



Figure
5-1

ECONOMIES-LANDSCAPE

Overview mappings: the deeper economic mind, economic nexus, metabolisms and alternative futures

a) 'DEEPER ECONOMIC MIND'

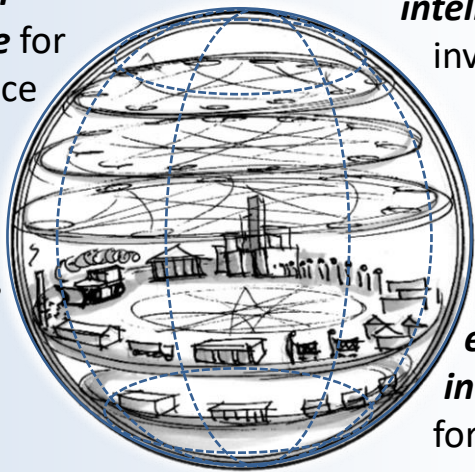
Connexus of multiple layers / domains of value & logic

Economic-political intelligence for governance

Financial intelligence for investment

Material economic intelligence for value chains

Social-economy intelligence for livelihood



Underlying systems:
energy, resources, capitals

b) ECONOMIES-NEXUS

Contradictions & challenges in economic systems

FINANCIAL:
Extraction & instability

SOCIAL:
Hyper-consumption, inequality, exclusion

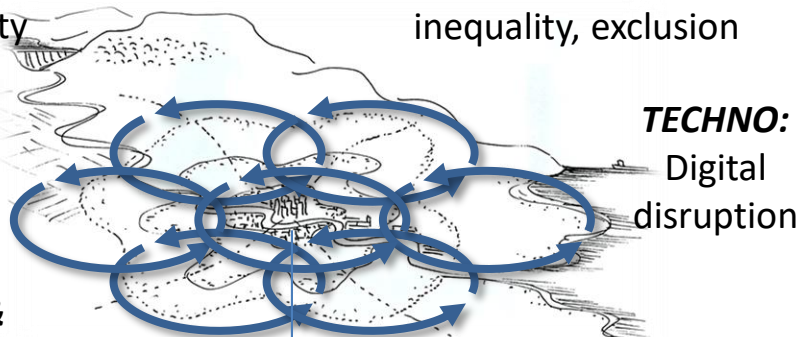
POLITICAL:
austerity, privatization

TECHNO:
Digital disruption

LOCAL & REGIONAL:
Dependency & race to bottom

ECONOMIC CYCLE:
precarious work, boom & bust:

ECOLOGICAL:
'apocalypse soon'



c) ECONOMIC METABOLISM

Simple concept model of 'circular flow of money'

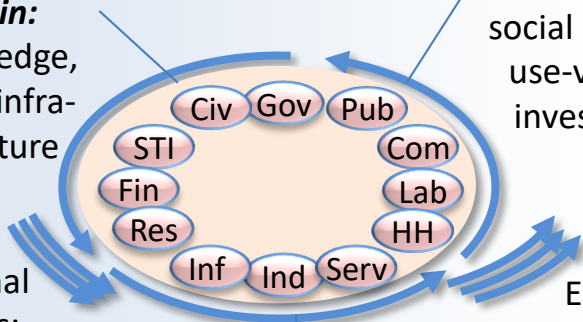
Civic value chain:
knowledge, skills, infrastructure

Demand chain:
social & public use-value & investment

External inputs:
imports, finance, resources etc

Supply chain:
products & services

External outputs:
exports, pollution etc



d) ECONOMIES-III METABOLISM

Concept model of 'circular flow of value multiplicity'

CIVIC VALUE CHAIN

DEMAND CHAIN

Cultural economy

Public economy

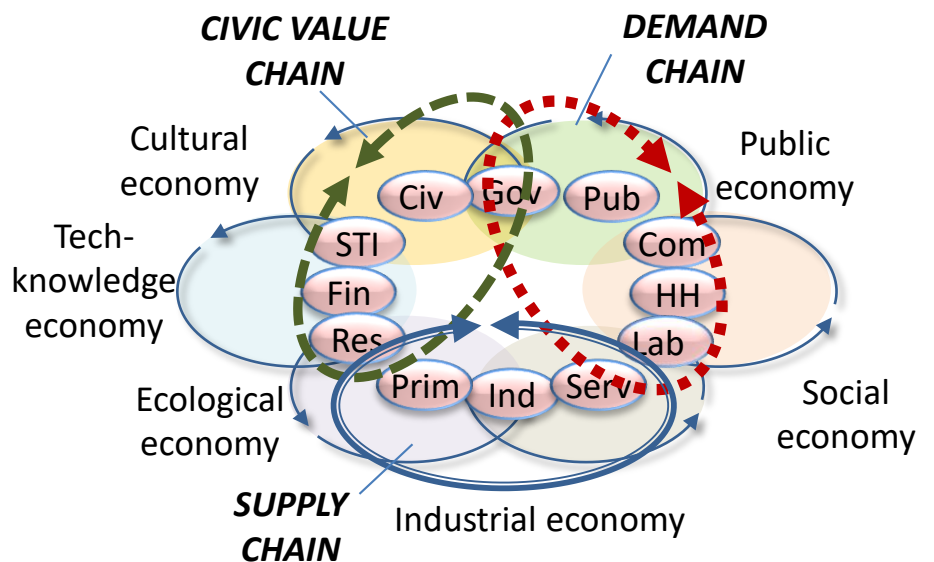
Tech-knowledge economy

Ecological economy

SUPPLY CHAIN

Industrial economy

Social economy



e) ECONOMIES-SCENARIOS

GLOBAL / MACRO DYNAMIC



Global finance & supply chains, robots versus workers, digital surveillance

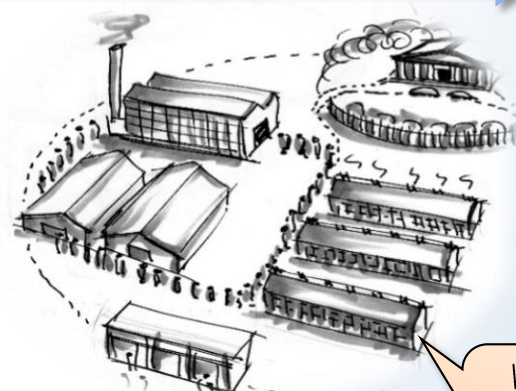
Inequality is the price of progress

PRIVATE/ ENTERPRISE VALUES

Local free-market grey-black economies, wealthy enclaves & social exclusion

We can make anything if the price is right

REGIONAL / LOCAL DYNAMIC



PUBLIC/ COMMUNITY VALUES

Global economic systems, rapid innovation, stable finance & social solidarity

We re-use everything & compost it to make sure

Community-based social economies, local finance, slow tech

Everything here is planned, it's better that way

**Figure
5-2**

LOCAL-ONOMICS-III

Local / urban / regional economies in evolution & co-evolution

a) INDUSTRIAL REVOLUTION-I

Obsolete industries

Investors / entrepreneurs leave

Redundant labour & skills

Shipping goes to super ports

The workers are on strike but their jobs are obsolete

b) POST-INDUSTRIAL EVOLUTION-II

Heritage is a tourist commodity

Fragmented & precarious jobs

Communities shattered & scattered

CBD expands & pushes out workers

Waterfront regeneration

Cruise ships & super-yachts

Some might find jobs in cafes & call centres

c) INDUSTRIAL CO-EVOLUTION-III

Multi-versity learning for business hubs & clusters

Cultural heritage is community resource

Social enterprise & foundational economy

Mutual finance with local collateral for social investment

In this local-omic city everyone has a livelihood

Creative cultural exchange

Blue-green economy, eco-tourism, bio-tech

d) LINEAR ECONOMY-I

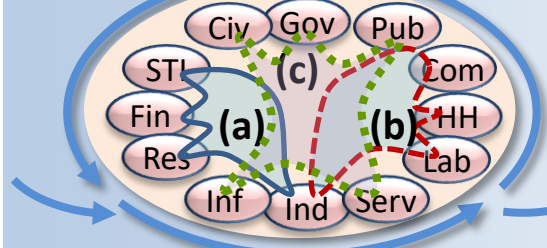
FINANCE

Extraction of wealth towards centre

Dumping impacts on periphery

Dynamics of decline:
a) Disinvestment
b) Brain drain
c) Infrastructure

ECONOMY



Social capital forms around industry

SOCIETY

Labour vulnerable to technology change

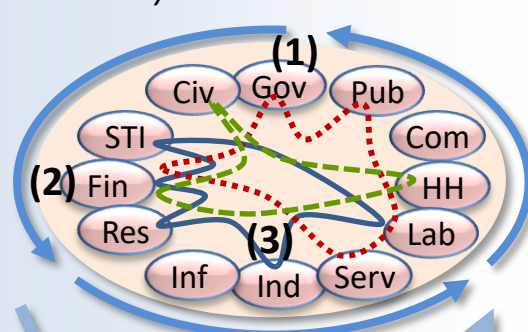
e) SMART ECONOMY-II

Global wealth extraction

GLOBAL FINANCE

Dependency of branch-plants

Dynamics of restructuring:
1) Privatization
2) Financialization
3) Mechanization



Social capital fragmented

Labour vulnerable to global markets

f) 'WISER' ECONOMY-III

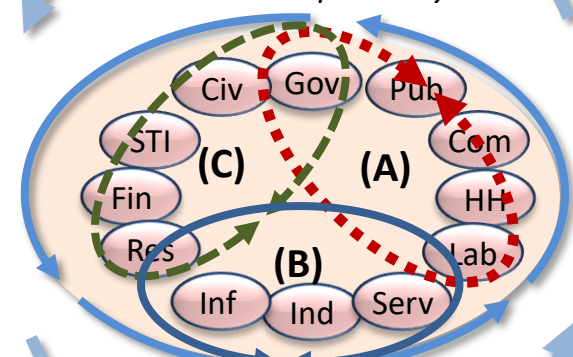
GLOBAL FINANCE

Global capital enables local collateral

LOCAL FINANCE

Local capital is diverse, resocializing, recirculating

Dynamics of renewal:
3 value chain pathways



Social capital via co-production

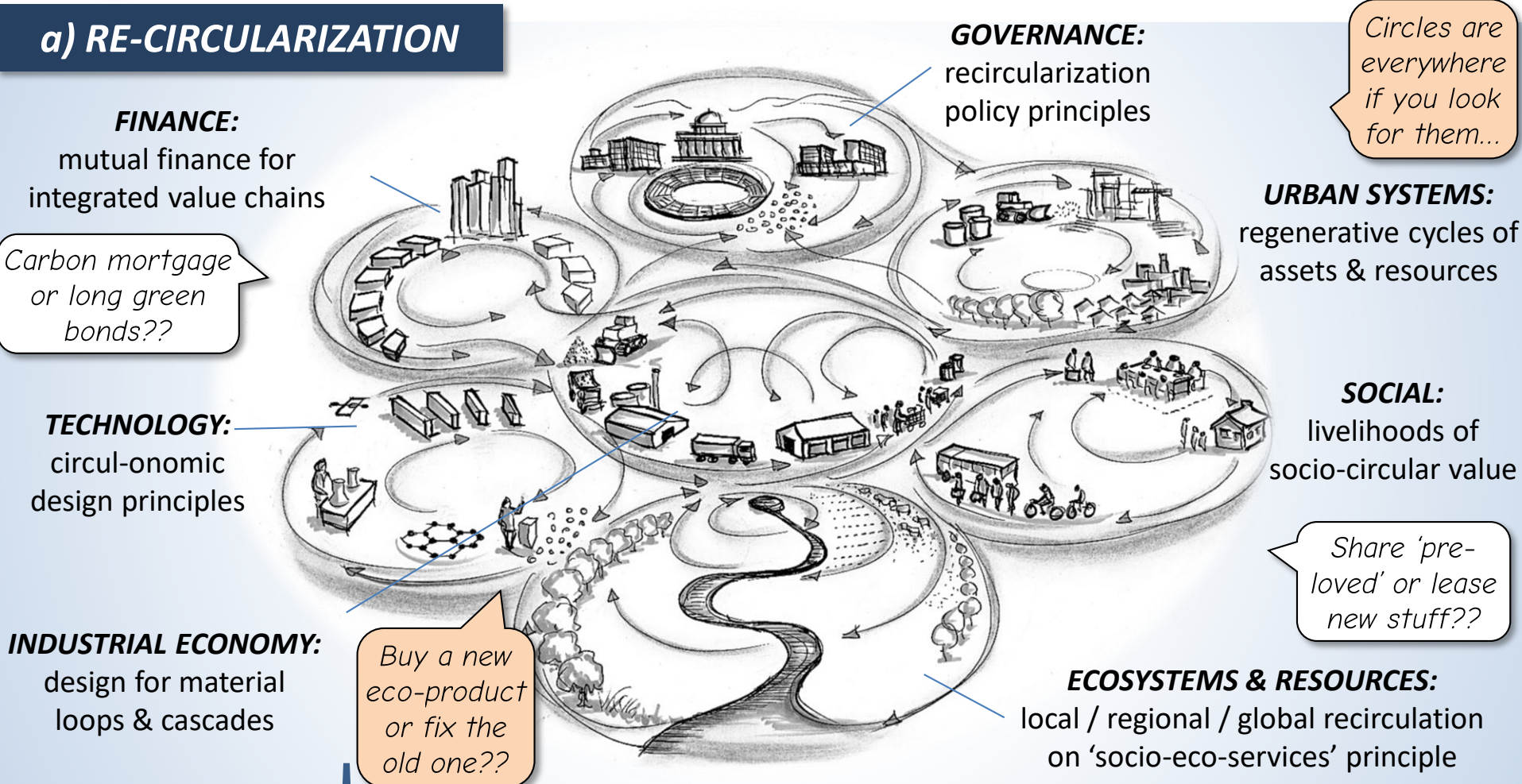
Labour resilience by diversity

Figure
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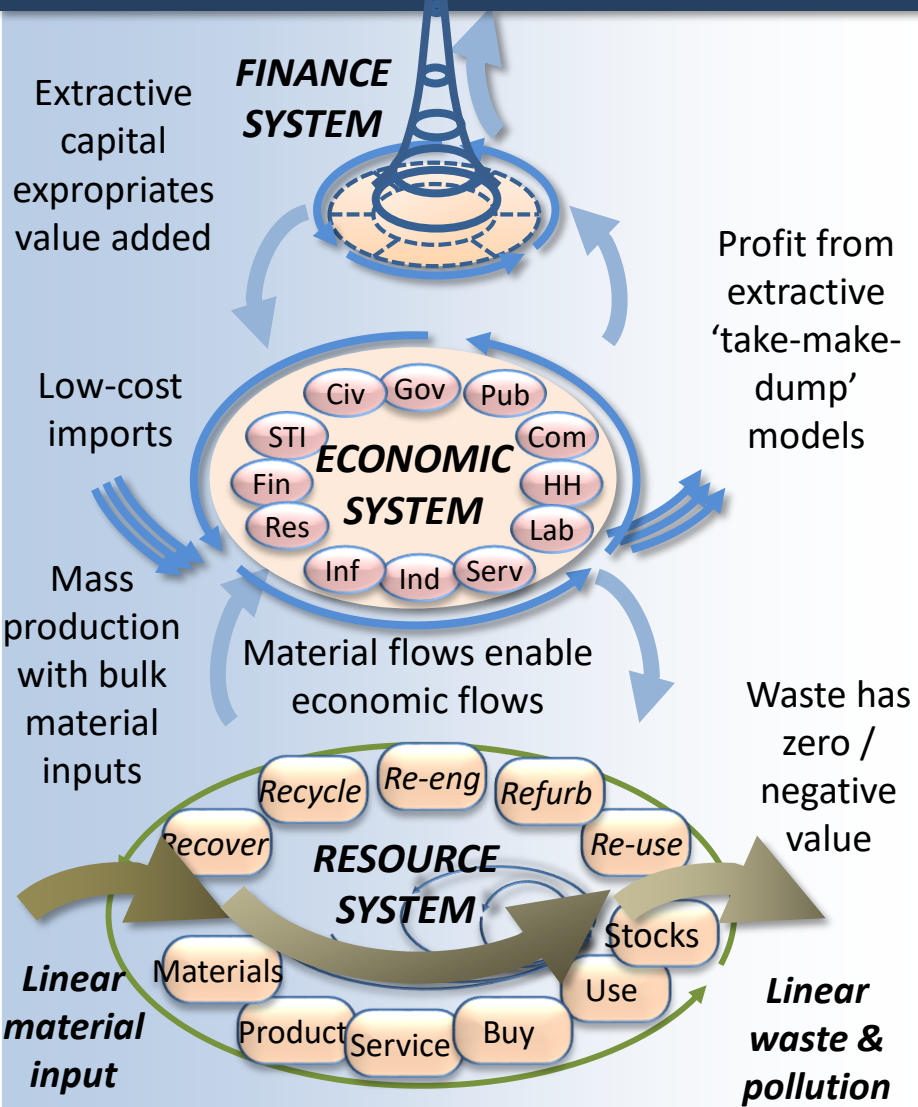
CIRCUL-ONOMICS-III

Co-evolution from linear to circular resource flows: with finance, social & public value

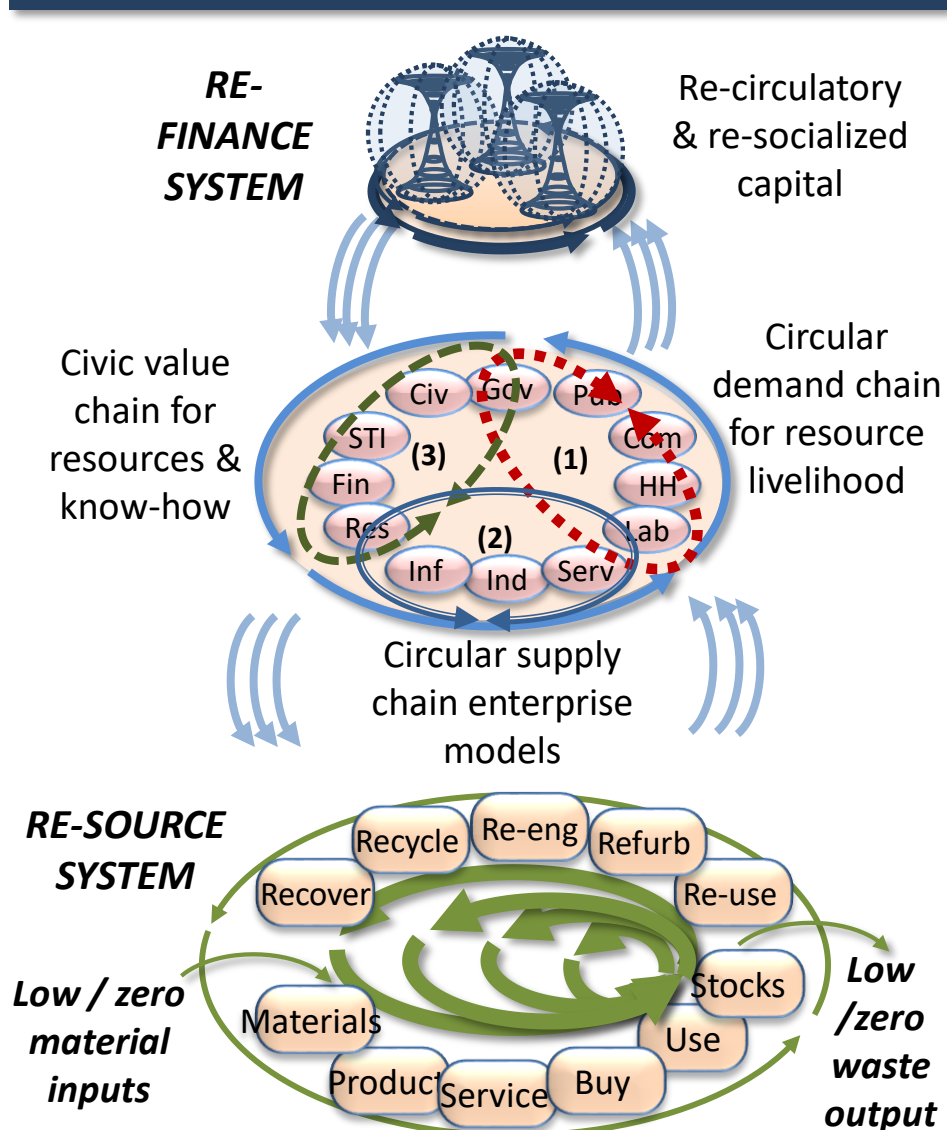
a) RE-CIRCULARIZATION



b) LINEAR ECONOMIES-I&II



c) CIRCULAR ECONOMIES-III



d) PATHWAYS

Socio-political gaps: culture of material consumption & obsolescence:

Techno-economic gaps: low ambition & myopic supply chains

Eco-financial gaps: short horizons promotes materialism & waste:

Circular livelihood (demand chain): mutual ownership for collective re-use of assets

Circular co-production (supply chain): markets & enterprises on service model

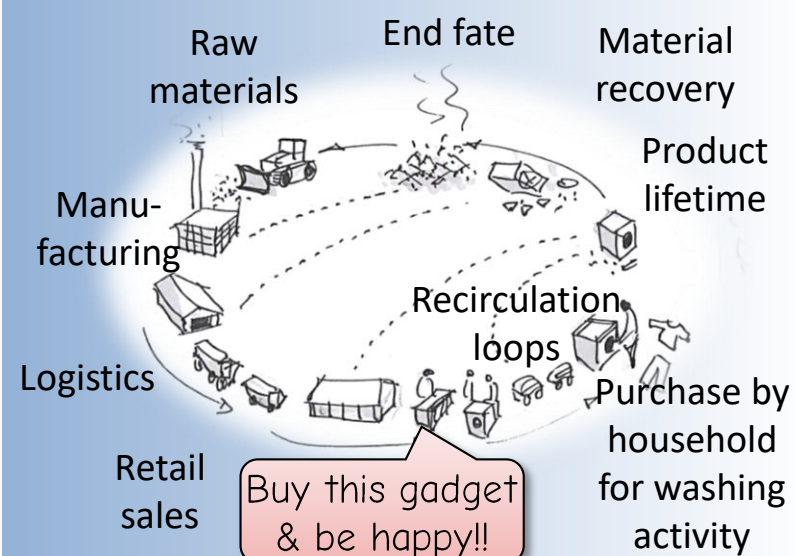
Circular investment (civic-chain): eco-social finance for whole chain innovation

Figure 5-4

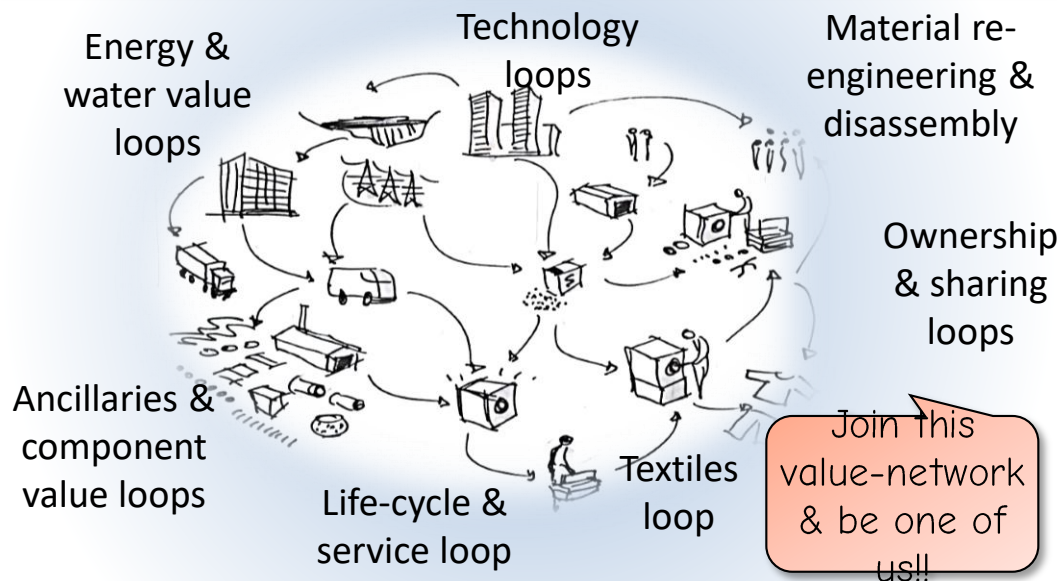
ENTERPRISE-III

Co-evolution from supply-chain business model, to value-constellation 'eco-social-enterprise' model

a) 'PRODUCT' VALUE CHAIN

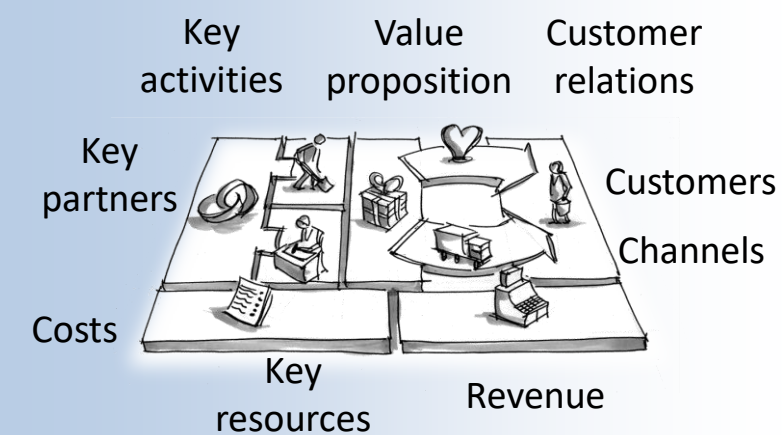


b) 'SERVICES' VALUE CONSTELLATION



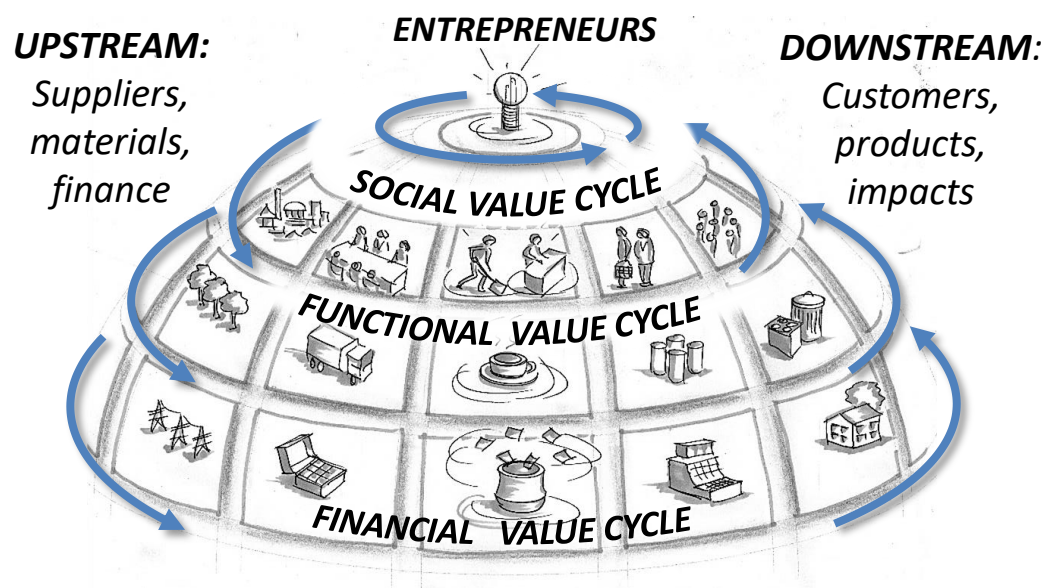
c) BUSINESS MODEL CANVAS-I&II

(Redrawn from Osterwalder et al 2010)



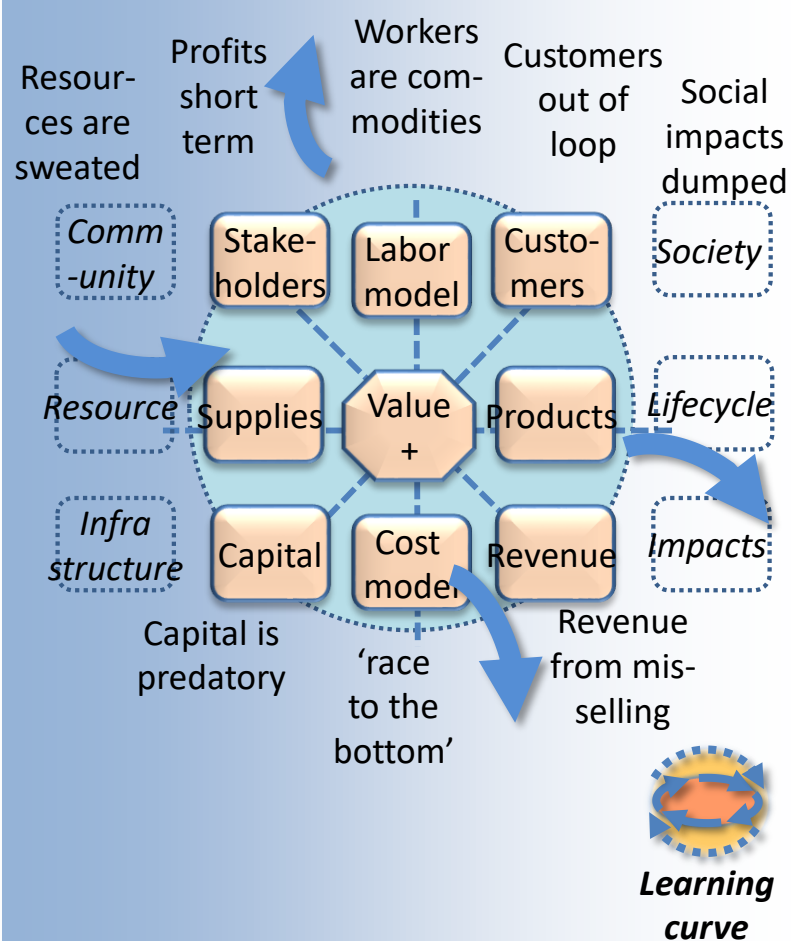
d) SOCIO-ECO-ENTERPRISE CANVAS-III

Adapted & extended with the synergistic framework



e) BUSINESS MODEL MAPPING-I&II

The Canvas re-arranged: 'worst practice' example



f) SOCIO-ECO-ENTERPRISE MAPPING-III

The Canvas extended: with best practice example

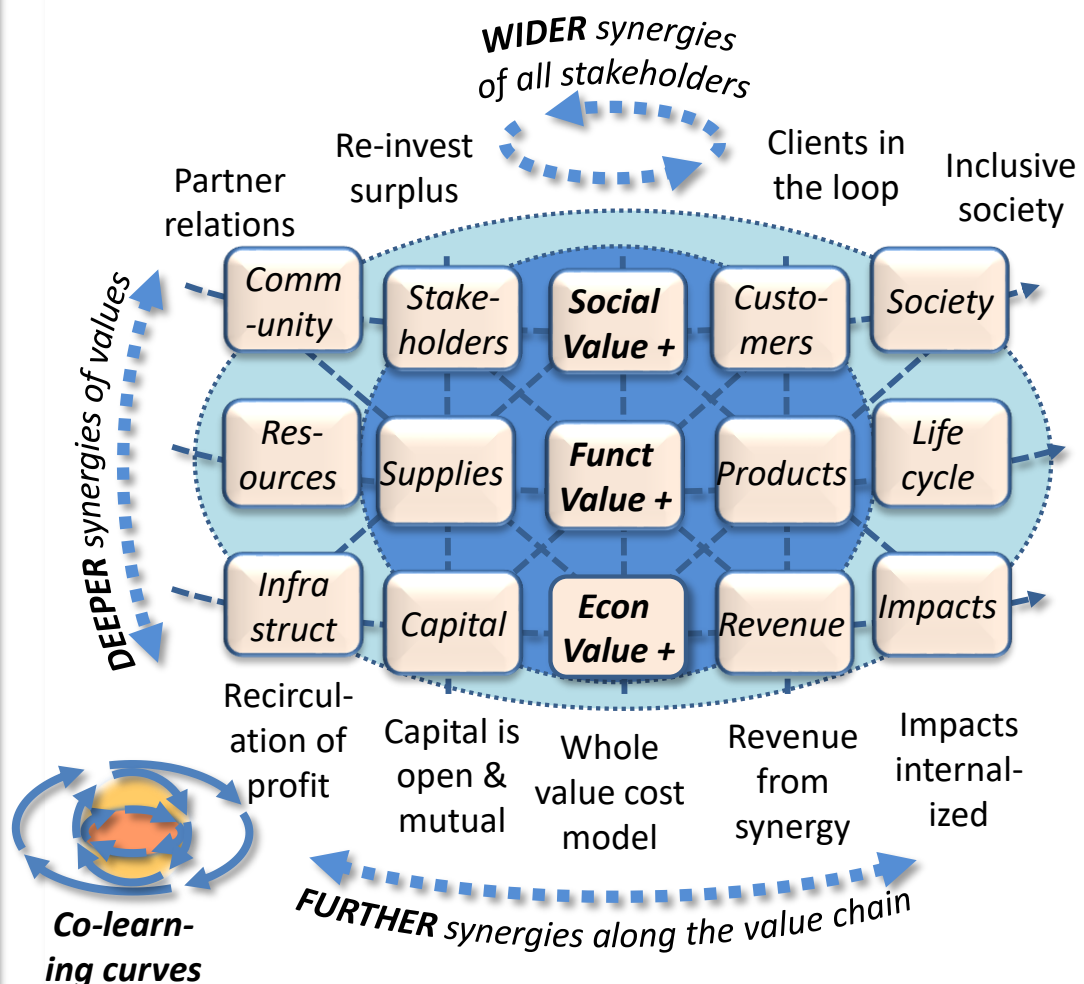
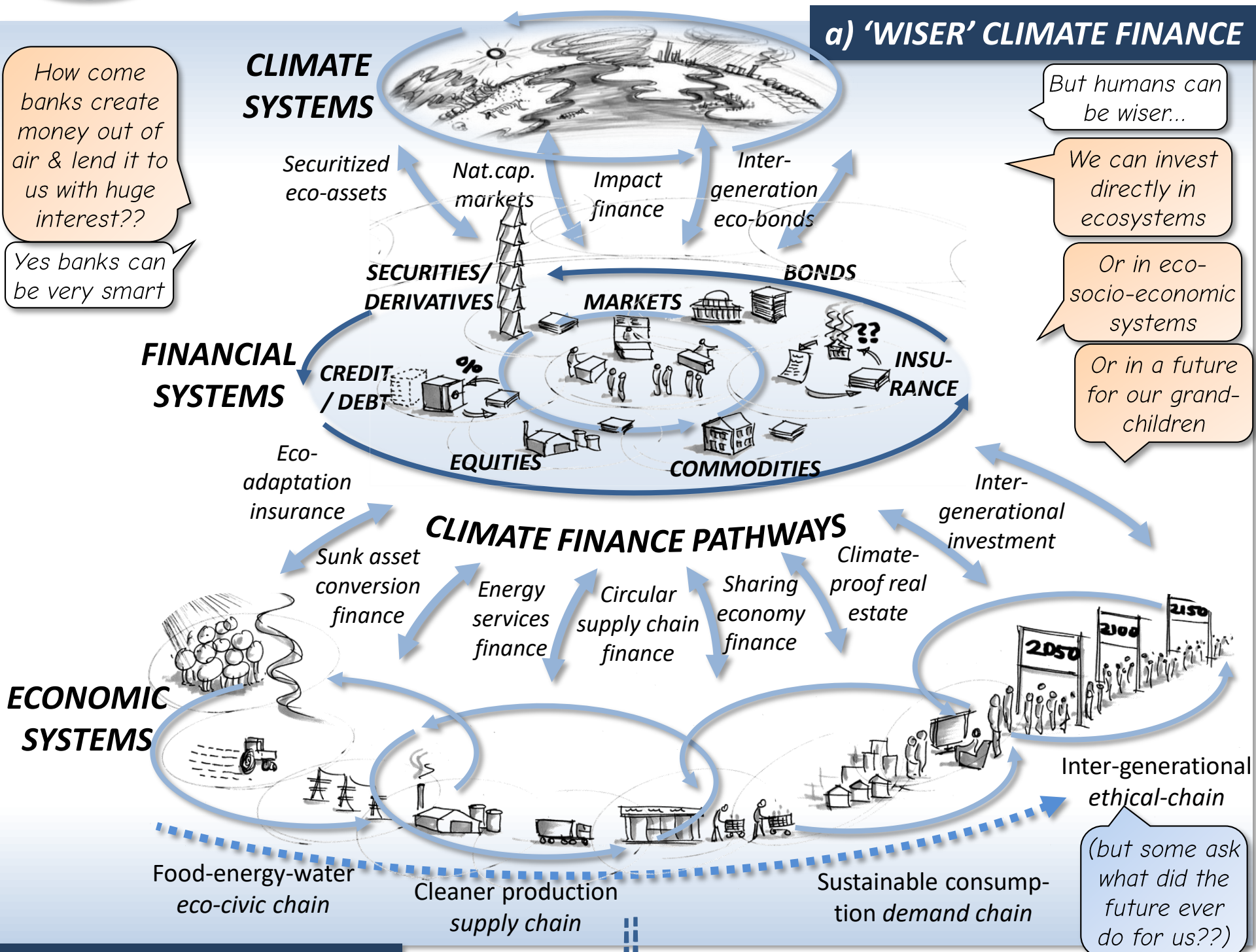


Figure 5-5

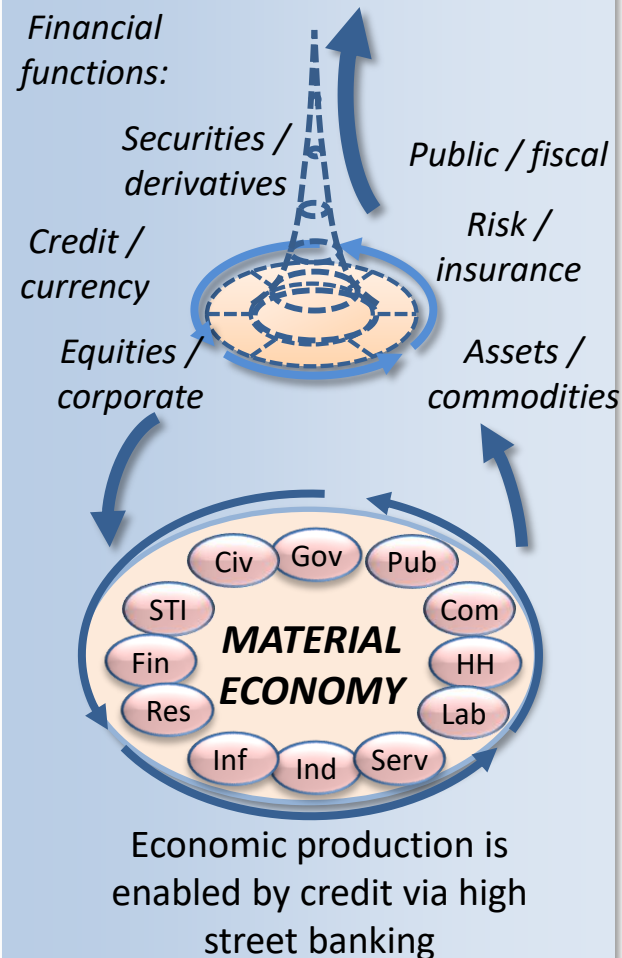
FINANCE-III

Overview of collective financial intelligence: with example of climate / carbon / eco-finance

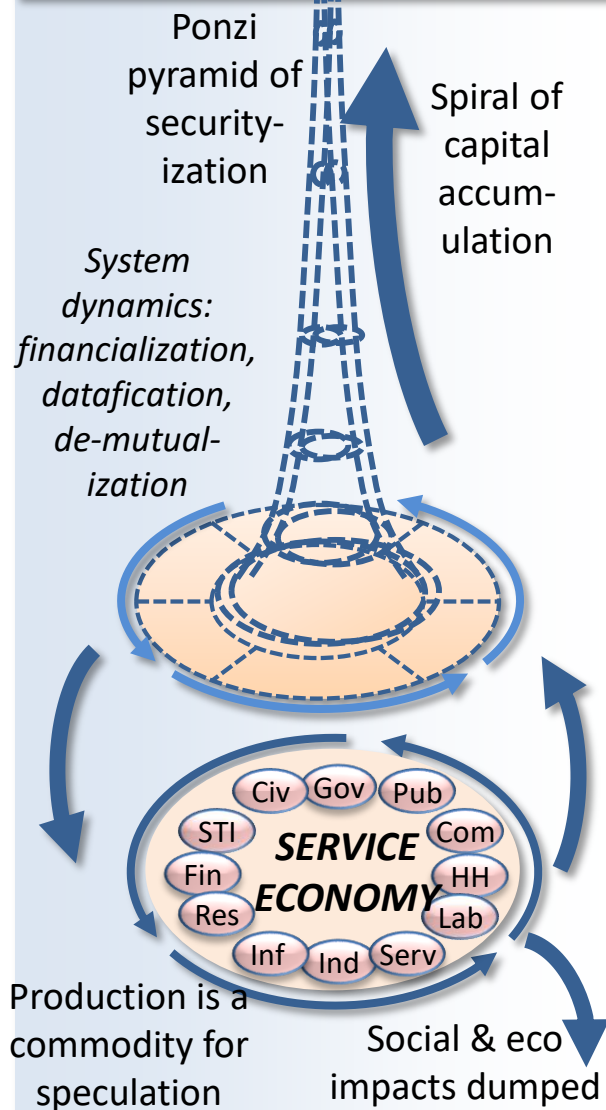


b) 'CLEVER' FINANCE-I

Finance for basic money creation & inter-mediation



c) 'SMART' FINANCE-II



d) 'WISER' FINANCE-III

Socio-eco finance recirculates a multiplicity of value

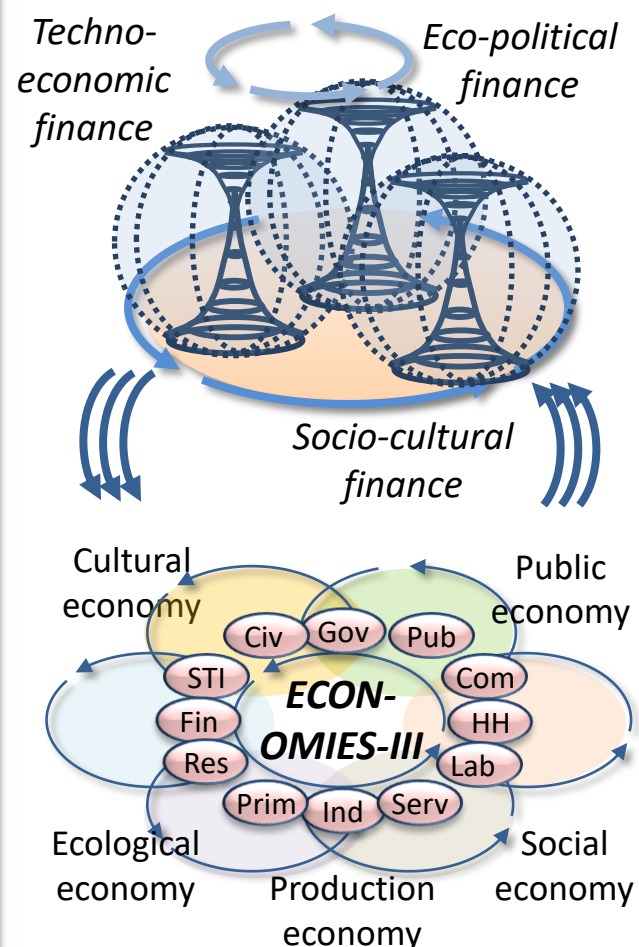
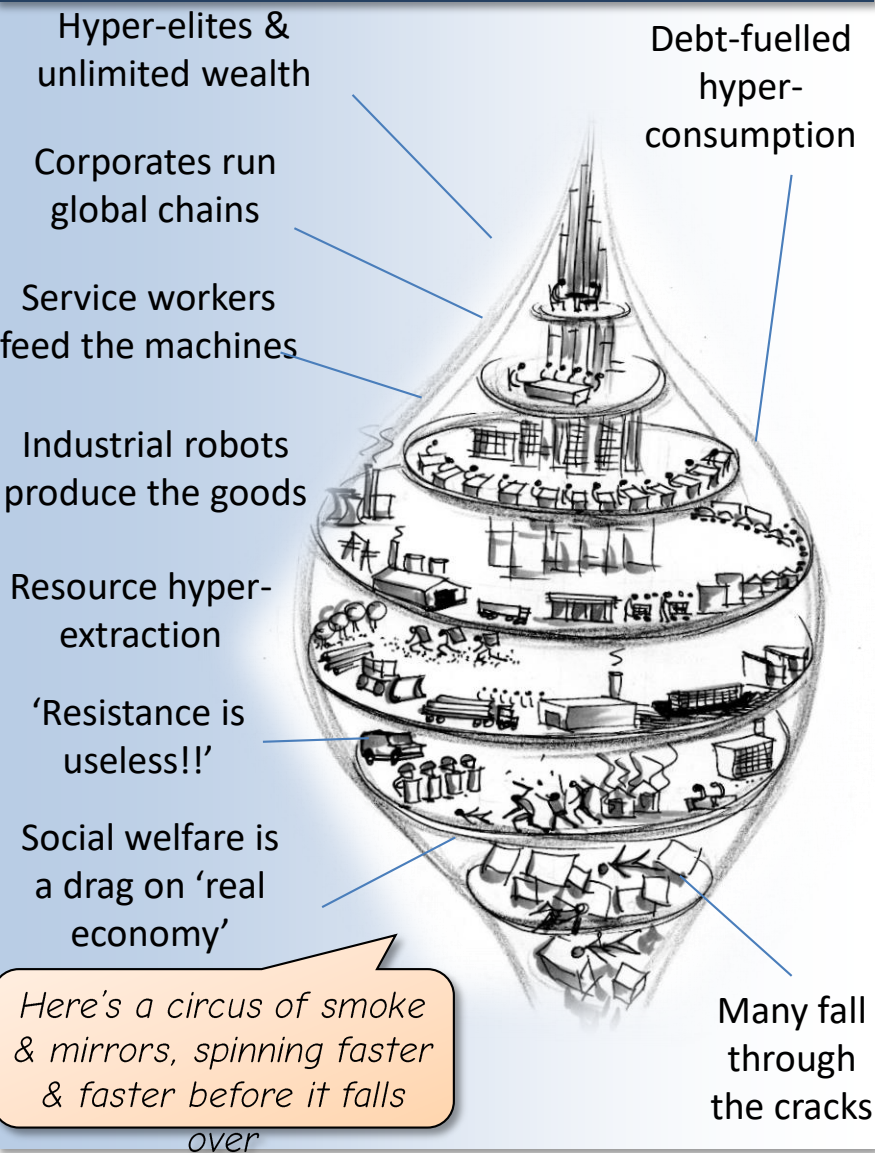


Figure 5-6

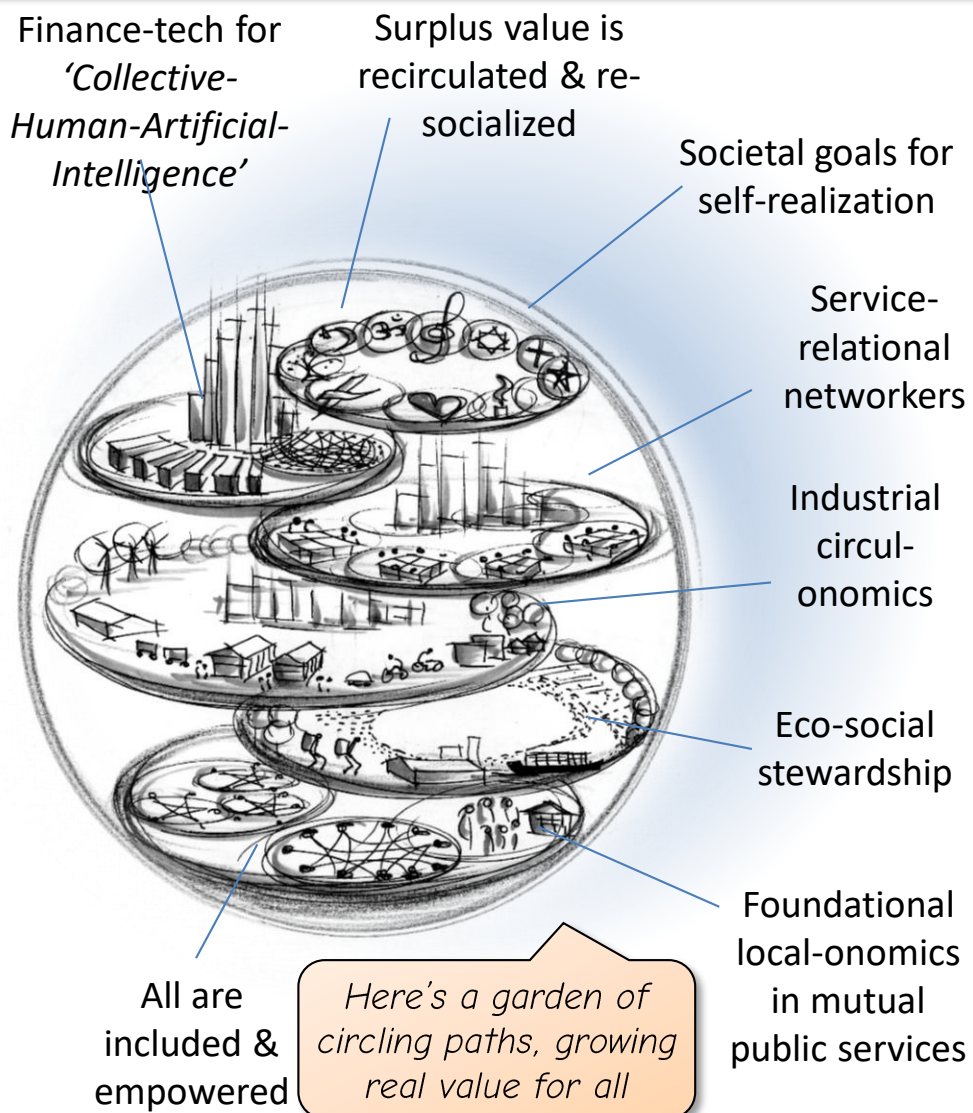
PROSPERITY-III

Transformation from evolutionary capitalism, towards a 'co-evolutionary co-opolism'

a) CAPITALISM-I&II

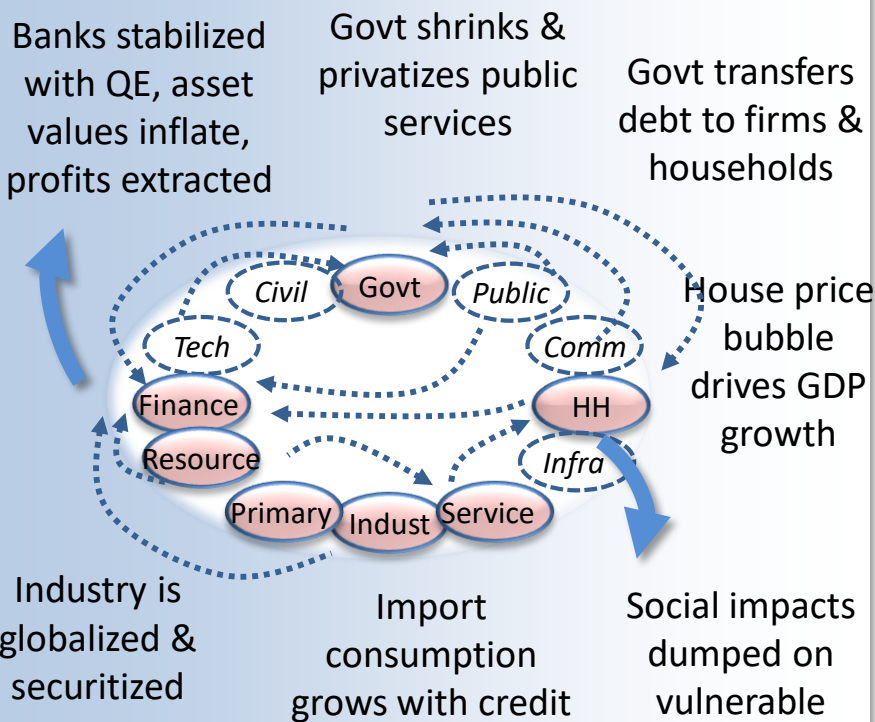


b) 'CO-OPOLISM'-III



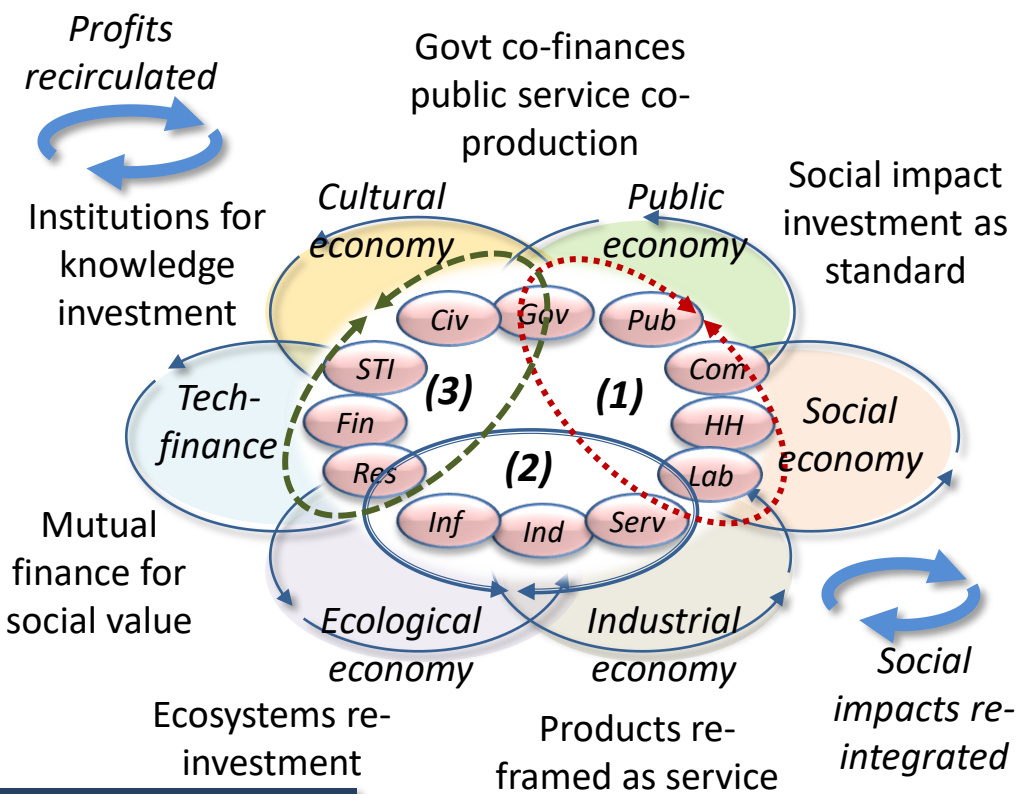
c) SYNDROMES of AUSTERITY-I&II

Circular money flow & political economy of austerity (UK)



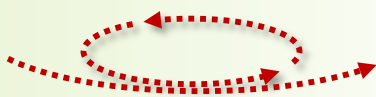
d) SYNERGIES of PROSPERITY-III

Recirculation of multiple values with synergistic pathways



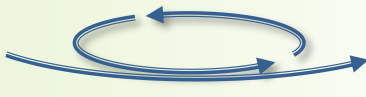
e) PATHWAYS

Financial-social gaps: extractive finance for myopic materialism



(1) Prosperity-livelihood (demand chain): mutual ownership for social enterprise

Techno-economic gaps: low skills / investment / trust & race to bottom



(2) Prosperity-co-production (supply chain): circular value chains with open innovation

Civic-political gaps: cognitive assets bypassed, finance is for elite



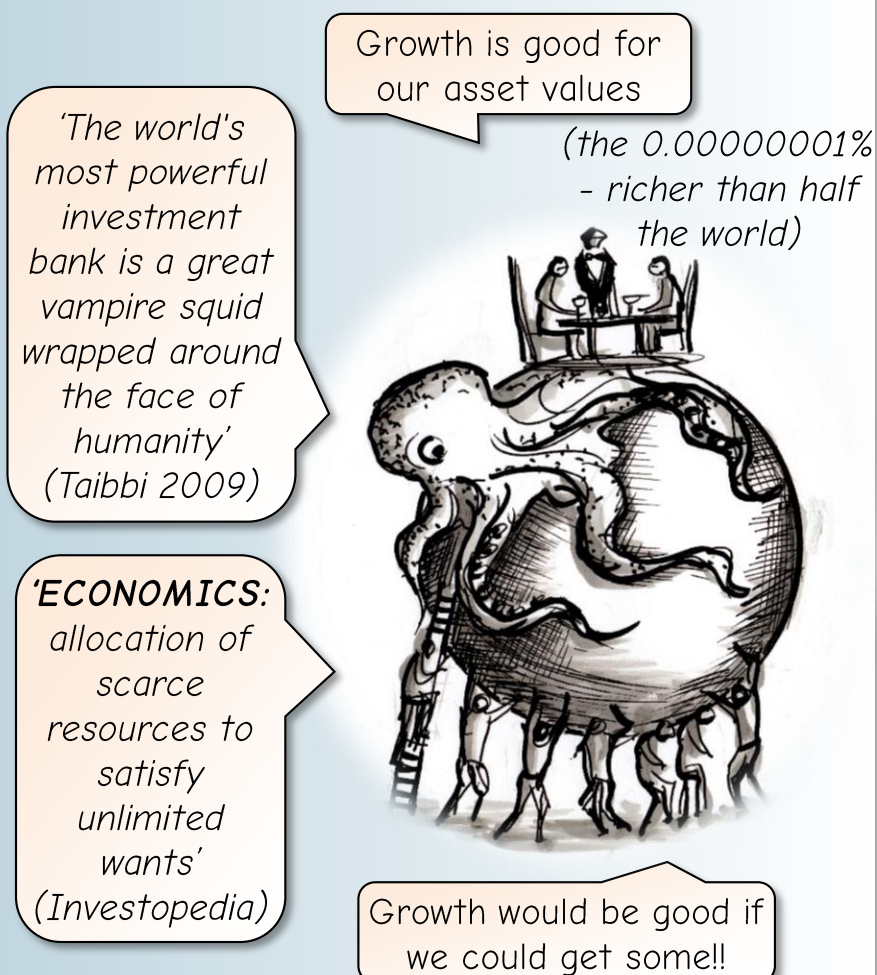
(3) Prosperity-democracy (civic chain): open tech, finance / land justice & eco-stewardship

Figure
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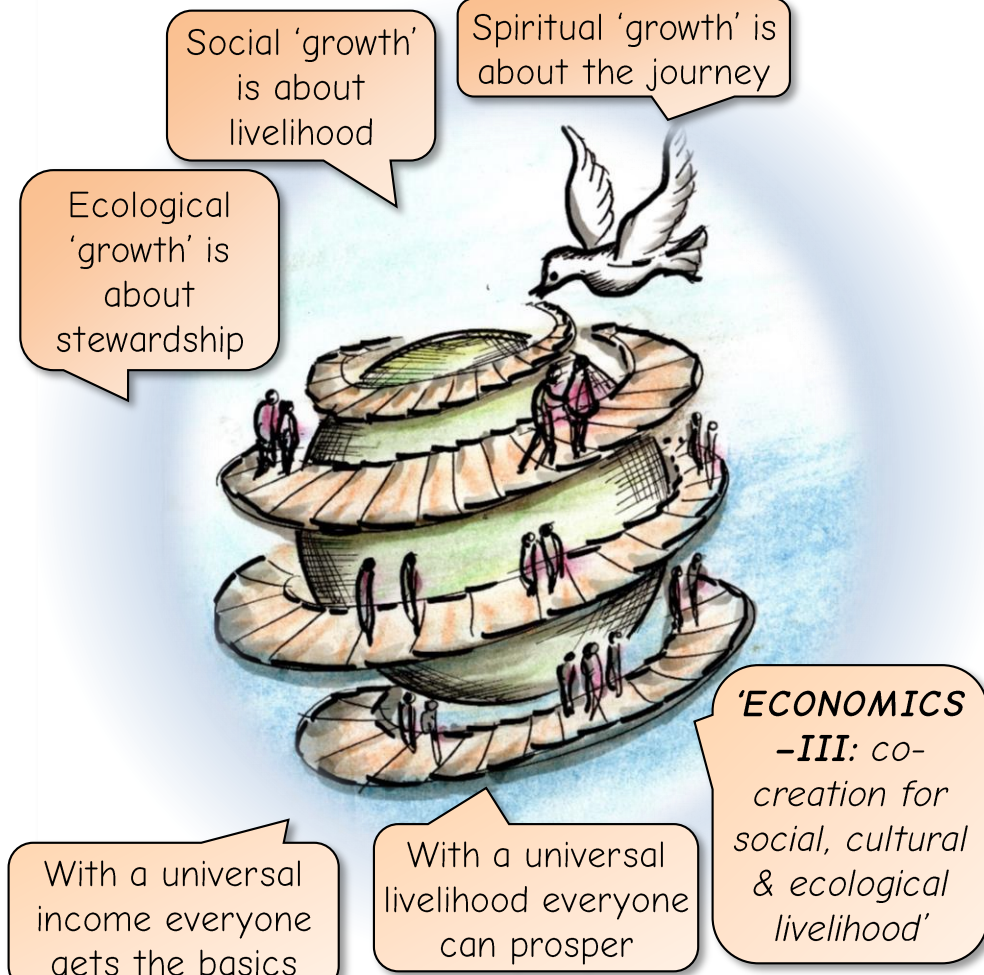
ECONOMIES-III

Putting it together: the Economies-III 'connexus' & the synergistic pathways for transformation

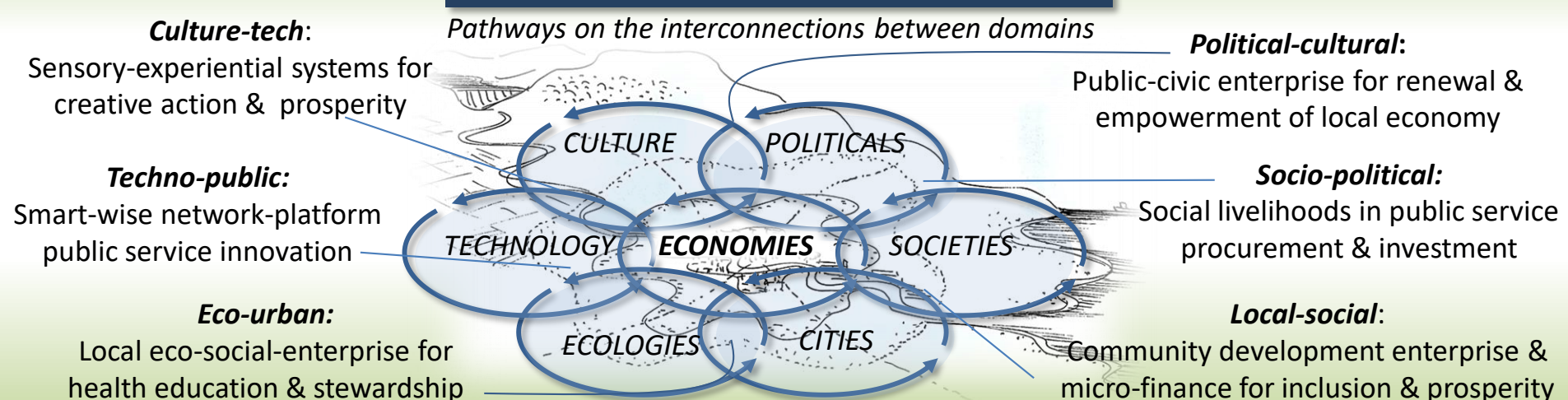
a) MATERIAL GROWTH-I&II



b) HUMAN LIVELIHOOD-III



c) ECONOMIES-III CONNEXUS



d) ECONOMIES-III PATHWAYS

