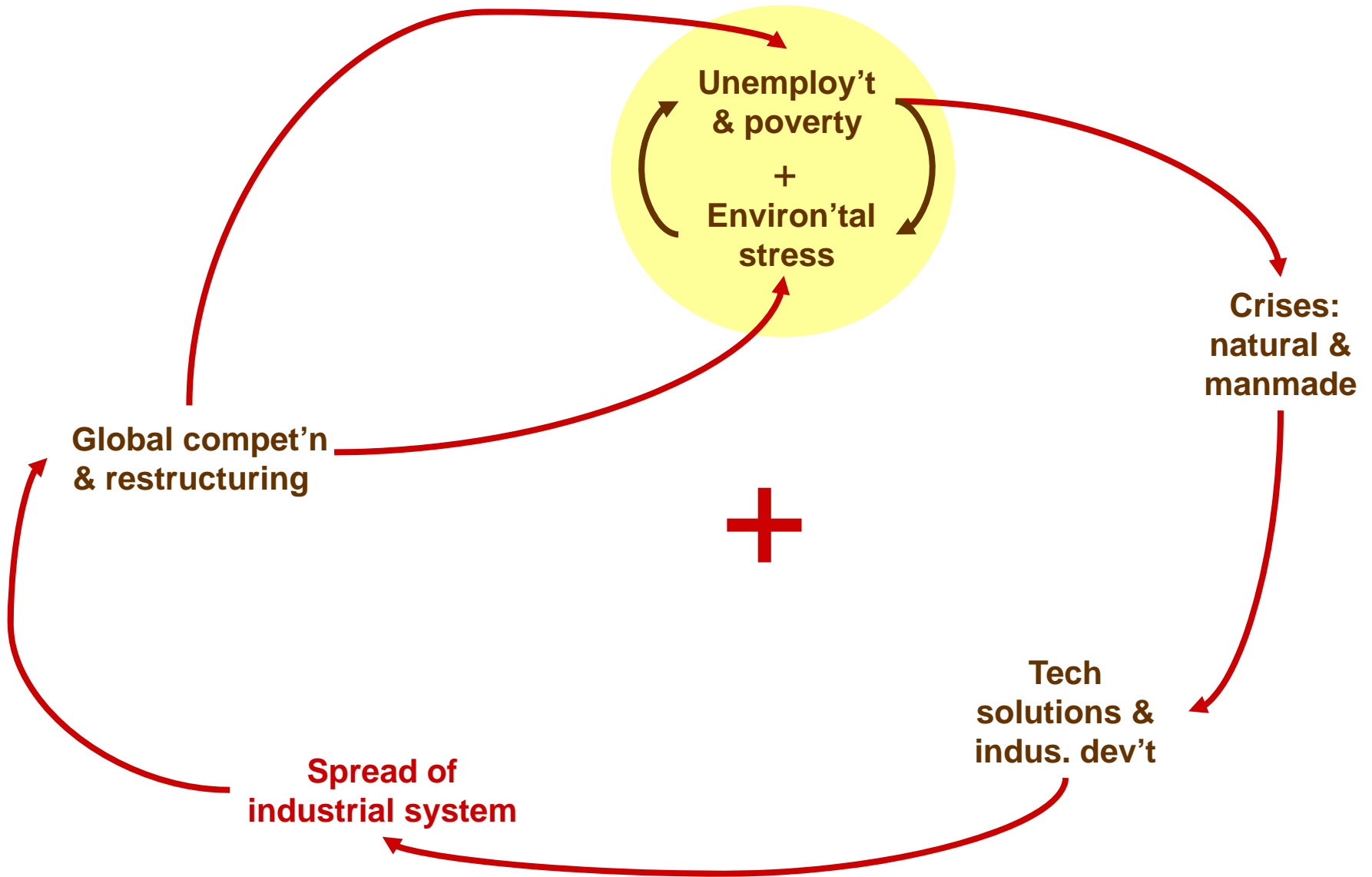


New Orleans, after the Katrina



1750 POP. 0.75bn POP. *global population, in billions*

Development today

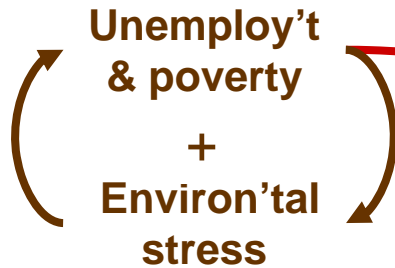




Places to intervene



Sell resources, buy political time
Logging, mining, oil, etc.



Crises:
natural &
manmade

Global compet'n
& restructuring

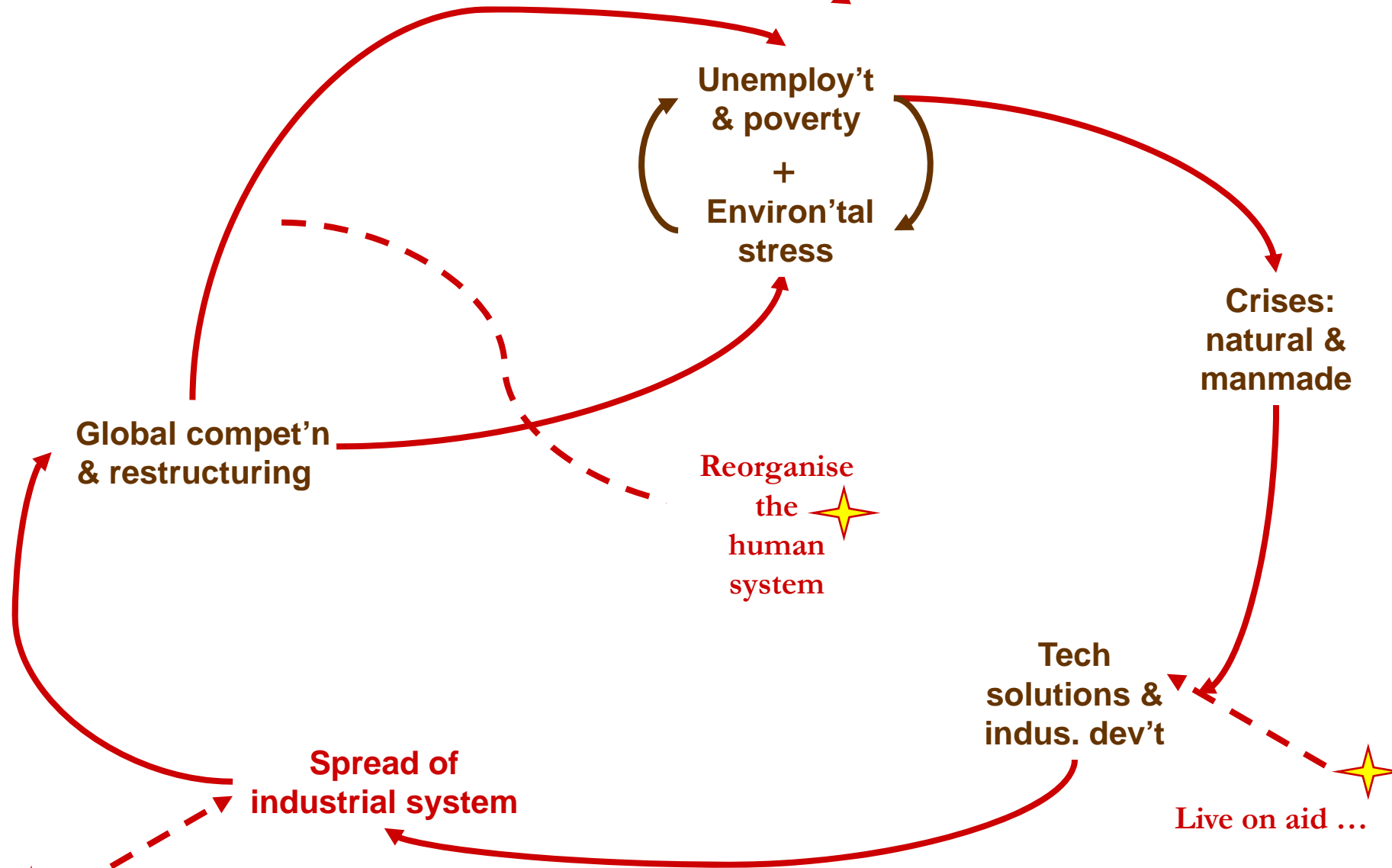
Reorganise
the 
human
system

Tech
solutions &
indus. dev't

Live on aid ... 

Spread of
industrial system

 Don't start ...



African Clues

?????-2008

English Experience

Development

African clues

Barbets Duet

For 19th century Europeans, Africa was

An 'invisible' society

An oral society

Multiple languages

Multiple ecologies

Multiple political forms

Not using the abundance of their natural world

BACKWARD & PRIMITIVE

Was this abundance created by Africans?

An 'invisible' society – living lightly on the land

An oral society - living in 3 dimensions

multiple languages reflecting

multiple ecologies which created

multiple political forms

Increasing the abundance of all life

LIVING ECOLOGICALLY

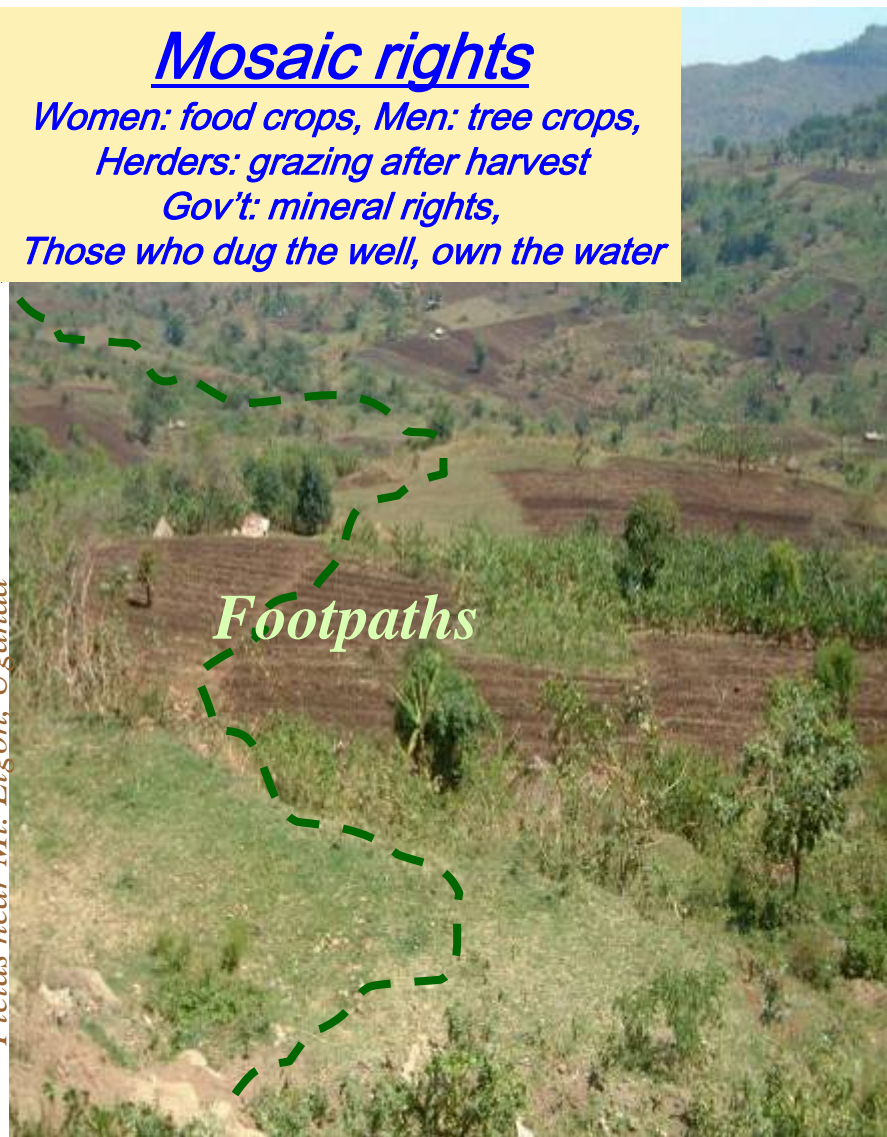
Mosaic Rights & Column Rights

Mosaic rights

Women: food crops, Men: tree crops,
Herders: grazing after harvest
Gov't: mineral rights,
Those who dug the well, own the water

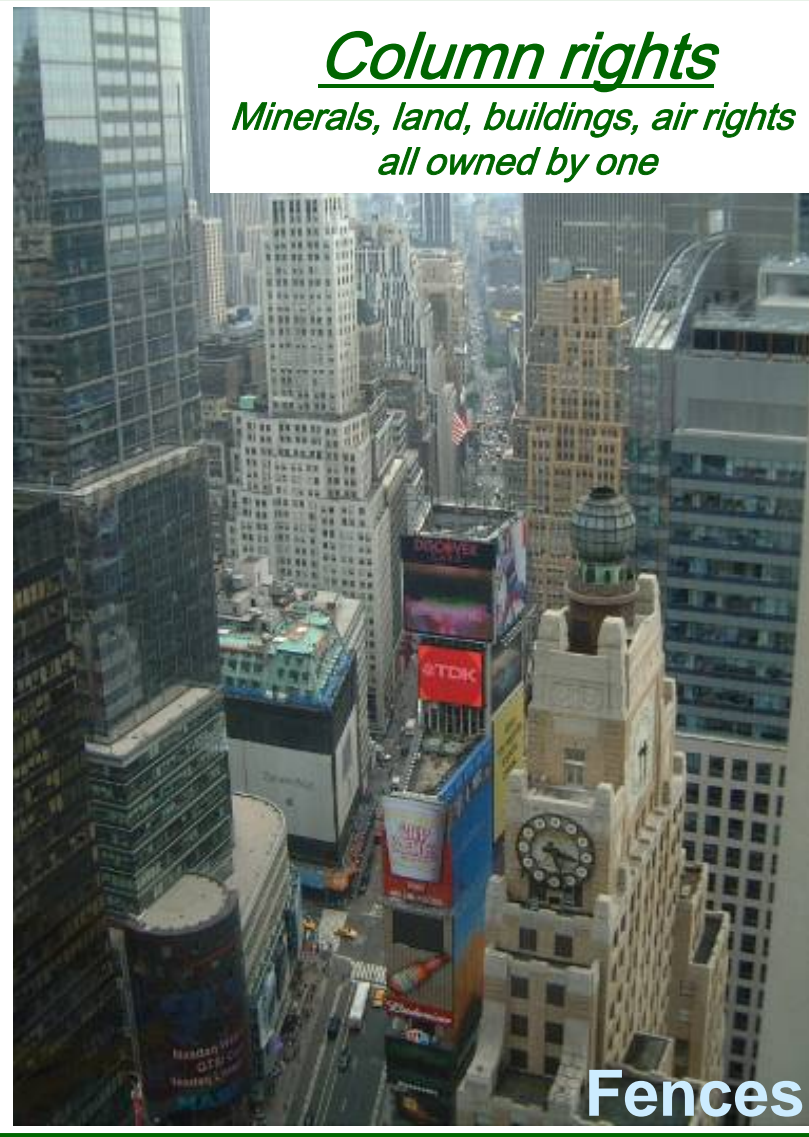
Footpaths

Fields near Mt. Elgon, Uganda



Column rights

Minerals, land, buildings, air rights
all owned by one



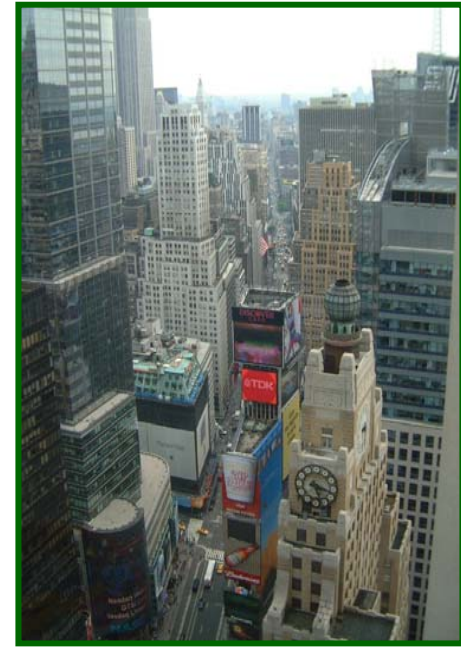
Downtown NY, from Times Square

Mosaic rights → high social equity, high biodiversity;
Column rights → successful markets

Different attitudes to crises & change

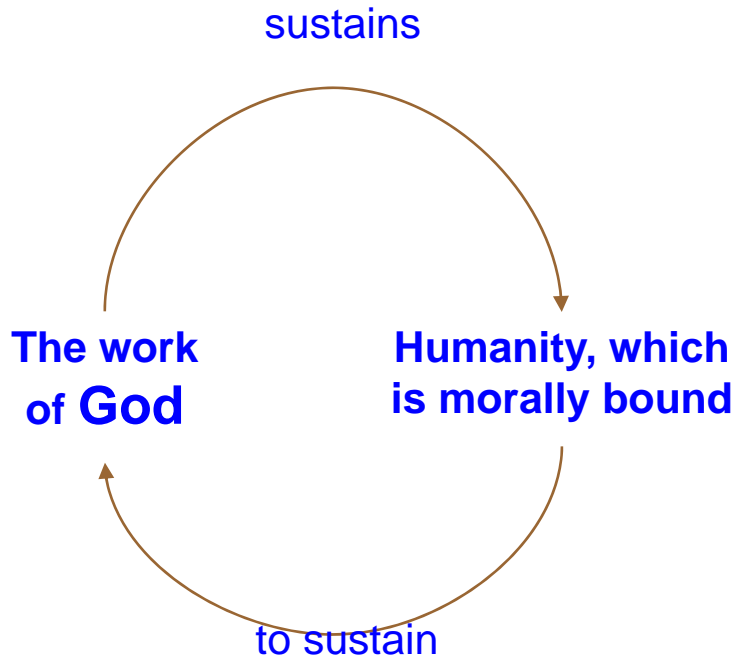


- Extreme events are normal & frequent.
- Human damage is temporary & quickly reversed.
- The world is changeable; we must be ready to adjust.



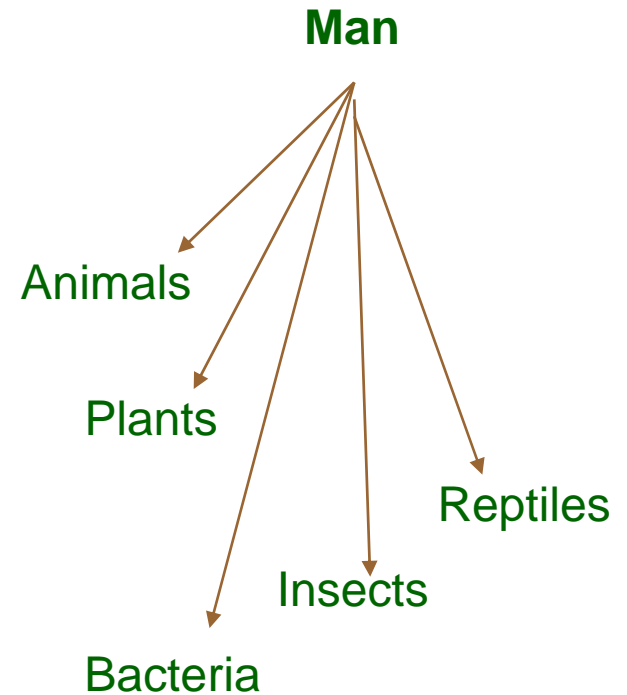
- Extreme events are abnormal & infrequent.
- Human damage is permanent; losses hard to restore.
- Production can be maintained thru wise mgt.

Resilience & production



Ecology of resilience

= diversity
= slowness
= small scale



Ecology of production

= homogeneity
= speed
= large scale

Barbets Duet

Experiment & engagement

2006 - ????

English Experience

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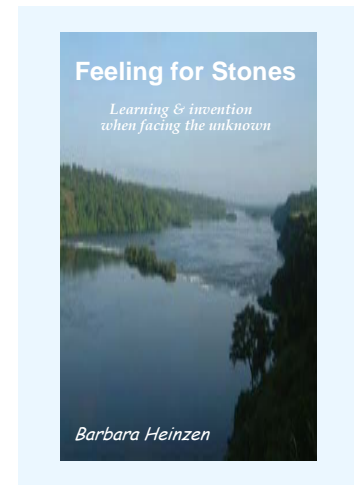
Early English Lessons in Systemic Invention

E

Engagement
& aEsthetics

Experiment
& Education

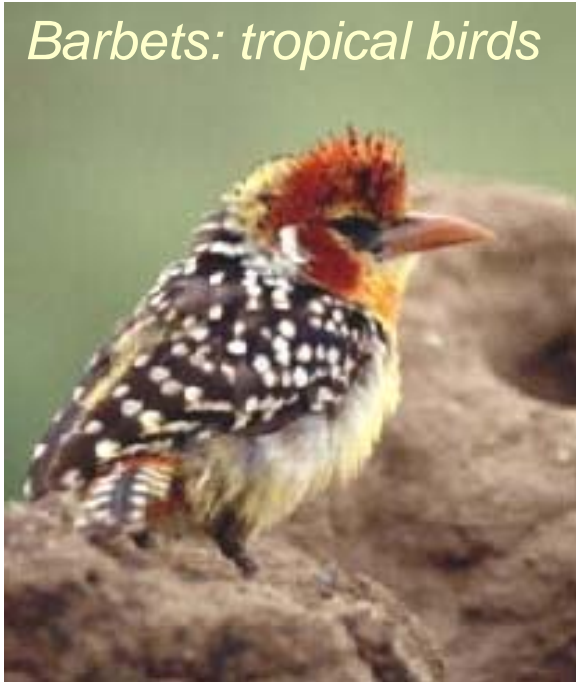
Extremity
& NEcessity



Barbets' Duet

A Business Idea, Not a Charity

Barbets: tropical birds



SUPPORTING
people

who support
the
natural world

INVENTING
New institutions

e.g. property rights
& marketing
structures

LEARNING
from
2 cultures:
Africa + West

modern & traditional
on equal terms

who sing in duet



Tanzania, Mar 2002



Society for International Development East African scenarios work 1997-2008

Ten years of social capital



E. Africa, Nov 2006

E. Africa, May 2007



Politics of learning in E Africa

29/30 April 2008

Launch of
East African Scenarios

Kigali, Rwanda



Uganda, 2003

Learning from two cultures

Mosaic rights

Women: food crops, Men: tree crops,
Herders: grazing after harvest
Gov't: mineral rights,
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Footpaths

Fields near Mt. Elgon, Uganda

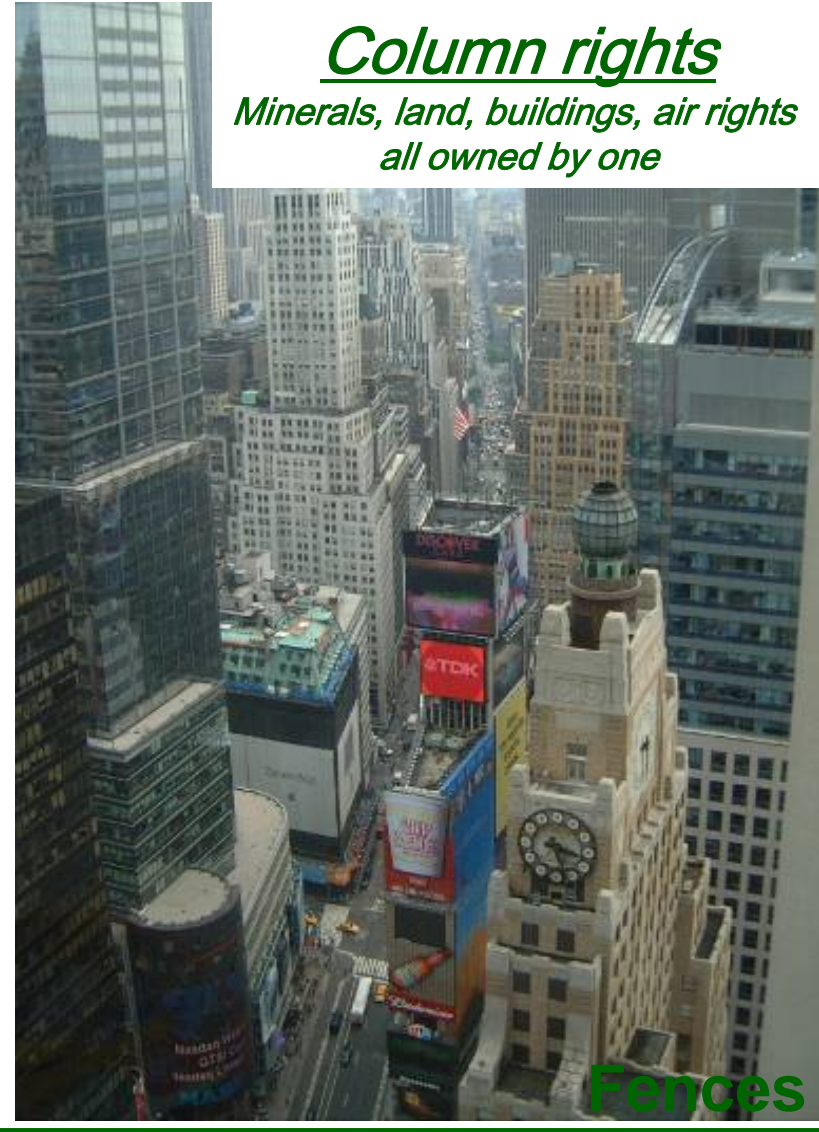


Column rights

Minerals, land, buildings, air rights
all owned by one

Fences

Downtown NY, from Times Square



Mosaic rights → high social equity, high biodiversity;
Column rights → successful markets

4 Learning Sites, Feb 08: “Just Begin”



Oby Obyerodhyambo
land in Seme, W. Kenya



**Mwajuma Masaigana
& Msi Choke Coop've**
Coastal Tanzania



Developing plans
for
Barbet sites
In Kenya, Uganda
Tanzania



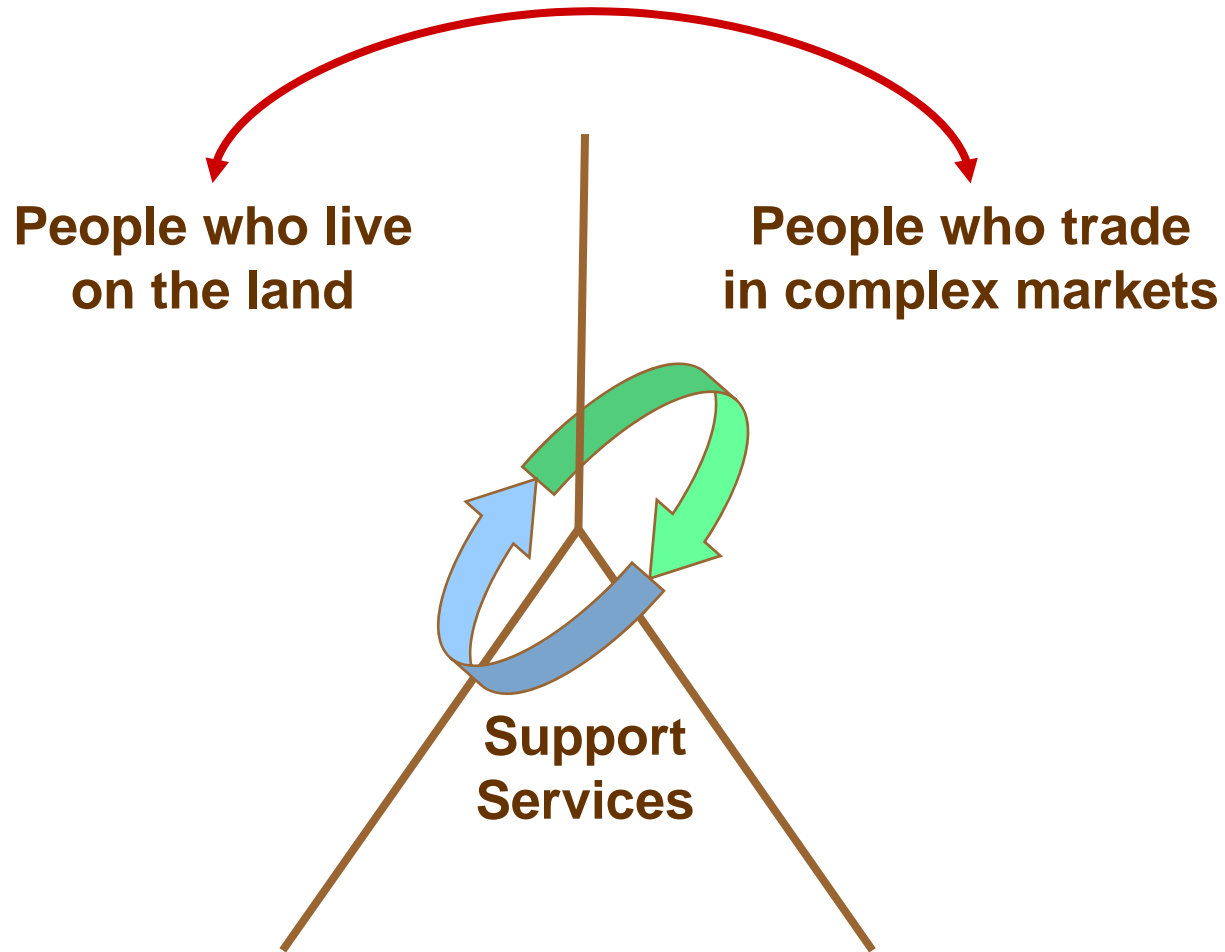
Sammy Muvelah
*land in Lukenya,
outside Nairobi*



Magode Ikuya
Eastern Uganda

Principal Relationship: People & Markets

From October 2006 Conceptual Framework



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Barbets Duet: 2008 - ?????