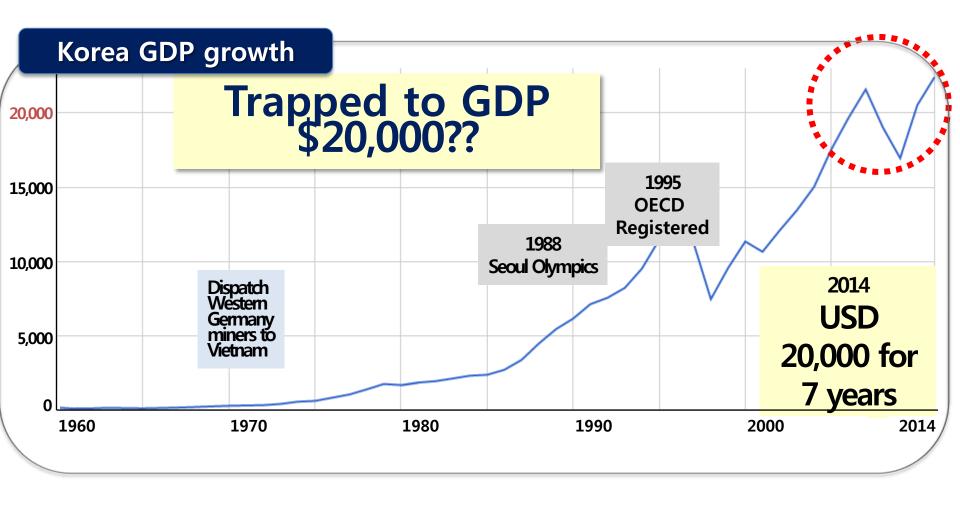
Creative Economy and



The Miracle on the Han River, is it sustainable?





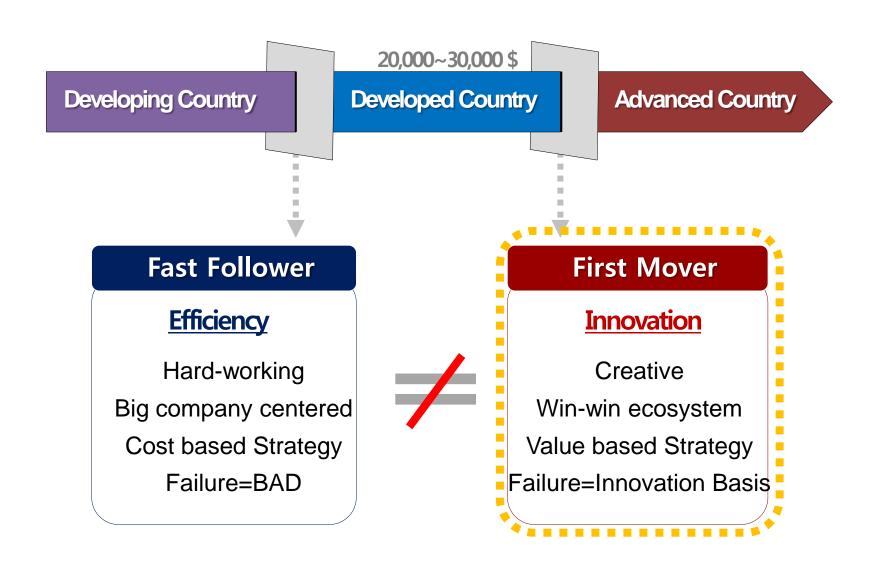
1970 Technician 1980 Salesman



End of 1990 Ventures



Success is father of failure







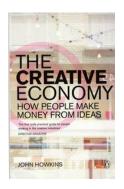
Nomura Laboratory 'Strategy of Creation - Creation Generation Management and Know-How(1990)'

- Agricultural Society → Industrial Society → Information-oriented
 Society → Creation Society
- 낙미에진(樂美愛眞) Generation



Peter Coy 'Business Week(2000)'

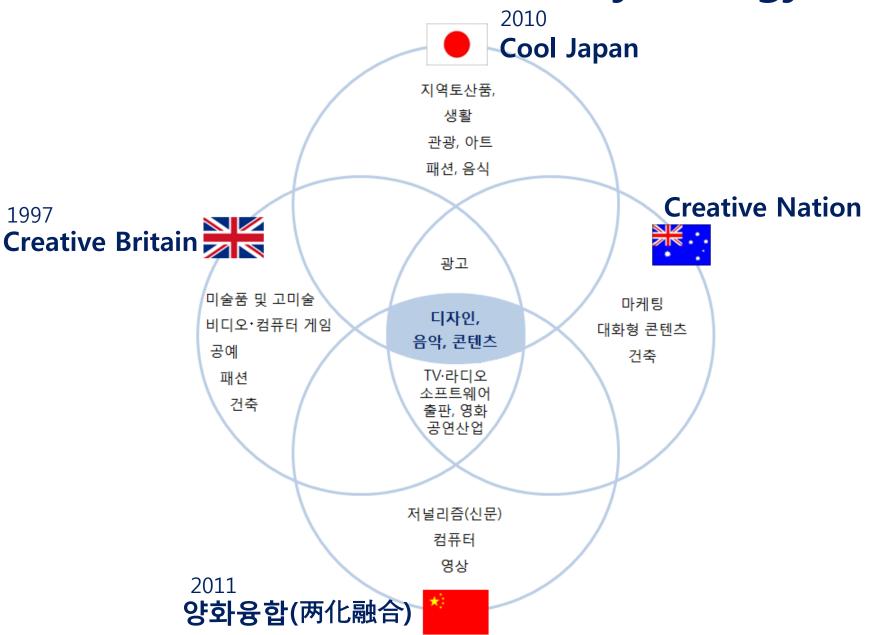
- A business that provides intangible values based on ideas can only survive
- From Hamburger to Software



John Howkins 'The Creative Economy(2001)'

Economy that deals with Creative product with Creative actions and
 Economical values

Main countries' Creative Industry Strategy

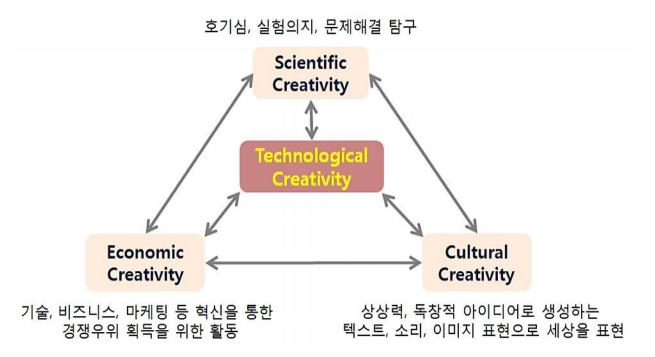


UN's Creative Economy



Creative Economy Report 2008, 2010

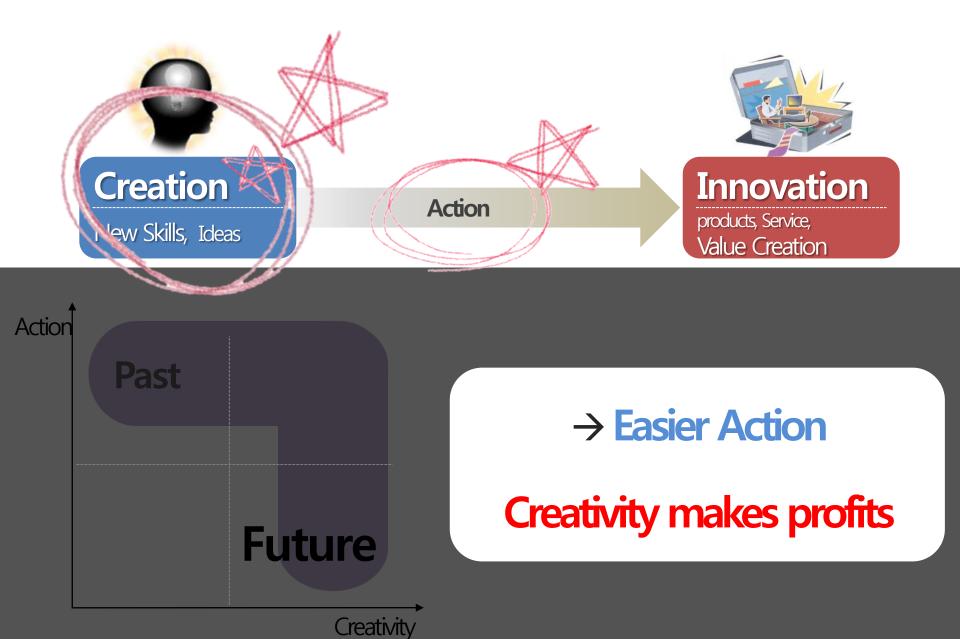
- Developing Country's development plan concept
- Contribution to Economic development based on cultural asset
- Economic and Cultural Development is Mutual Contact, not Mutual Exclusion



Korea's Creative Economy Creative Economy 2.0



From Action to Creation



Creative Economy of Britain and Korea

Core of Creative Economy

Creativity > Action

1997, Britain

Creative Economy 1.0

Creative Industry(5%)

Image, Advertisement, Design, Literature, Fashion,, Music, etc

Chose Creative Industry

2013, **Korea**

Creative-Industrialize all Industries

Creative Economy 2.0

Did NOT choose Creative Industry

Meta-technology Innovation Ecosystem Open Platform

Valley of Death and Darwinian Sea Innovation Economy



Easy Innovation, Creative Economy

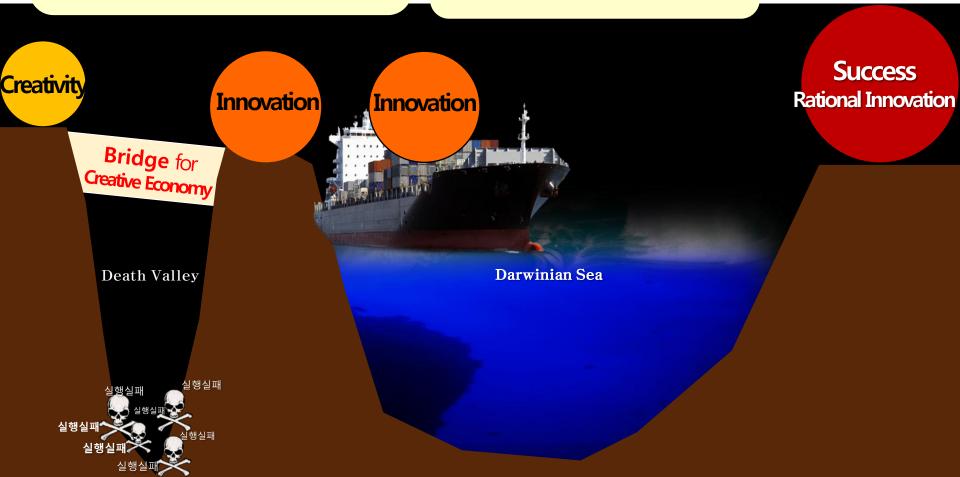
Creative Economy's Bridge

Meta-technology and

Innovation Ecosystem

Creative Economy's Ship

Market Platform



Open Platform Cases

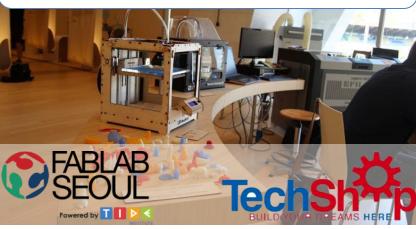
Social Idea Platform, **Quirky**



Cloud Funding Platform, **Kick-Starter**



Development Platform, Tech-Shop/ FABLAB



Living Lab



Integration of Science Technology, ICT, and Cultural Art



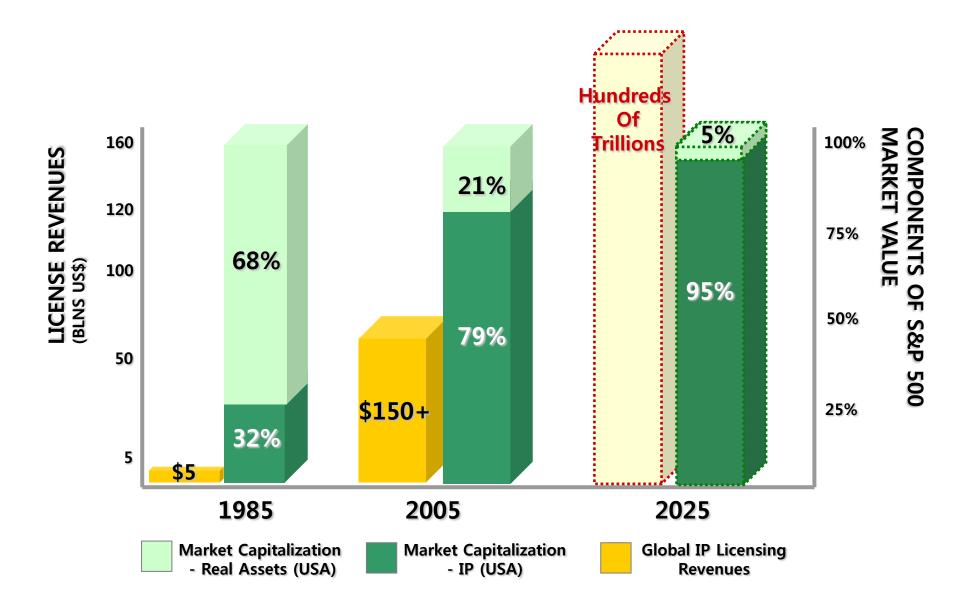
Korea's Creative Economy is Creative-Industralizing all Industries Creative Economy 2.0

Individual Tech >>> Meta-technology

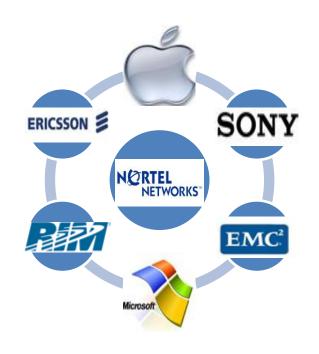
Solo Innovation **Ecosystem Innovation**

Vertical Systematization ▶▶▶ Open Platform

Change in Corporate Value



Creative Economy's Value Change



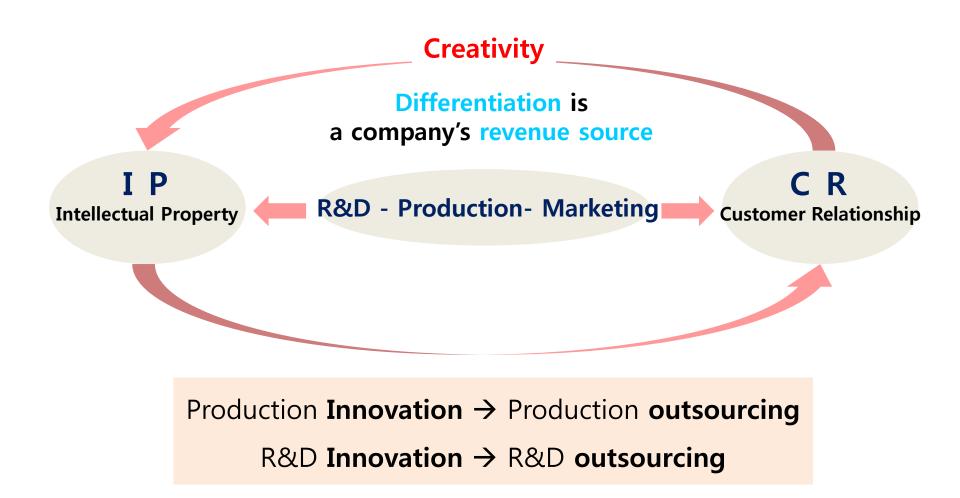


\$45 billion

\$125 billion

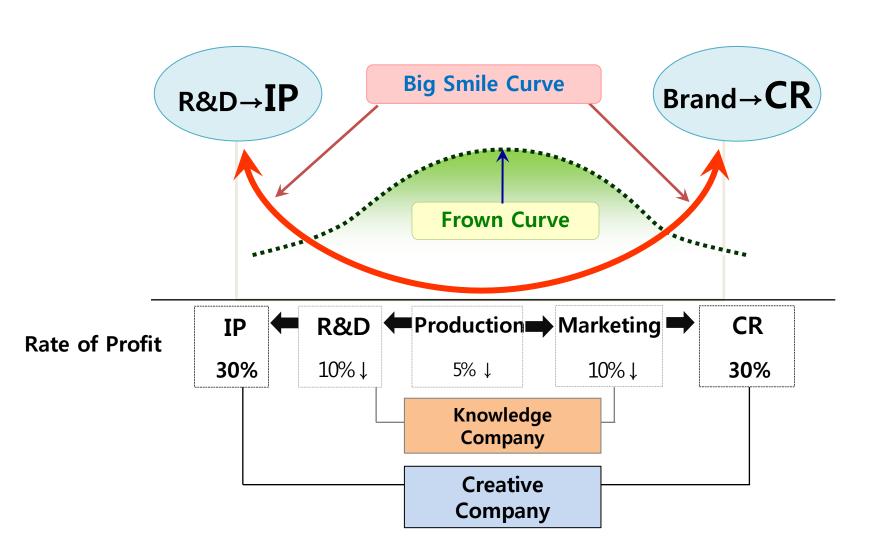
80% is Patent's Value

VALUE CHAIN's Evolution

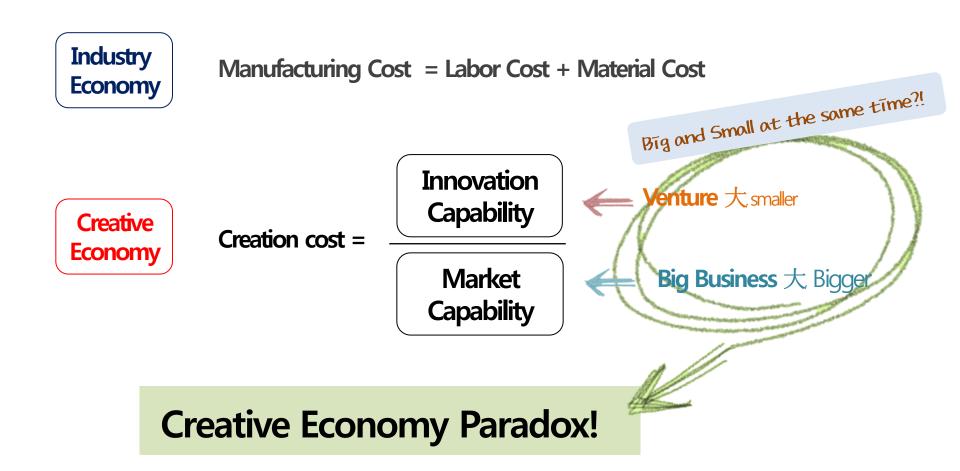


Big Smile Curve

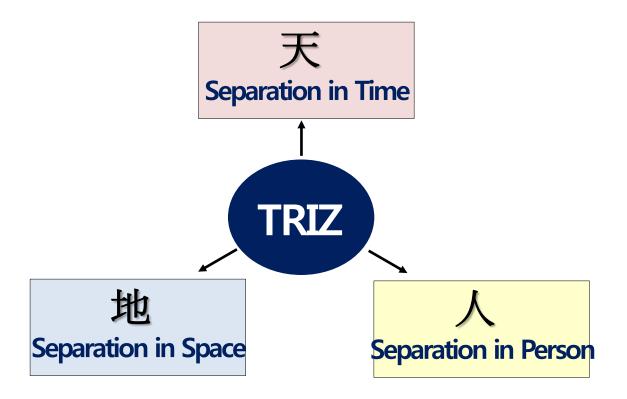
Frown curve → Smile Curve(Tsai,1999) → Big Smile Curve



Creative Economy Paradox



Overcome Creative Economy Paradox and TRIZ

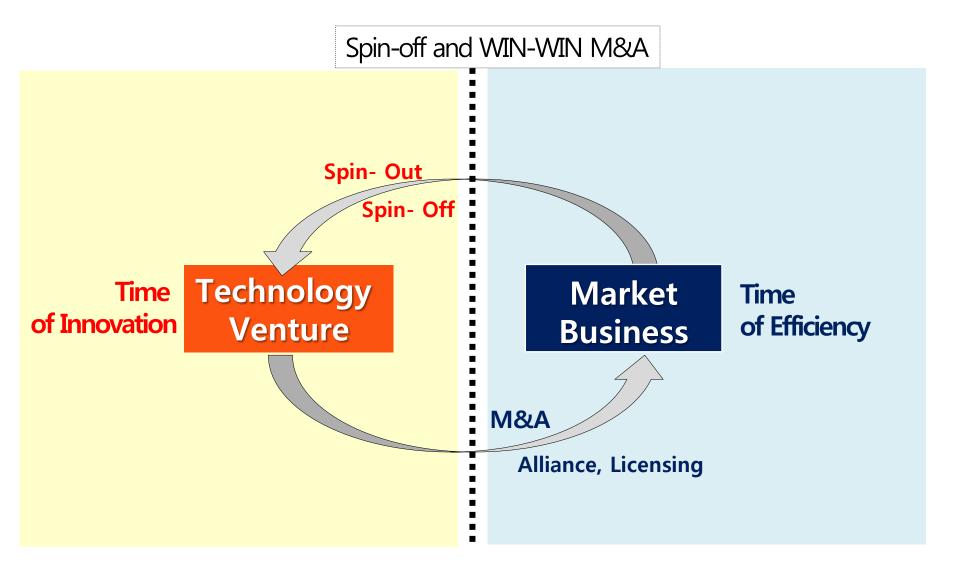


TRIZ

Teoriya Resheniya Izobretatelskikh Zadatch

Thinking tool for solving contradictory problems

天 Separation in Time: Open Innovation



Process of Business Globalization



Win-Win M&A 's 3 effects

Venture Takes Market!

- ✓ Use Market Capability of Big Business
- ✓ Promote Venture Growth

Leading company Takes Innovation

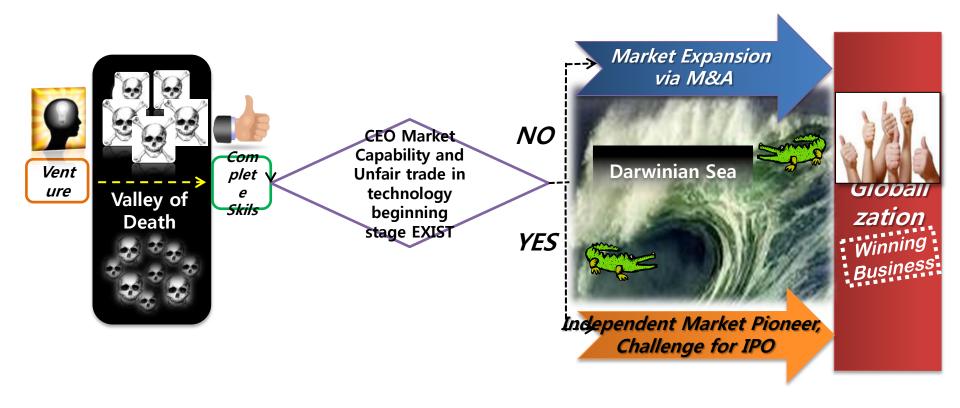
- ✓ Twentyfold difference between Venture and Big Company R&D
- ✓ Big Company's innovation capability complementation

Angel Investing takes Recovery Market!

- ✓ Recovery Market for Angel Investor's profit actualization
- ✓ Invigoration of beginning venture investment

Market to Venture

Choose IPO and M&A depending on conditions



Innovation to leading Company: CISCO case





PentaCon

🕼 infoGear

SIGHTPATH

1997

1998

Clarity

Wireless

1999

TransMedia

@mteva

October 2012 **Buyout total 156 companies** 2001 2004

2002

Hammerhead Networks

2003

DKENA





airespace

TOPSPIN'

SIPURA

VIHANA



2005(cont)

FineGreund

M∂Secure

netsift

Nemo







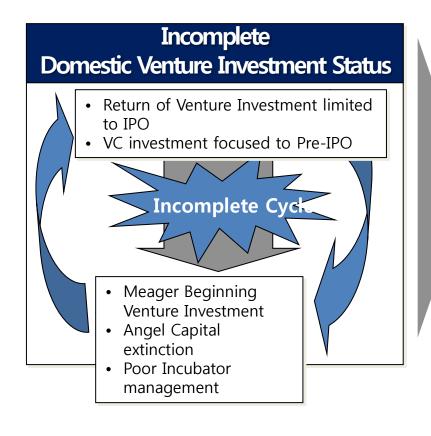
Google's M&A

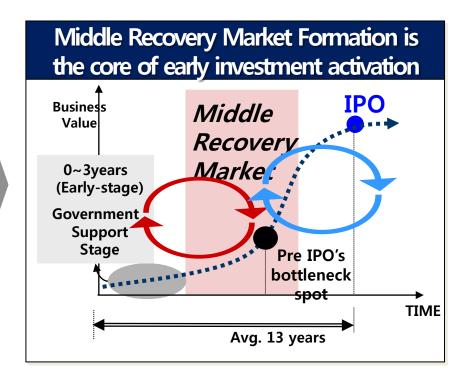
Main History

	Year	Company	Main Technology	Integrated Department
1	2001	Deja	Usenet	Google Groups
2	2001	Outride	Web search engine	Google Personalized Search
3	2003	Pyra Labs	Weblog software	Blogger
4	2003	Neotonic Software C	Customer relationship management	Google Groups, Gmail
5	2003	Applied Semantics	Online advertising	Ad <mark>Se</mark> nse, AdWords
6	200 3	Kaltix	Web search engine	iGoogle
7	200 3	Sprinks <u></u>	Online advertising	Ad <mark>Se</mark> nse, AdWords
8	2003	Genius Labs	Blogging /	Blogger
•••]		
125	2013	Behavio	Social Prediction	Google Now
126	2013	Wavii	Natural Language Proces <mark>sin</mark> g	Google Knowledge Graph
127	2013	Makani Power	Airborne wind turbines	Google X
128	2013	Waze	GPS navigation software	Google Maps
129	2013	Bump	Mobile software	Android
130	2013	Flutter	Gesture recognition technology	

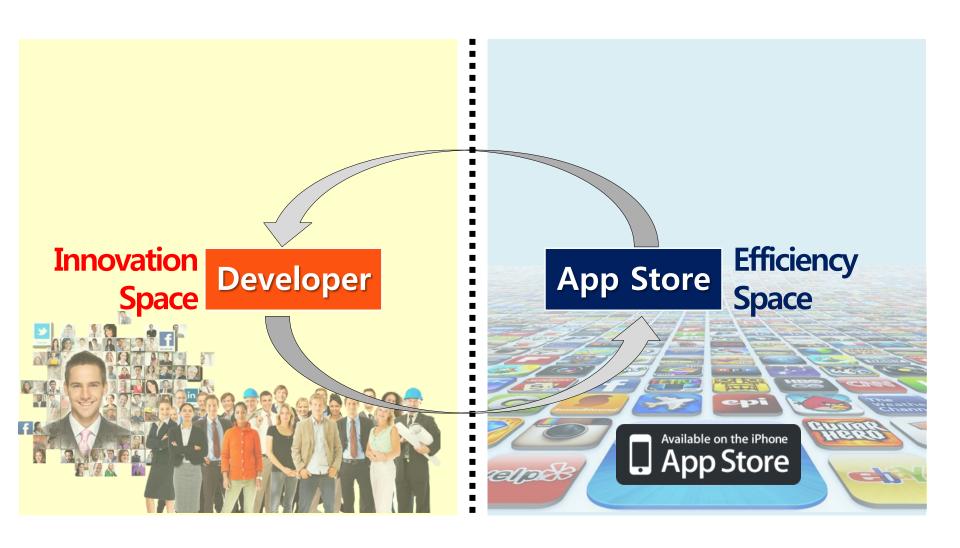
Buyout 130 companies over 13 years

Recovery Market to Angels





地 Separation in Space: Open Platform



Overcome Creative Economy Paradox

→Integrated Ecosystem

Smart Phone Industry

Single Minovation — Fell behind	on I-phone	Google Android	
Creative Company	App Developer	App Developer	
Manufacturing Company	Manufacturing Company	Manufacturing Company	
Large Scale Market Leading Company AppStore		GooglePlay	
Supply	Communications Company	Communications Company	

Complex Ecosystem Cases

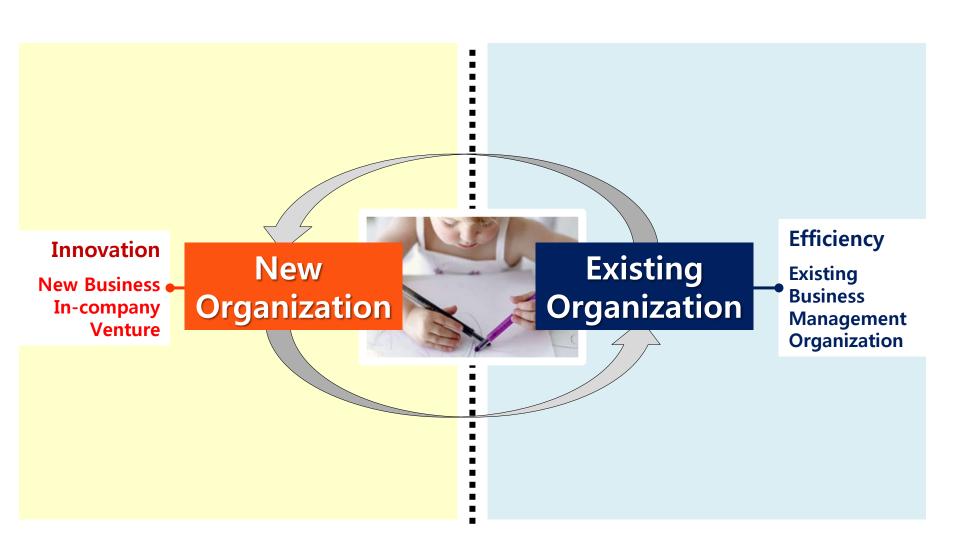
	Film Industry	Textile Industry	Pharmaceutical	Game
Small Creative Company	Scenario	Design	University	Scenario
Medium Commercialized Company	Production	Medium-size manufacturing	Bio Venture	Game Content
Large Market- leading Company	Universal Columbia, etc. publishers	Aramani, etc.	Multi-national Enterprise	Nexon, Hangame
Retail Market	Movie Theaters	Retailers	Local Pharmaceutical Company	Sale

"from individual company competition to company ecosystem competition"

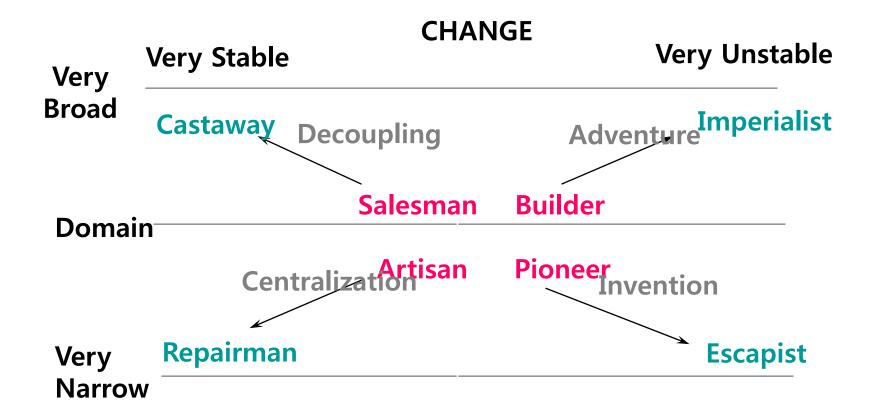
National Competitiveness = Combination of grand platform & various innovation



人 Separation in Person: in-company venture



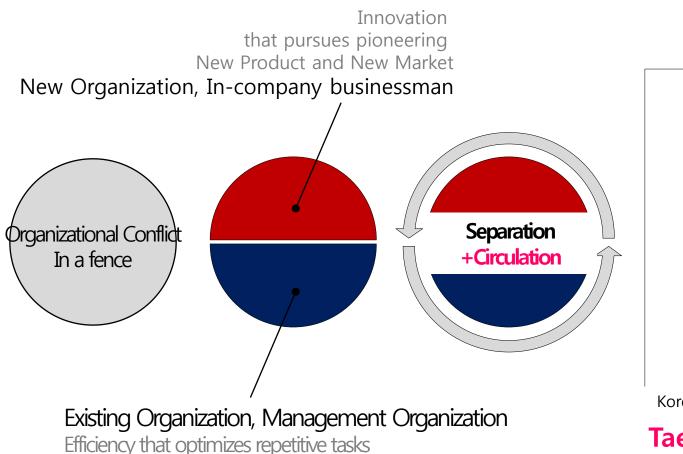
Icarus Paradox

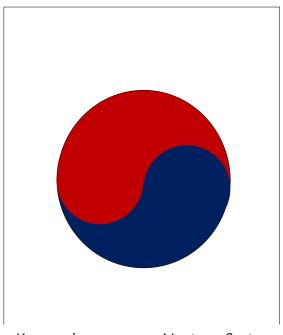


Success Strategy in the past is Future's failure Strategy

In-company Venture and Existing Organization's Virtuous Cycle

>>> Taegeuk Organization





Korean in-company Venture System

Taegeuk Organization

Separation and Cycle = TRIZ + Taegeuk



Open Innovation

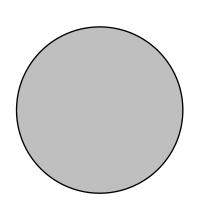


Space

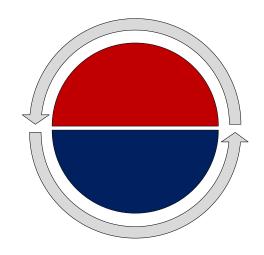
Open Platform



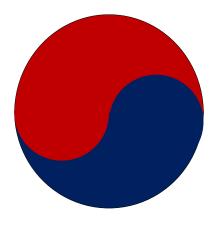
In-company Venture









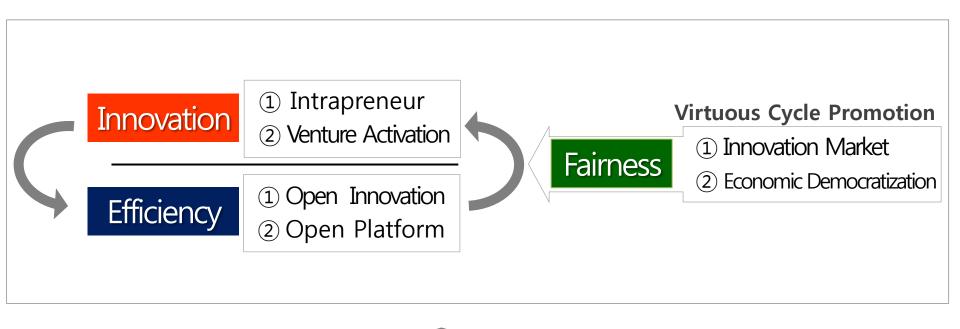


Life 生命 WIN-WIN 相生

Creative Economy 8 Strategies

Foundation Power

Society



Cultural Innovation

Educational Innovation



Lee Min Hwa

minhwalee@kaist.ac.kr

KOVA Honorary Chairman KAIST Professor KOHEA Chairman