

Nikolay A. Badulin NNP "Business Angels of Siberia", President

Assistant Professor of Innovation Technology Department, Tomsk State University, PhD

«FiBr» Innovation Management Company, Tomsk, CEO

«Samotlor-Invest» Investment Fund, Tomsk, CEO

Innovation Snail, Triple Helix and other Processes of Economy

Economical Theory of Relatively

www.fibr.ru



Capitalization. Paradoxes:

Capitalization =
$$Cap_i = Price_i * N_{share_i}$$
 (1)

$$Price_{i} = k_{i} * NPV_{i}$$
 (2)

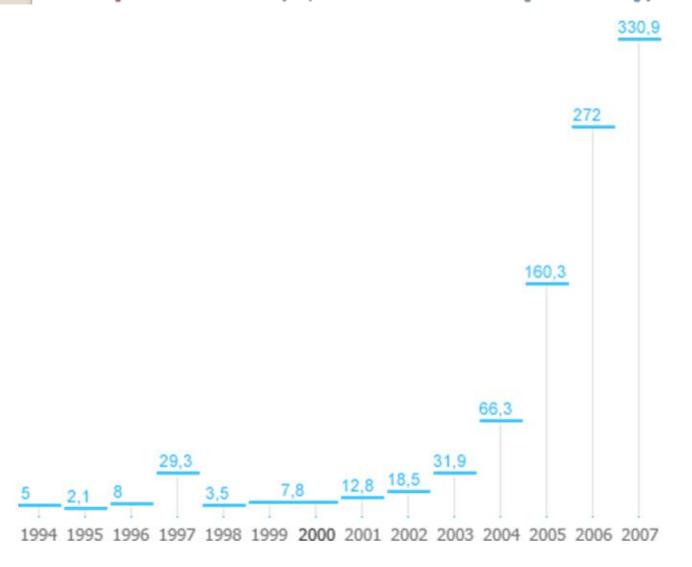
$$NPV_{i} = \Sigma \{CF_{i} / (1+r)^{(n-1)}\}$$
 (3)

$$CF_i = Revenue_i - Cost_i - Investments_i$$
 (4)

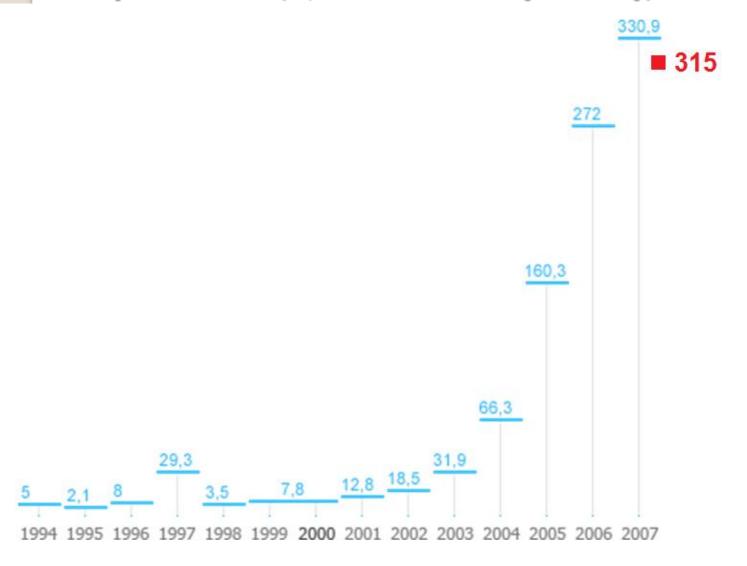
Capitalization, \$B: GAZPROM (Russia), 1995.



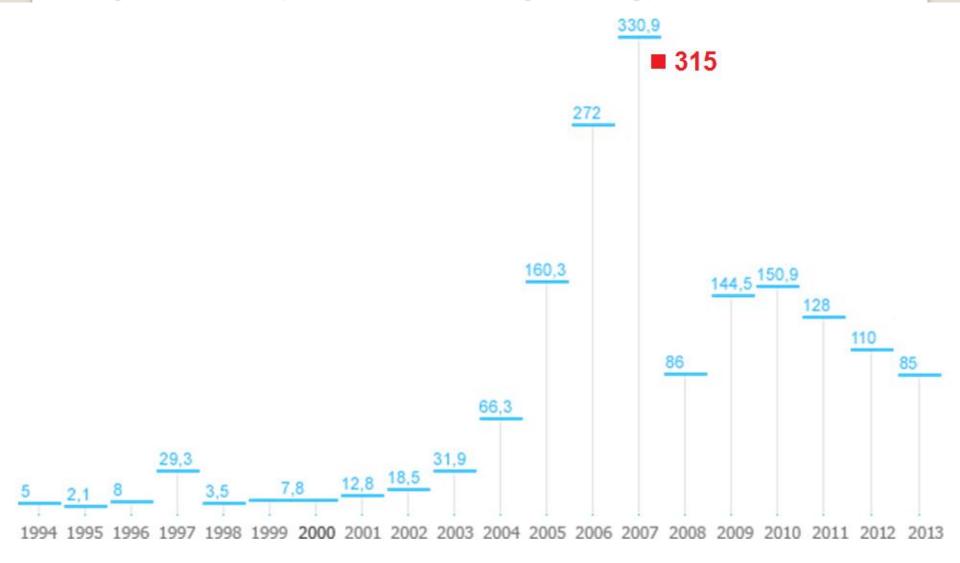
Capitalization, \$B: GAZPROM (Russia), 2007.



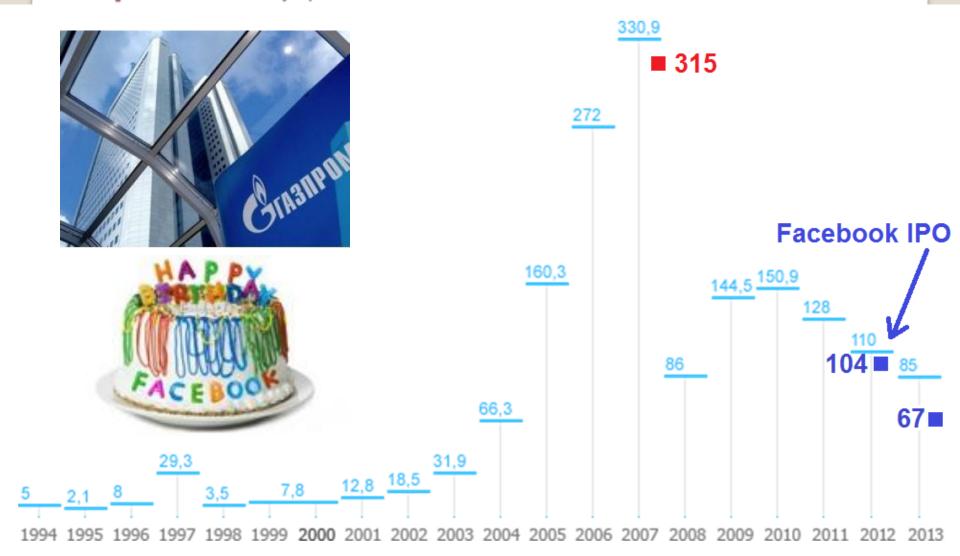
Capitalization, \$B: GAZPROM (Russia), 2008.



Capitalization, \$B: GAZPROM (Russia), 2013.

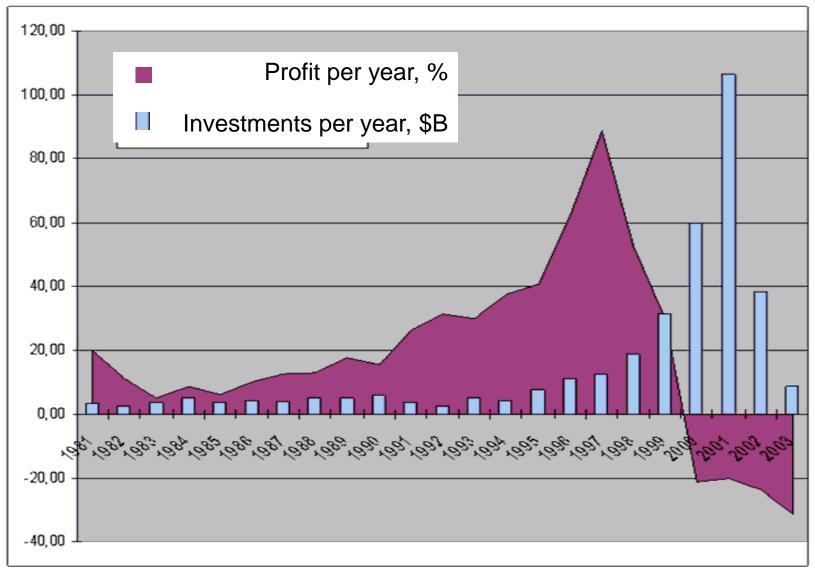


Capitalization, \$B: GAZPROM & Facebook



http://investcafe.ru/companies/gazp, www.forbes.com

Venture Capital Generations, USA, 1981 - 2003

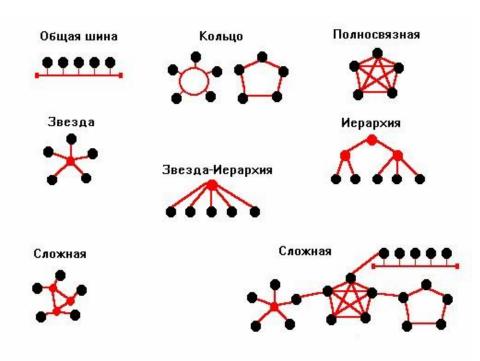


C. Campbell Venture Business: New Approach, 2004

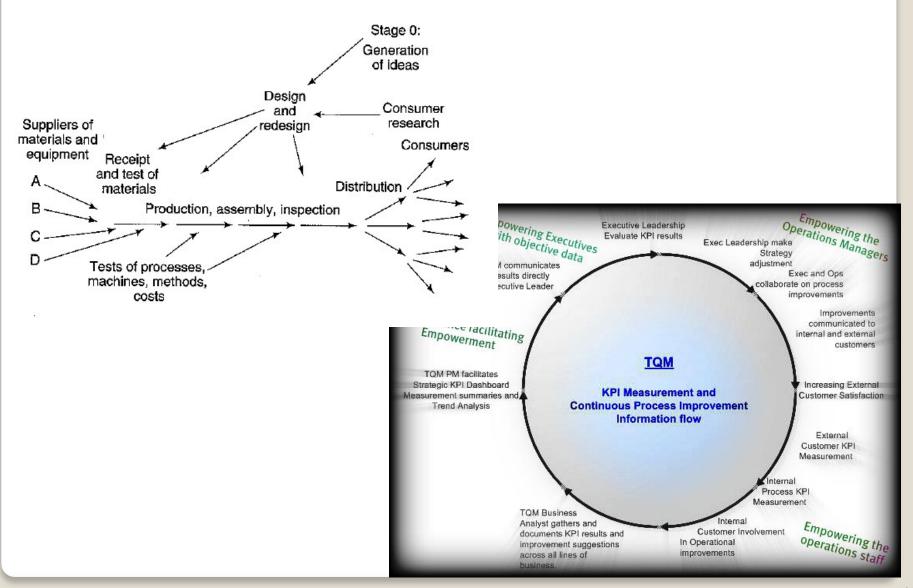
Investment. Last freedom art (Robert Hegstrom, 2005):

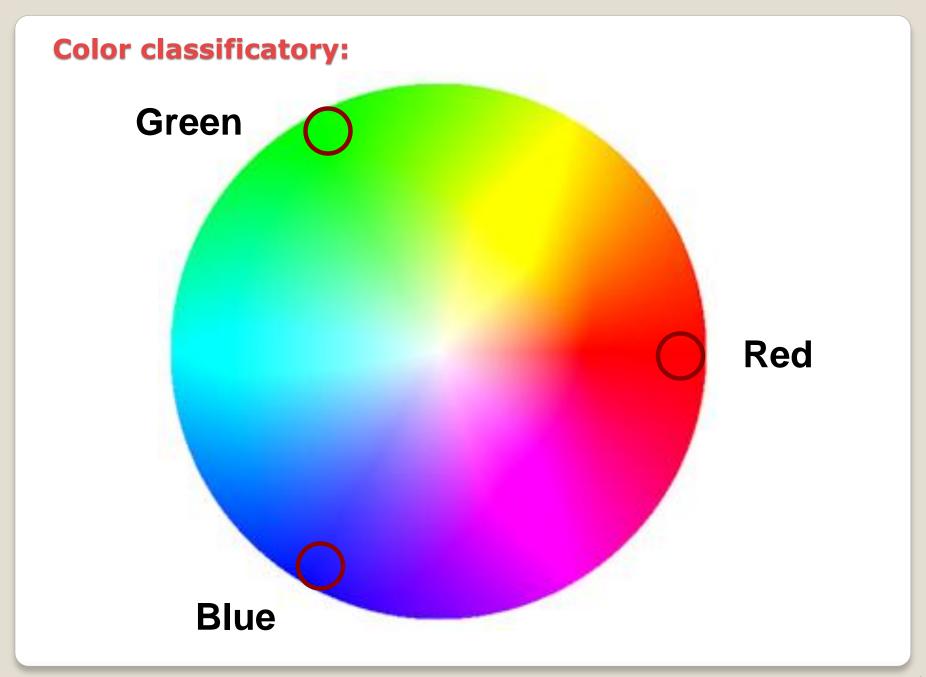
Intellectual model's set:

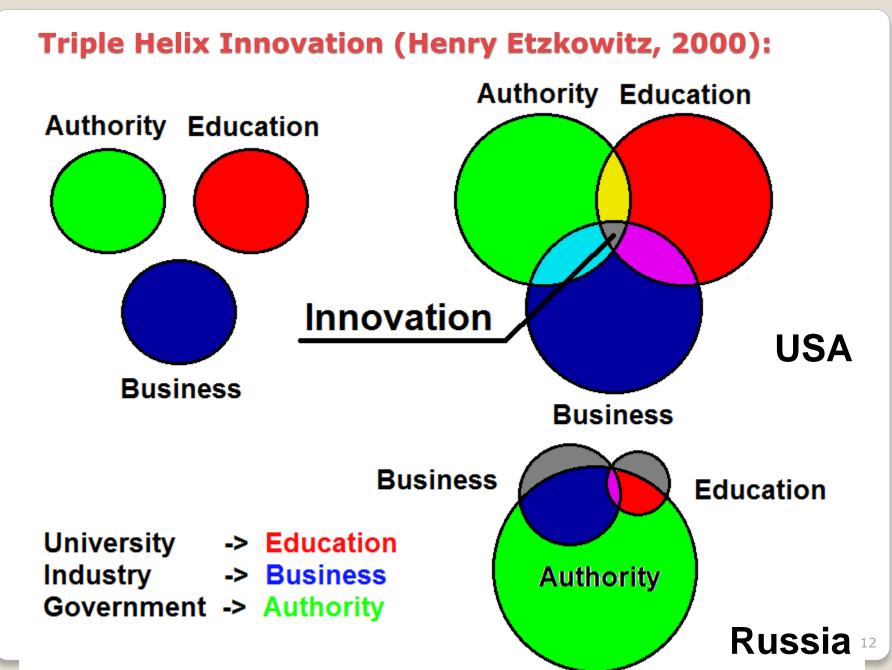




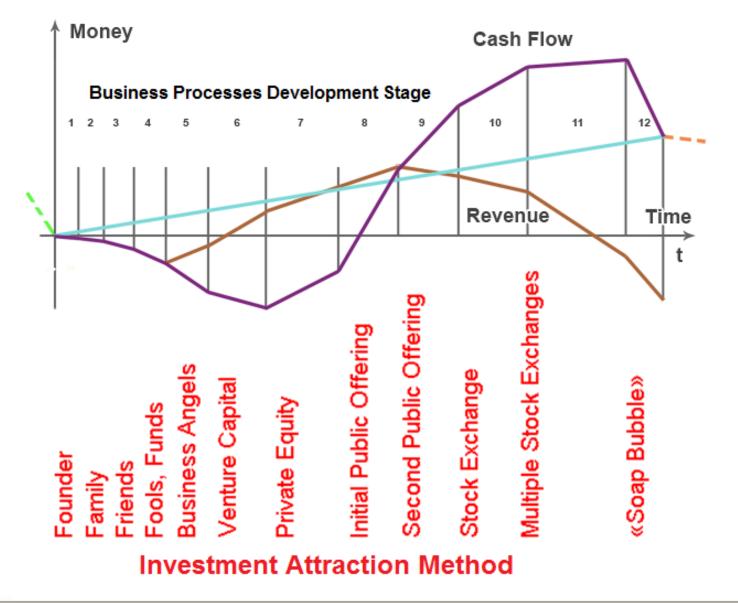
Total Quality Management (TQM, Edwards Deming):



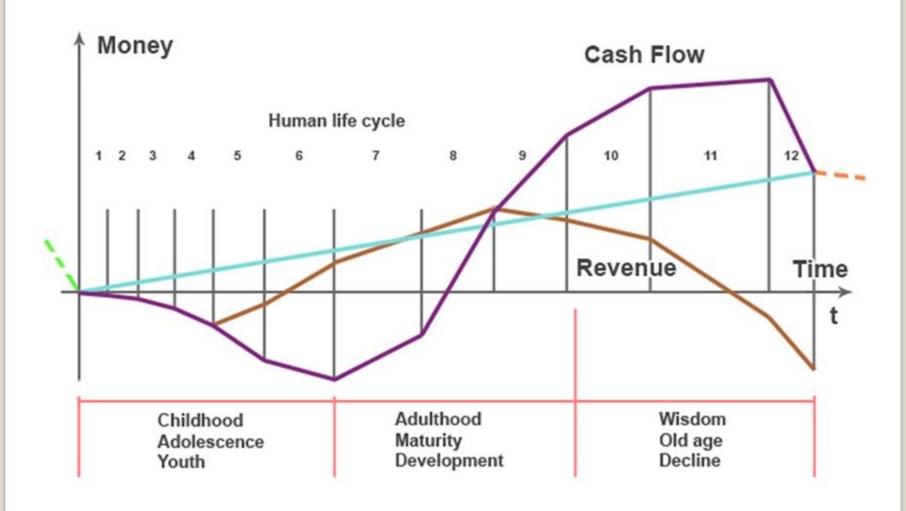


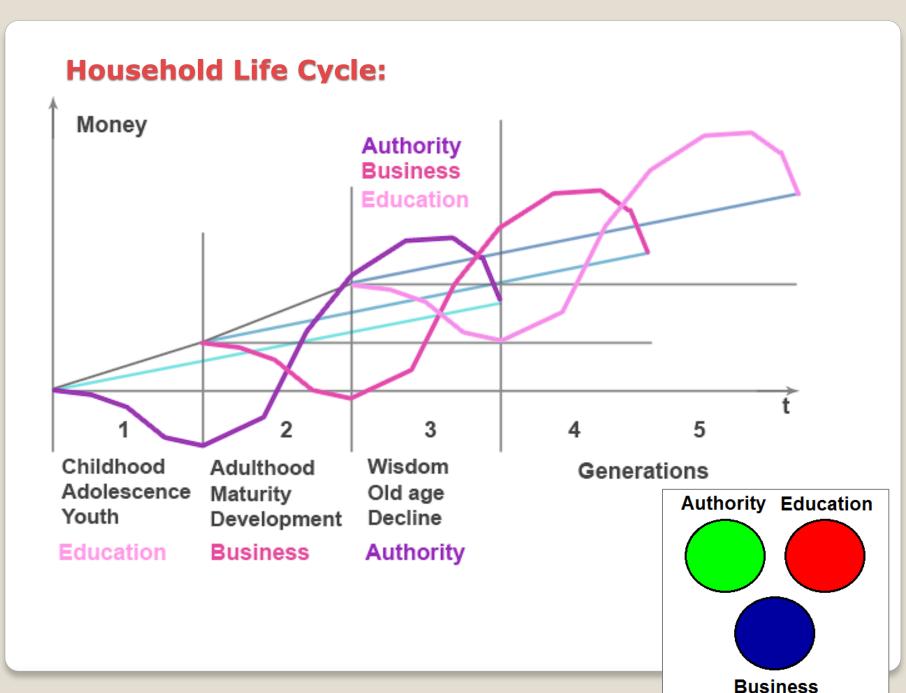


Life Cycle of Innovation company and Fundraising:

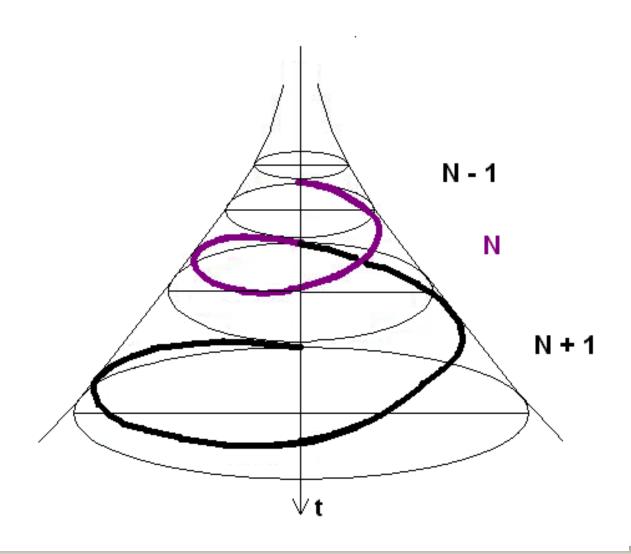


Human Life Cycle:





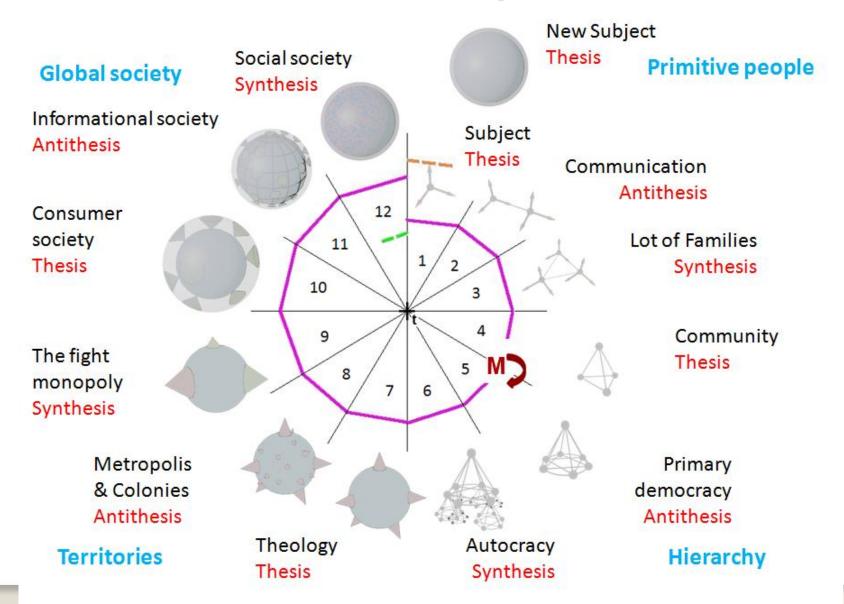
Chinese model of Time, Businesses, Humanity:

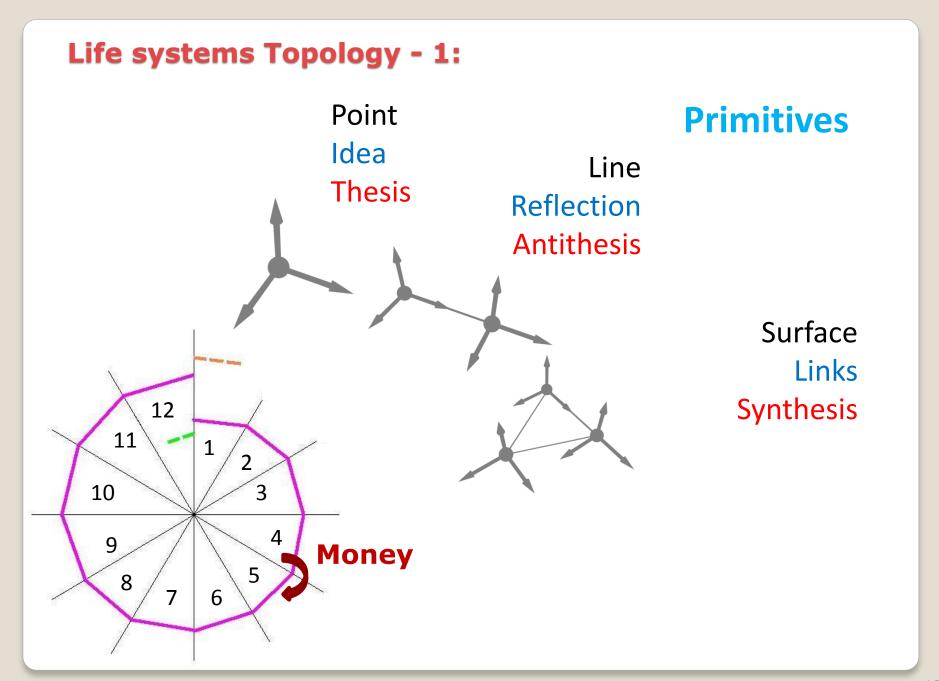


Innovation Snail of a typical Business:



Innovation Snail of a Humanity:





Life systems Topology - 2: 12 11 10 **Primary Volume** Community 8 6 **Thesis Primary Conic** Start-up **Antithesis** Conic **Pyramid of Power**

Synthesis

Hierarchy

Life systems Topology - 3:

The fight Monopoly Dualism
Synthesis

Metropolis & Colonies

Branches

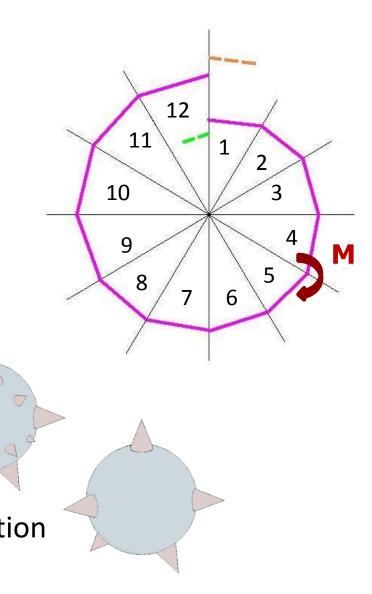
Antithesis

Territories

Regional connection

Expansion

Thesis



Life systems Topology - 4:

Society

Social Society
Social Networking
Synthesis

Informational Society

Units and Nets Antithesis

Past-Industrial Society
Pyramid of Value
Thesis

