

Panel
**Trans-disciplinary foundations
of the market**

Carlos Álvarez Pereira
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XIII International Colloquium
Post-2008 Global Dynamics & Structural Changes
Lisboa, 11-13 May 2016



www.innaxis.org

the economy is not the economy

simplistic concepts

markets \neq capitalism \neq companies
values \neq prices \neq costs

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the economy is not (mainly) delivered by markets

“free markets” do not exist

capitalistic markets are not independent from the State

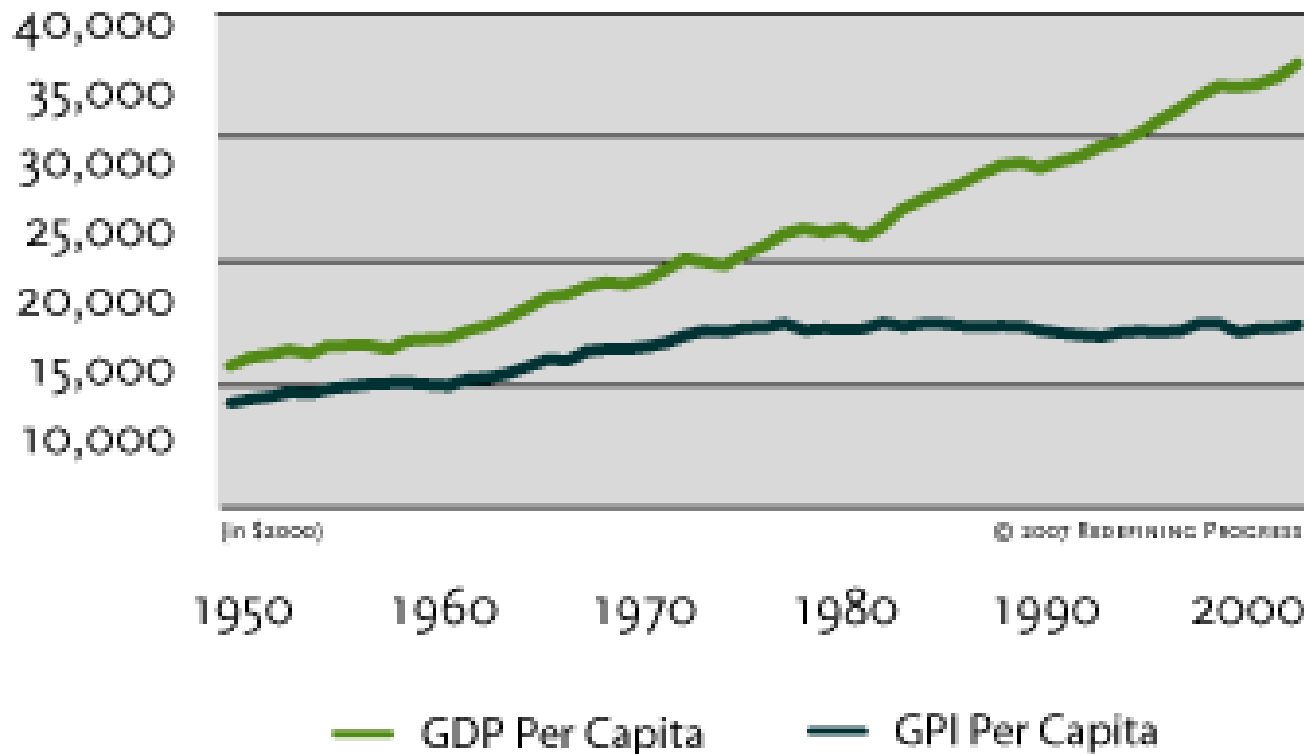
markets and companies are always
dynamic, far from equilibrium

companies have multidimensional purposes

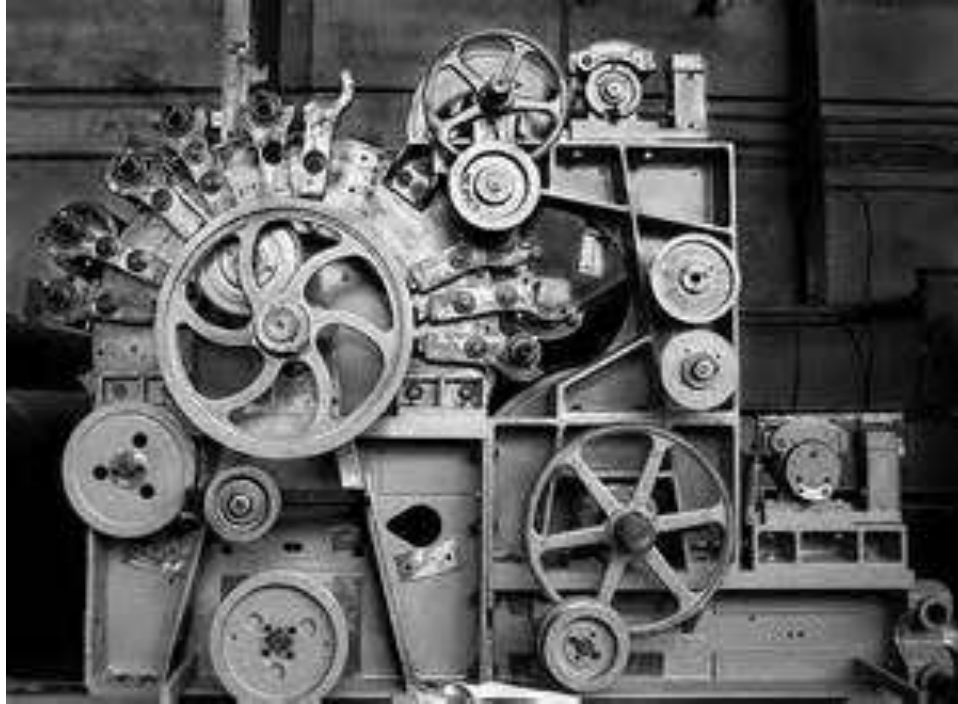
are a shop and a multinational the same kind of animal?

real persons are more complex than “homo economicus”

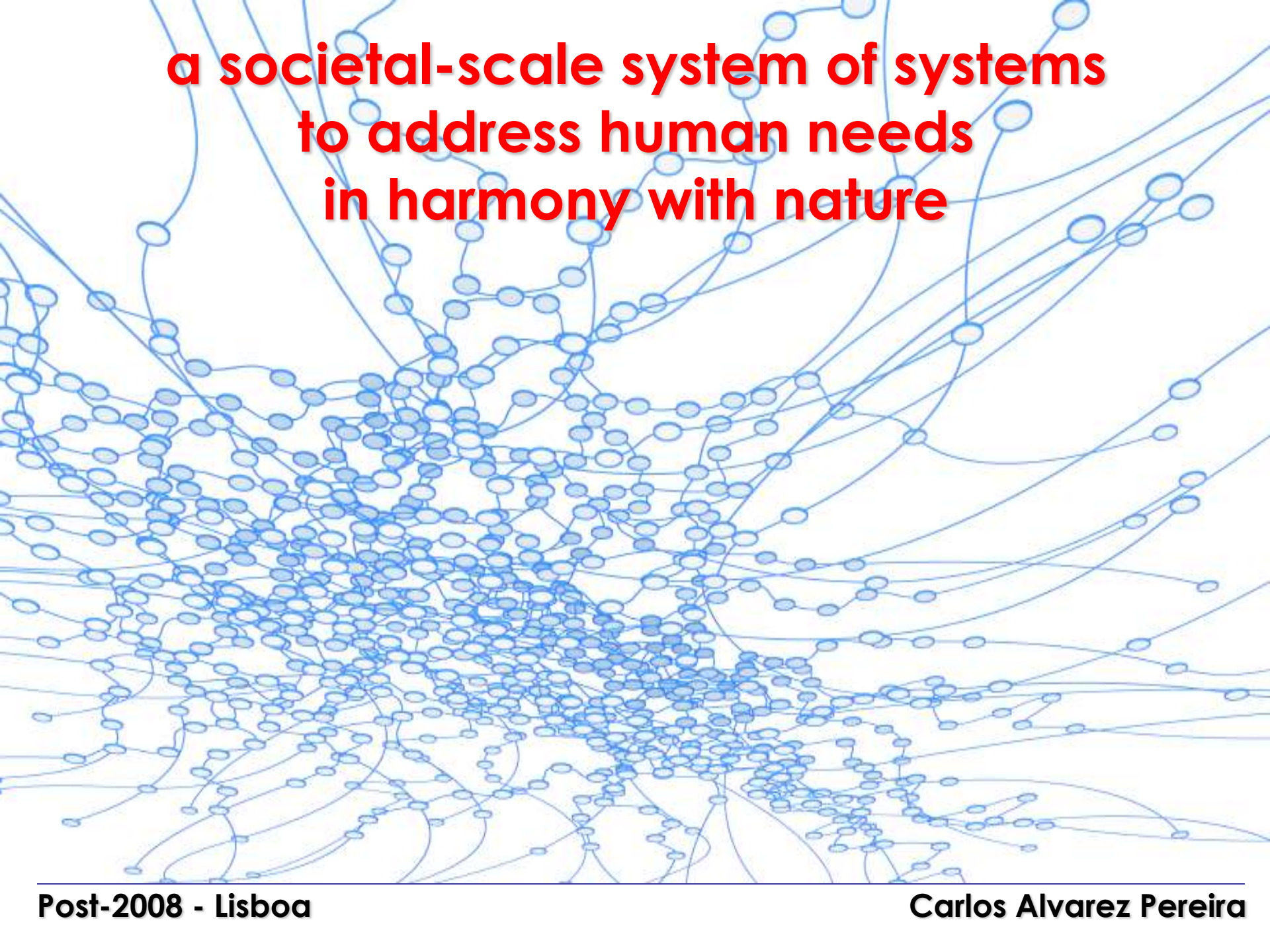
GROSS PRODUCTION VS. GENUINE PROGRESS, 1950-2004



the economy is **not** a machine, separate from society



the metaphor is not neutral: a machine requires **inputs** and produces **outputs** and **waste**. it also establishes a **hierarchy** between **owners, designers and managers**, and the **rest**



**a societal-scale system of systems
to address human needs
in harmony with nature**

a societal-scale system of systems to address human needs in harmony with nature

multitude of autonomous agents (individuals, families,
SMEs, associations, corporations, the State)

historical,
evolutionary,
contingent

dynamic, recursive,
auto-poietic

creation &
destruction

decisions
& learning

all kinds of
coordination
mechanisms

entangled with
power & politics

relational
& cultural

a societal-scale system of systems to address human needs in harmony with nature

multitude of autonomous agents (individuals, families,
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historical,
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contingent

dynamic, recursive,
auto-poietic

nonlinearities

creation &
destruction

decisions
& learning

all kinds of
coordination
mechanisms

**complex network
of networks**

**emergent
behaviors**

entangled with
power & politics

**interactions
between agents**

relational
& cultural

**intrinsic
uncertainty**

incommensurability

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