

Reboot: Going beyond system malfunction (of «5E-economics»)

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Workshop Jam, ***Beyond Crisis***, an online conference
Faculty of Design & Art, Free University of Bozen-Bolzano, Italy
18th April 2020, Zoom online

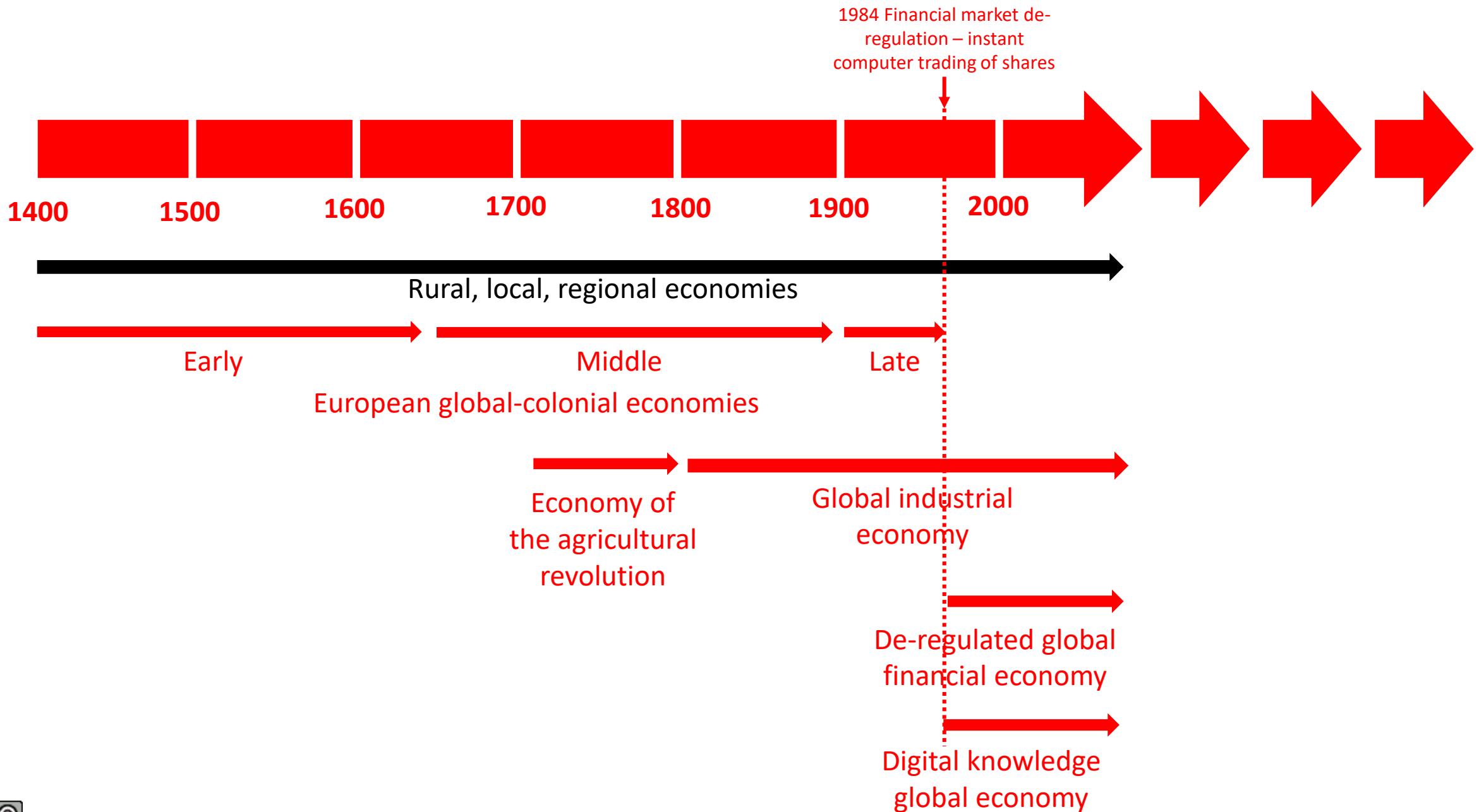
Be Alert, Be Agile! The System is Active.



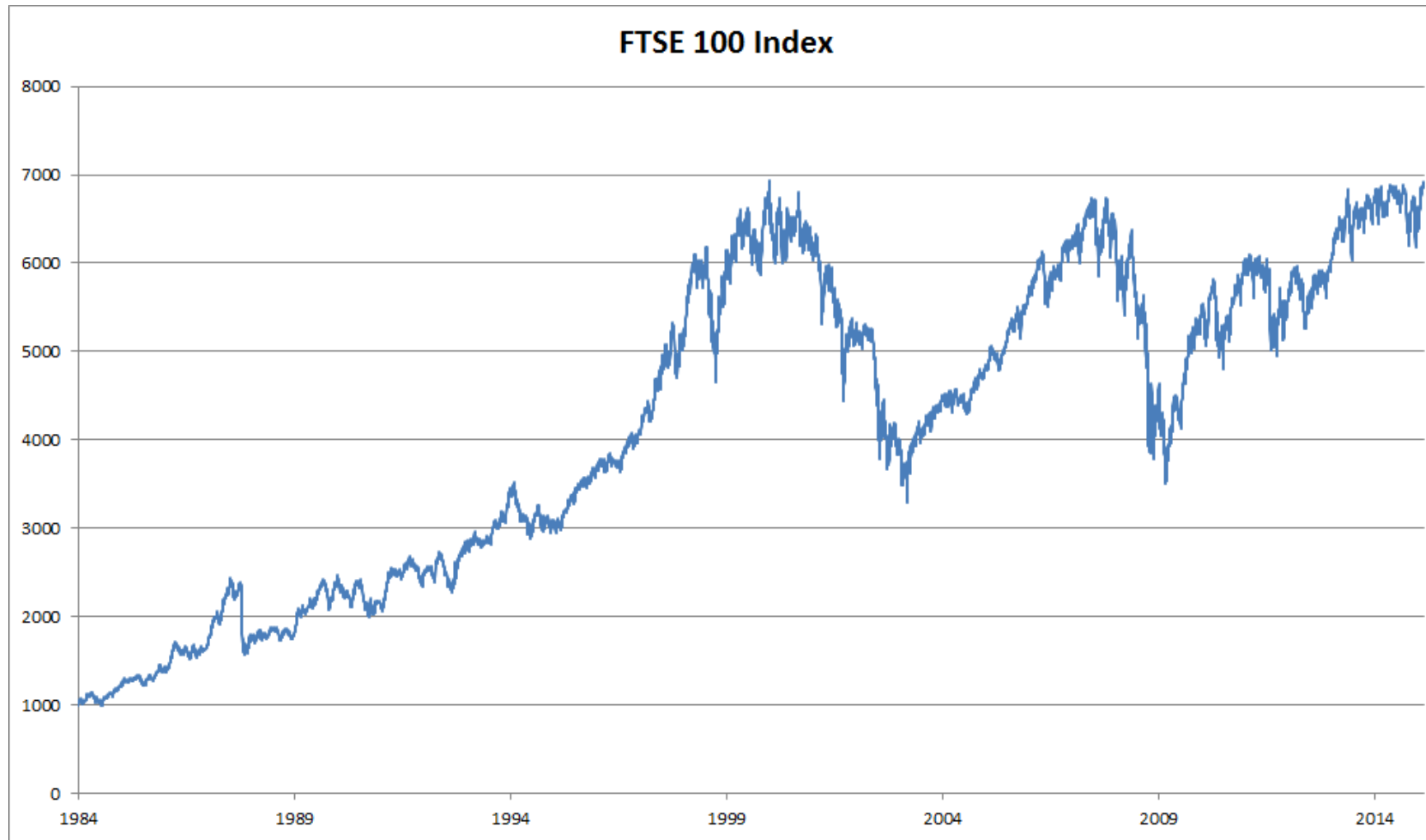
The Dazzle Club – countering facial recognition technologies to defend civil liberties

Emily Roderick, Evie Price and Anna Hart, founders of the Dazzle Club, wearing makeup designed to confuse facial recognition cameras. Photograph: Cocoa Laney/The Observer at <https://www.theguardian.com/world/2020/feb/01/privacy-campaigners-dazzle-camouflage-met-police-surveillance> and <https://www.instagram.com/thedazzleclub/?hl=en>

Evolution of the neo-liberal global "free market" economic system



Liberalisation of the financial markets creates massive fluctuations



5E-economics

I propose that the underlying model of the **neo-liberal global economics** is based upon these 5 Es:

Exploitation of people, other living beings, habitats, ecosystems and common resources (air, water, soil, energy)

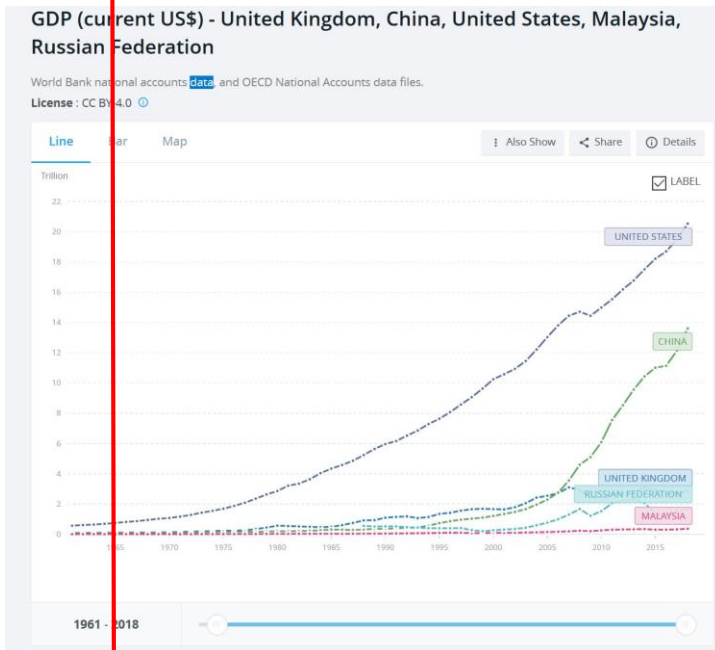
Exponential growth in debt financialised economies measured through *Gross Domestic Product (GDP)* which counts *negative effects*, such as healthcare caused by obesity from highly processed foods and cleaning up pollution as net positive contributions to GDP

Externalised costs are borne by society and the natural environment i.e. most companies and organisations do not operate on *true cost accounting*)

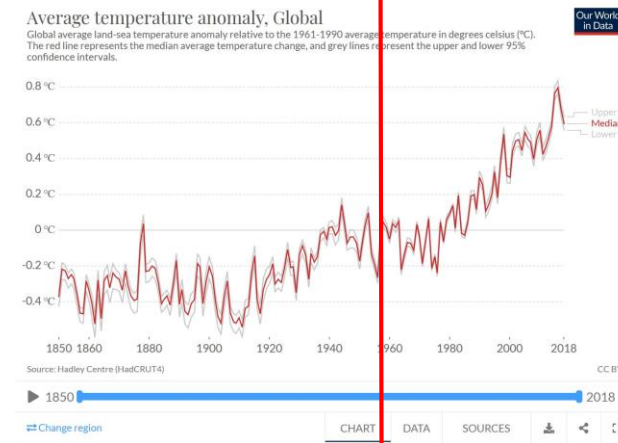
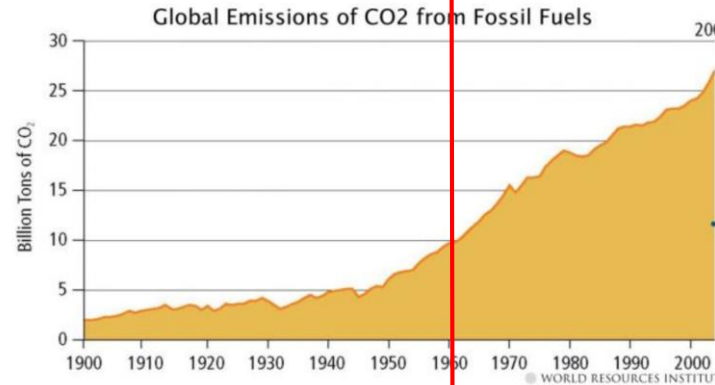
Exclusion of manual & low-paid labour & slave classes, minorities, dissenters...

Exclusivity whereby the rich operate economies, financial markets and media channels for increased benefits for the rich

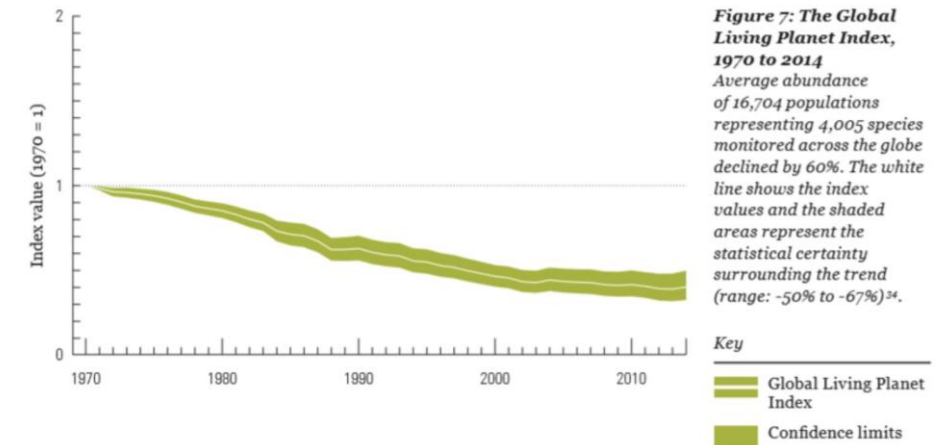
5E-economics damages us, other living beings & ecosystem health



1961

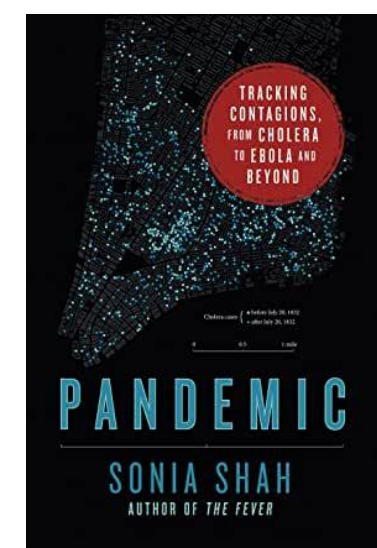
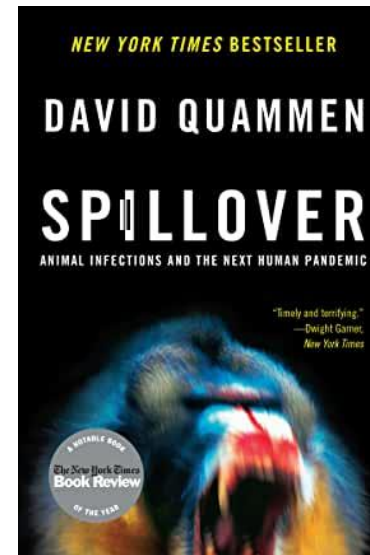
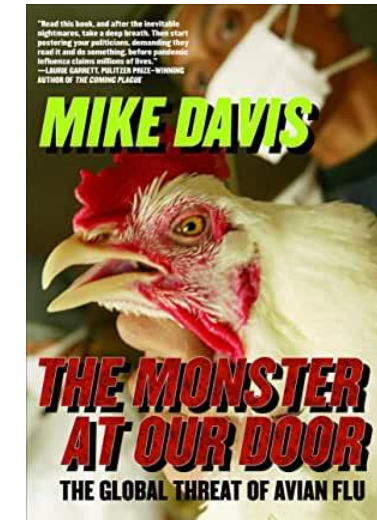
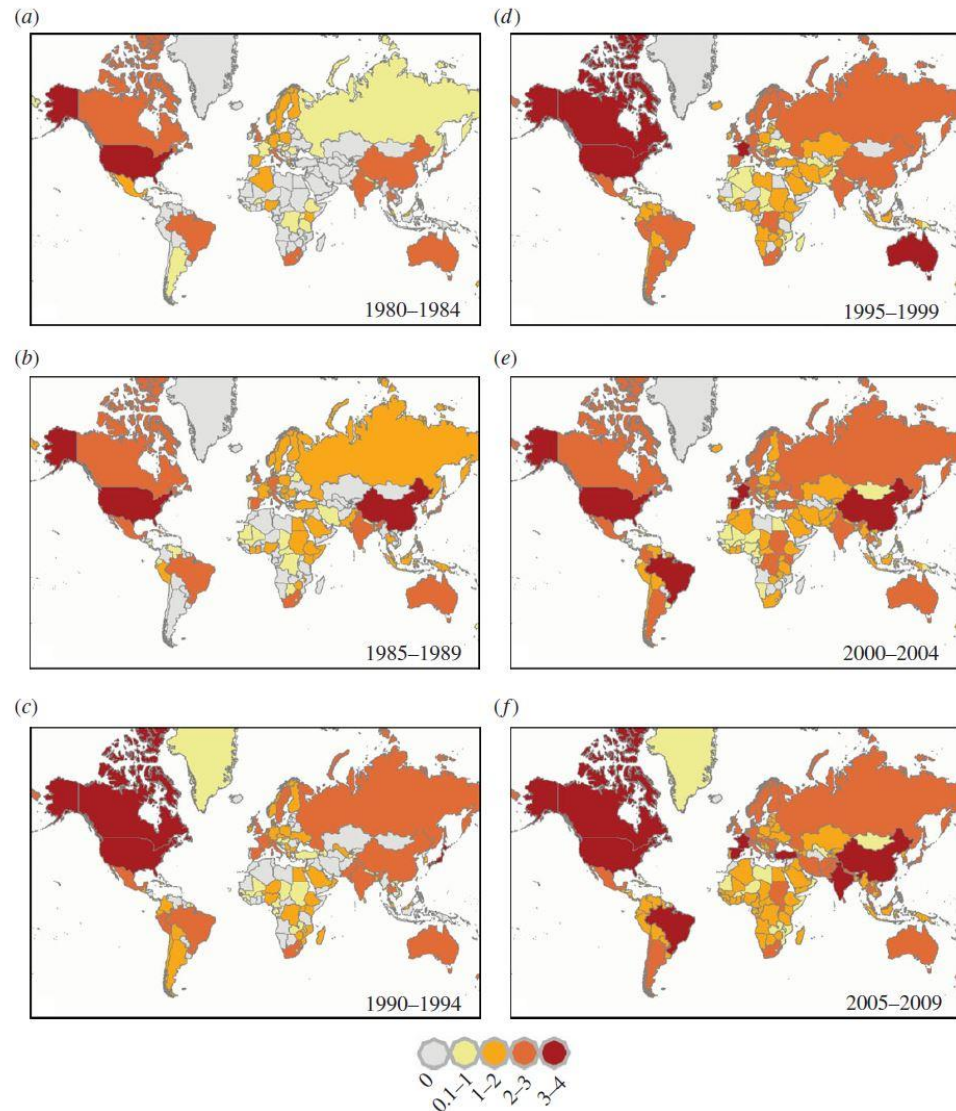


1961



Continuous growth in GDP = growth in CO₂ & global temperature + decline in biodiversity & ecosystem health

5E-economics: Intensive farm factories are incubating potential virus pandemics



Left-hand diagram source: Smith KF, Goldberg M, Rosenthal S, Carlson L, Chen J, Chen C, Ramachandran S. 2014 Global rise in human infectious disease outbreaks. J. R. Soc. Interface 11: 20140950. <http://dx.doi.org/10.1098/rsif.2014.0950> ; all other images from www.amazon.com

5E-economics: Seems linked to rising incidence of infectious disease outbreaks!

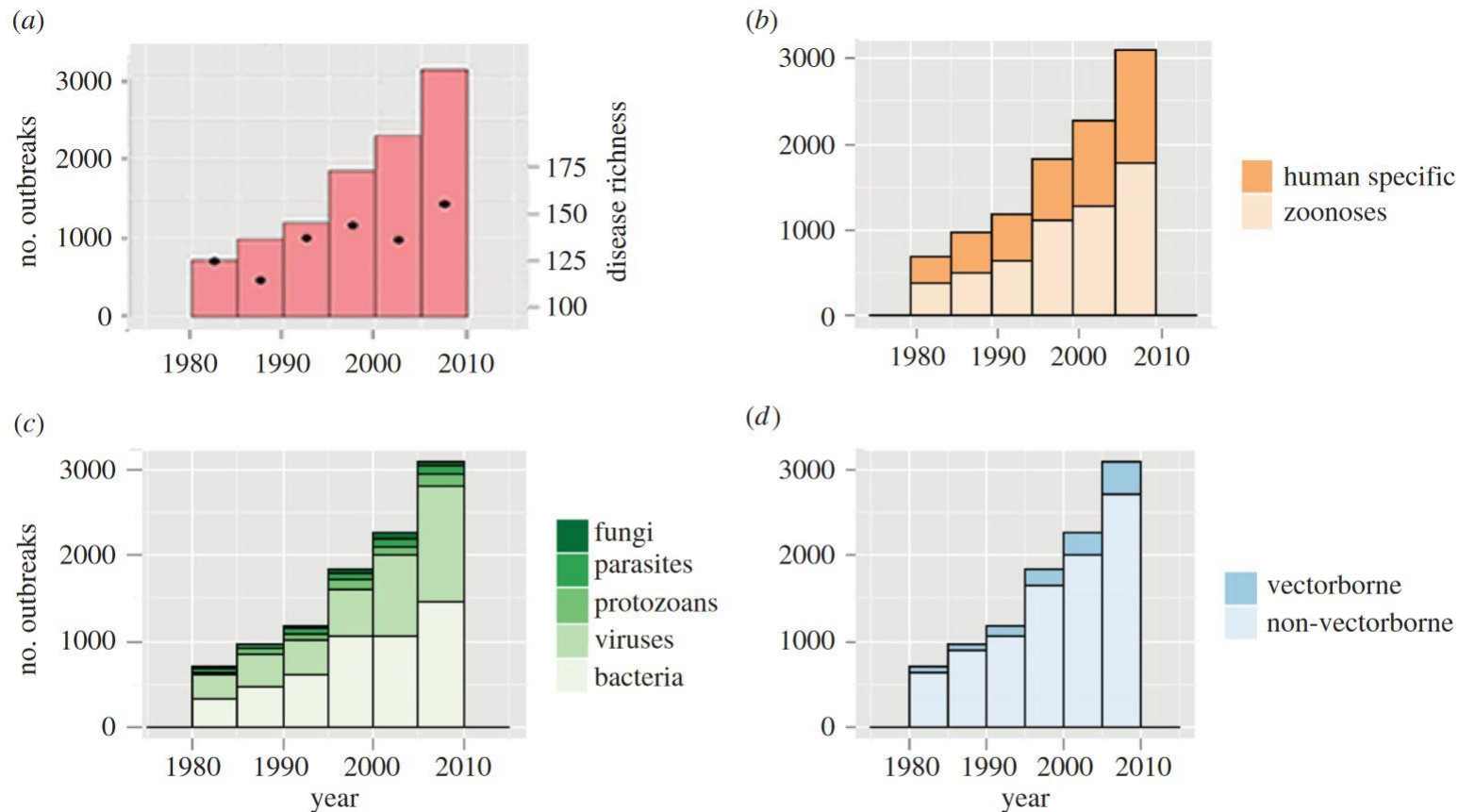
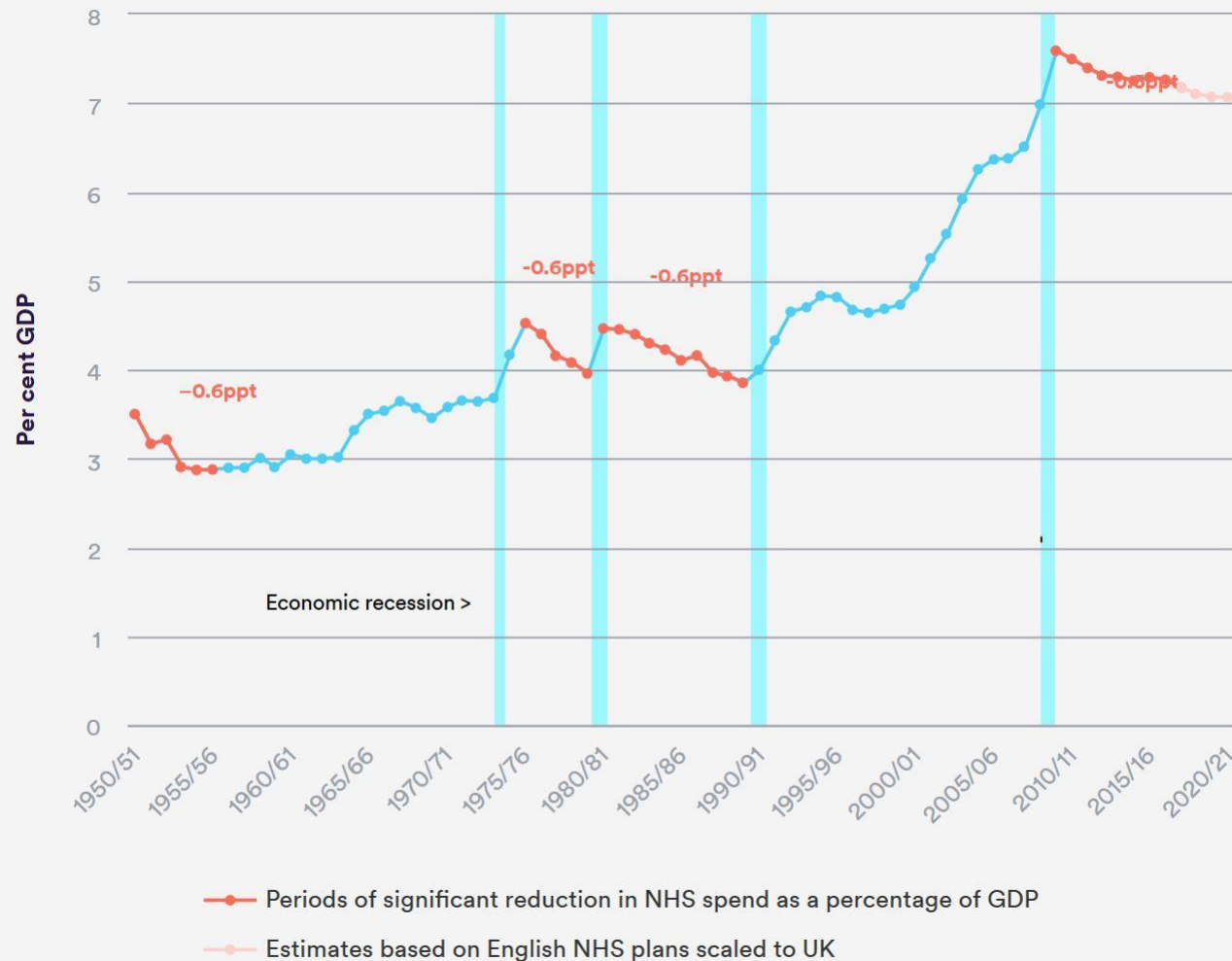


Figure 1. Global number of human infectious disease outbreaks and richness of causal diseases 1980–2010. Outbreak records are plotted with respect to (a) total global outbreaks (left axis, bars) and total number of diseases causing outbreaks in each year (right axis, dots), (b) host type, (c) pathogen taxonomy and (d) transmission mode. (Online version in colour.)

5E-economics: Centre-right/right governments tend to reduce spending in state healthcare systems



In the United Kingdom in the last 70 years centre-right/right governments have a tendency to reduce state investment in the National Health System encouraging private companies to offer health care.

This has negatively impacted on the ability of the state healthcare system to respond to the Covid-19 coronavirus crisis with shortages of trained medical personnel, equipment, hospital beds and health infrastructure.

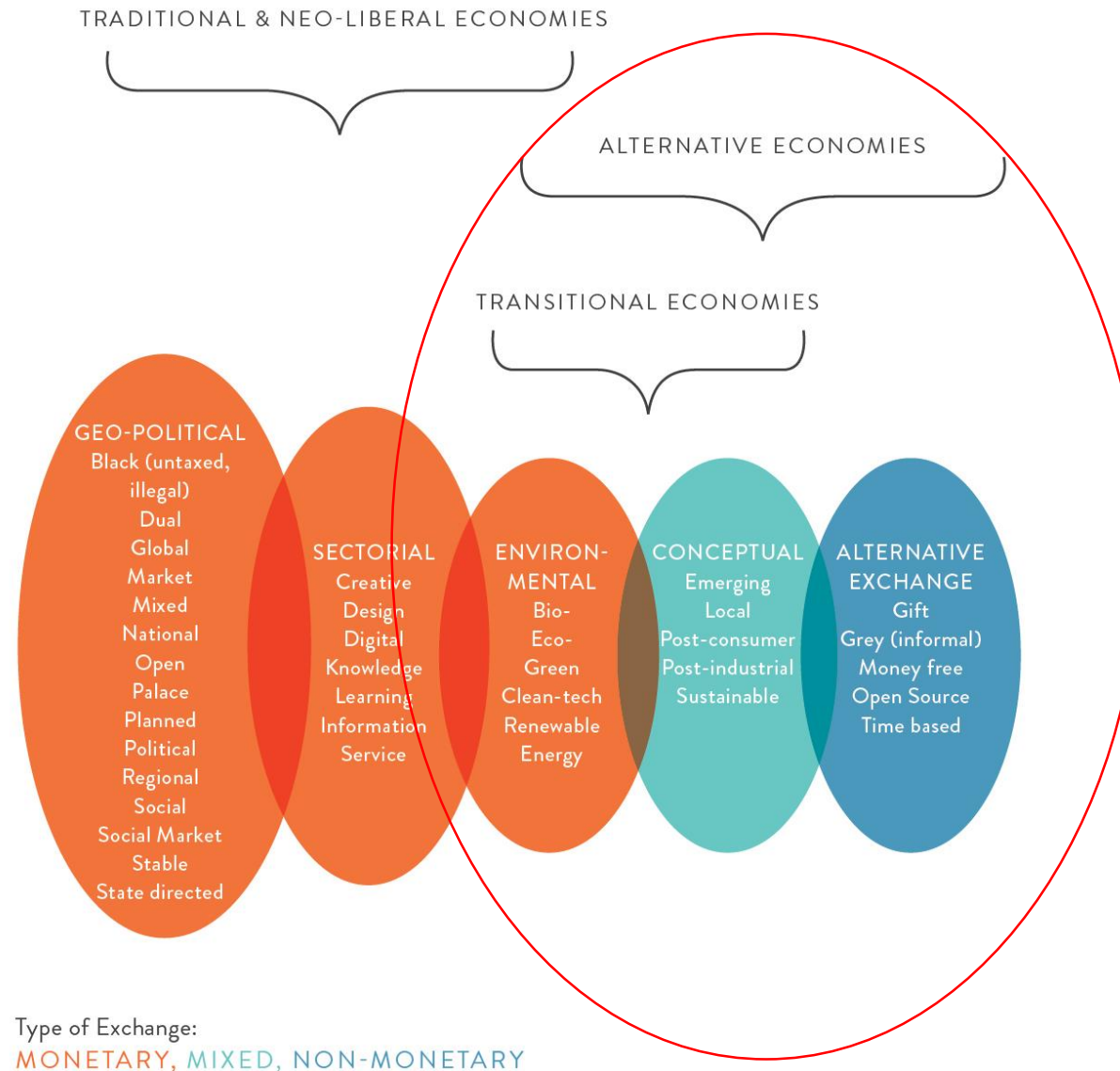
PMs Churchill, Eden
1951-1959

PM Thatcher
1979 -1990

PMs Cameron, Johnson
1979 -1990

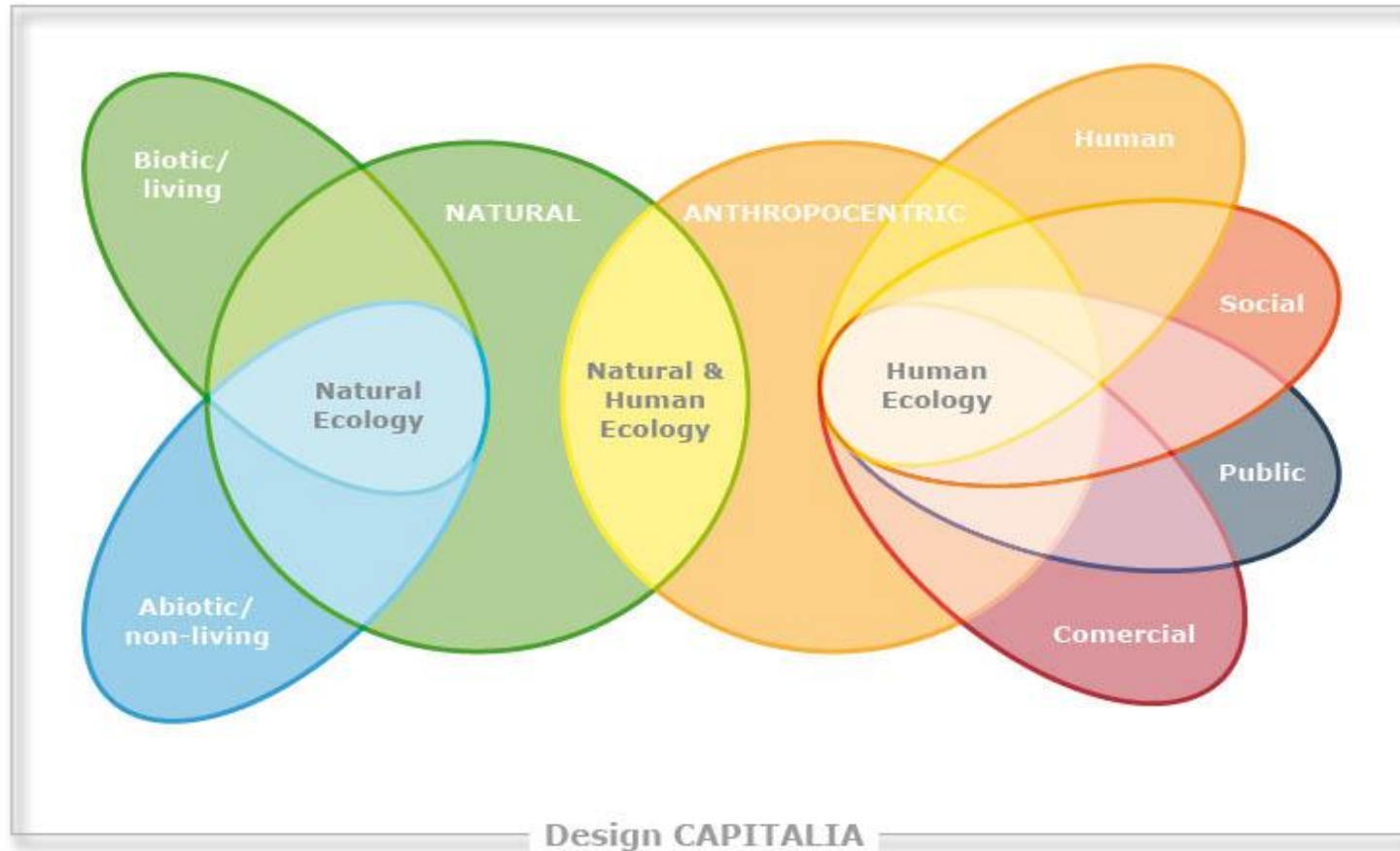
Centre-right/right
governments in the UK

System reboot needs to support transitional and alternative economies



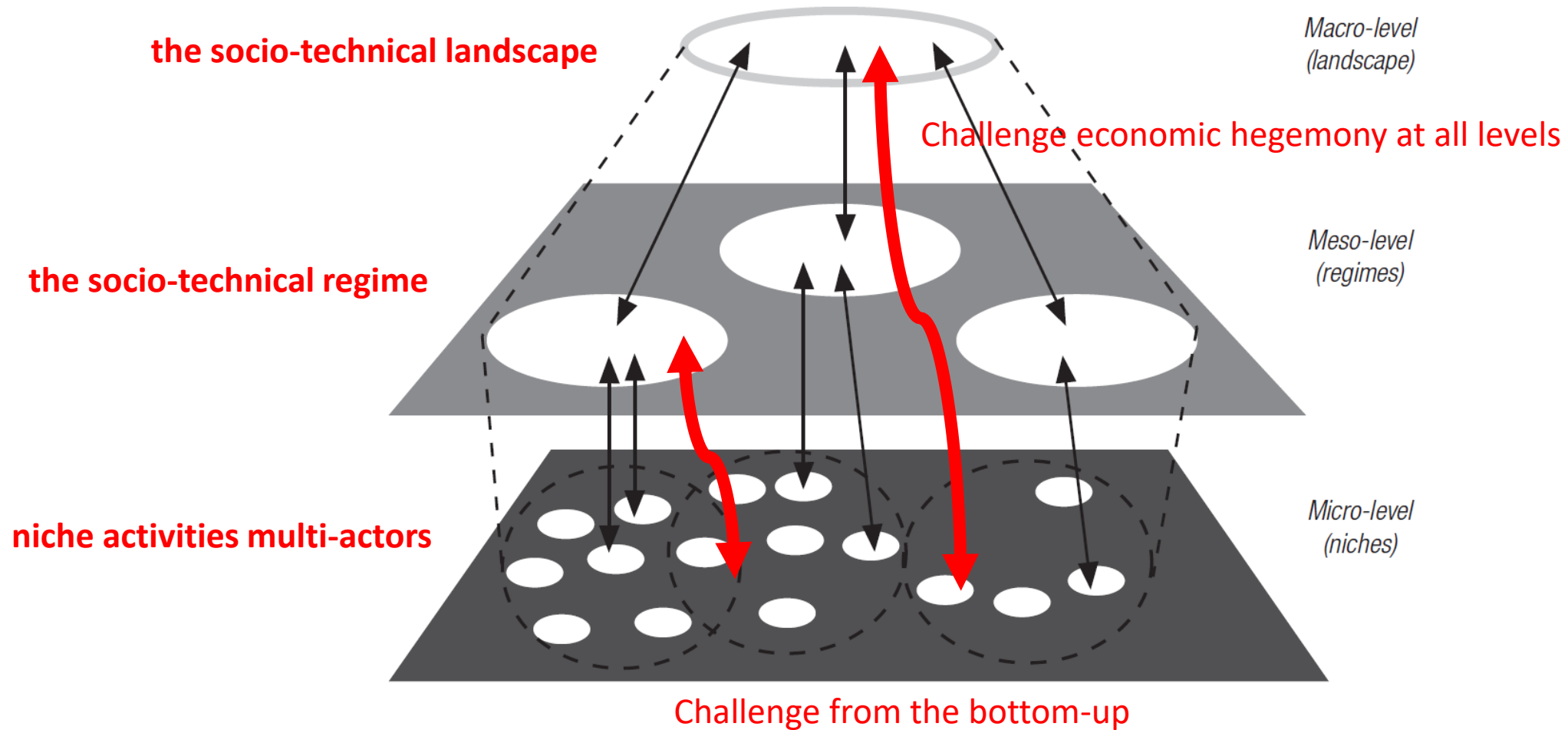
Source: Hirsher, Anja-Lisa & Alastair Fuad-Luke (2013) Open Participatory Designing for an Alternative Fashion Economy, pp174-197, in K. Niinimäki (ed.) *Sustainable Fashion: New Approaches*, Helsinki: Aalto ARTS Books.

System reboot needs to rebalance our capitals – designCapitalia



Source: Fuad-Luke, A. et al. (2012) DesignCapitalia. The Alpha version of designCAPITALIA is available at <http://window874.com/2012/09/28/designcapitalia-launched-at-okf/>

System reboot needs action on a Multi-Level Perspective (MLP)



It is never too late to resist & propose alternatives...



Al dogmi e al pregiudizi da sempre non abbocco (I have never taken to dogmas and prejudice)

G R A Z I E. D A N K E. T H A N K Y O U.

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