

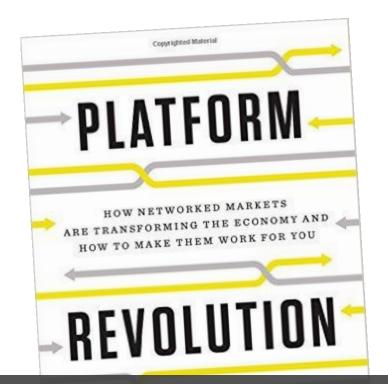
Platform economy beyond the hype Sensemaking of signals using alternative frames

Building Expertise for Innovation 27.4.2017

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BUSINESS MODELS



How Platform Businesses are Transforming Strategy

by Marshall W. Van Alstyne

APRIL 07, 2016, 12:00PM - 1:00PM EDT



The Rise of the Platform Enterprise

A Global Survey

Among the hype, there is a need to make sense of what is essential

PLATFORM ECONOMY Ecosystems are the new bedrock of digital.

Why Platform Disruption Is So Much Bigger than Product Disruption

by Juan Pablo Vazquez Sampere

APRIL 08, 2016



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Platform?

"Shared social and technological structures that connect multiple producers and users of services, products and social value"





Platform economy?

"The value creation system consisting platforms"

Key characteristics compared to "traditional economy":

Network effects

Multi-sided markets

Importance of data

Our focus is on platform economy as a phenomenon



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Frames for sensemaking

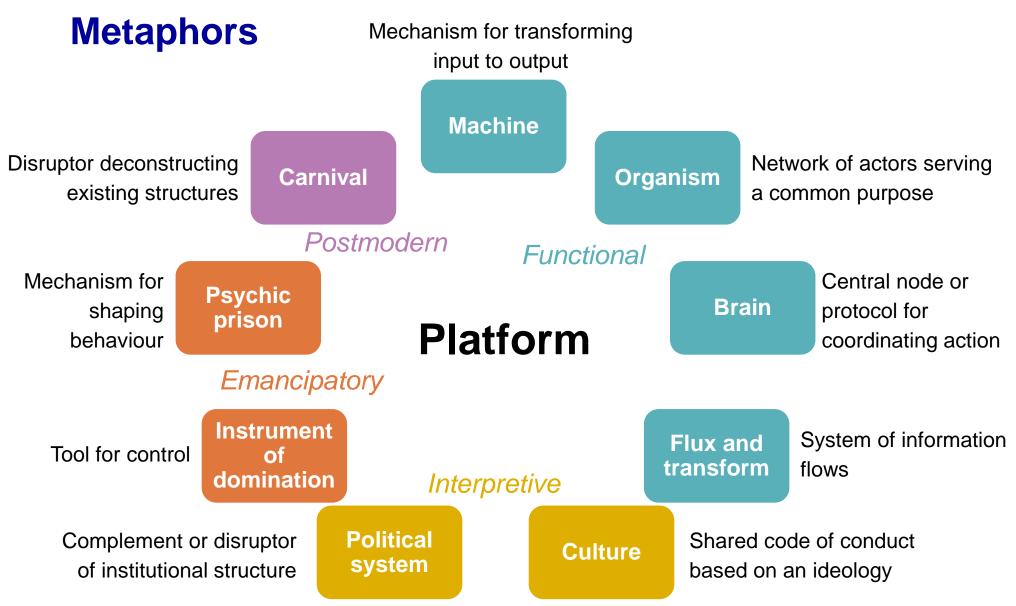
Viewing platform economy through metaphors

Positioning
horizon
scanning signals
to multiple levels

Identifying the dynamics from enablers to impacts

Building narratives of the overall changes





Multi-level perspective

Landscape developments

Things that create pressure for change: Megatrends, global developments, "known knowns"

Sociotechnical regime Assumptions the window for about the current state; wild cards, weak

wild cards, weak signals, black swans;

Transition pathways and their level of maturity

Preferred future state or vision providing a target for change

Obstacles

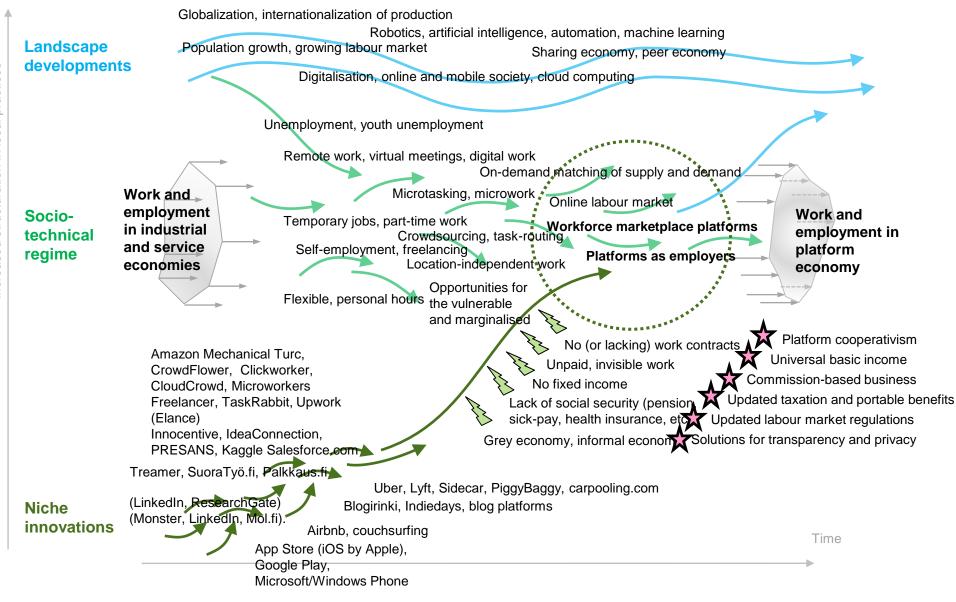
Enablers

Niche innovations

Interesting experiments, start-ups, emerging platforms offering new solutions

Time

Work and employment: transition to platform economy





Dynamics: from drivers to transformation

What is driving the change?

- Enablers
- Trends
- Wild cards and weak signals

What is changing?

- Examples of platforms
- Platform structures and types

What are the impacts?

- Impacts on the everyday life of people
- Changes in economic structures
- Geopolitics



Dynamics: from drivers to transformation

What is driving the change?



Blockchain

Crowdfunding

<u>5G</u>

Digital Twins

Conversational commerce

Voice interface

Deep learning

Collapse of the internet

Technophobia

What is changing?



Open innovation platforms

<u>Distributed autonomous</u> <u>organization</u>

Use cases of Al

Alternative ridesharing platforms

Hyperledger and open blockchain

Education platforms

IBM Watson

What are the impacts?

Social impacts

Biases in artificial intelligence

Persuasive computing

Digital activism

Workers in platforms

Skills for platform economy

e-Government

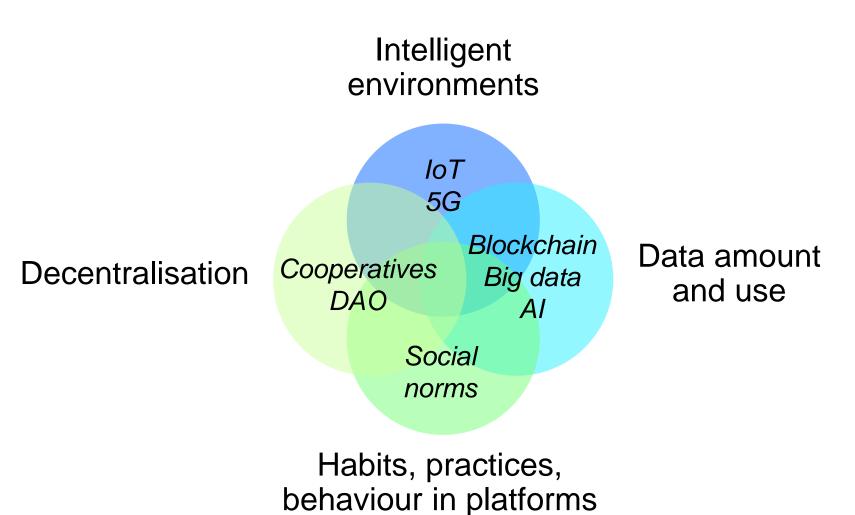
Reputation Economy

Impacts on agriculture

Data balance sheet



Narratives of platform economy developments





Thoughts on using the frames

Metaphors

- Checklist for considering different perspectives
- Operationalisation for strategy making?

Multi-level perspective

- Drawing the big picture of transformation
- Definition of a regime challenging

Dynamics

- Simple frame for thinking about causes & consequences
- Positioning signals problematic, lack of feedback loops

Narratives

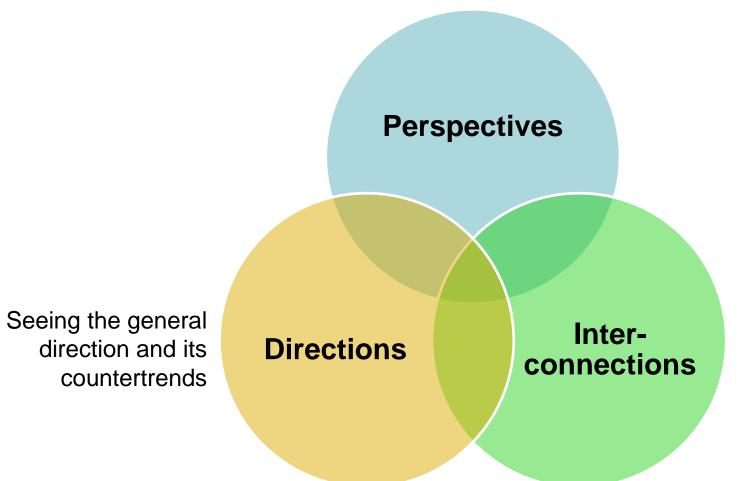
- Identifying key trajectories
- Flexible and understandable, but highly subjective

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Why this matters for innovation policy & management?

Understanding different viewpoints



Identifying the interconnection between technological development, societal issues and economic activity

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PLATFORM VALUE Now

Value capturing in the fast emerging platform ecosystems www.platformvaluenow.org

Consortium Partners











Imperial College

London

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