

Glocal Open Innovation Series

Open Innovation and Sustainable Regional Growth

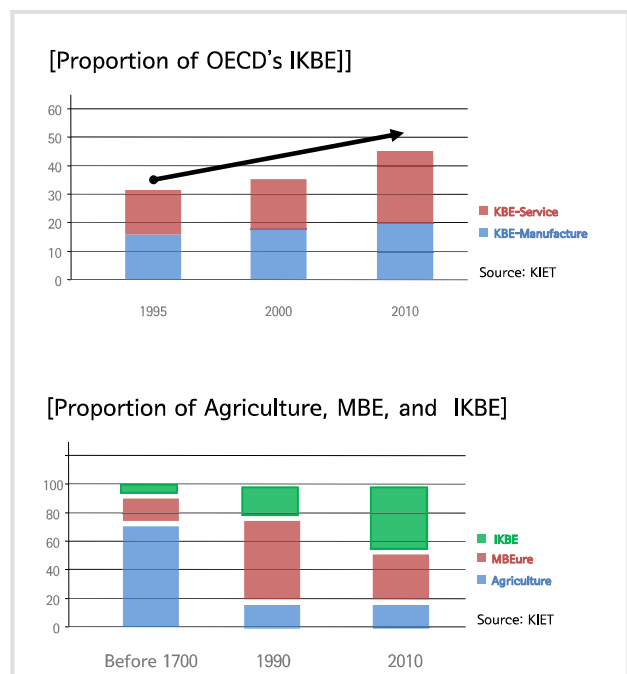
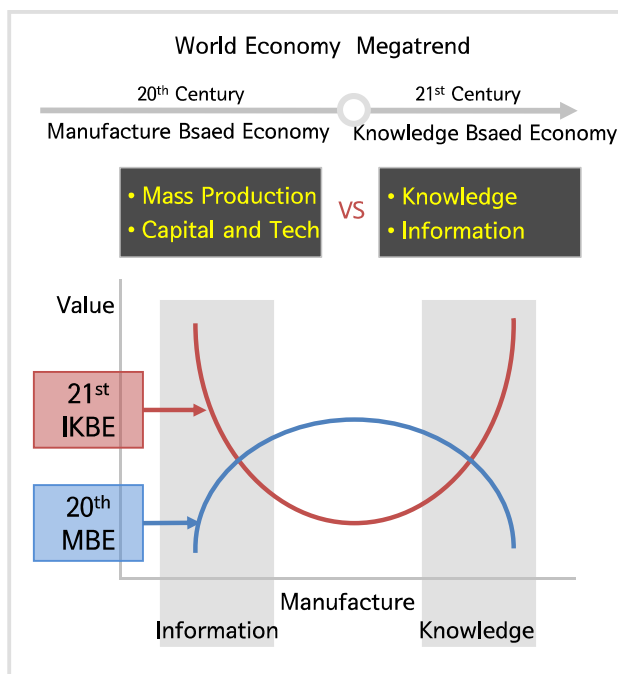
2014. 06. 24

Sang Ho Lee, Hanbat national University

Sustainable Development...®Evolution in Value Chain

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Value Chain into Information and Knowledge Economy



Definition

Open innovation is a term promoted by Henry Chesbrough in terms of companies(2003).

The open innovation paradigm can be interpreted to go beyond just using Internal and external sources such as customers, rival companies, and academic institutions for innovative opportunities.

The concept is also extended to open collaboration, user innovation, cumulative innovation, know-how trading, mass innovation and distributed innovation.

Open innovation has various model such as product platforming(API), collaborative product design and development, idea competitions and customer immersion as well as sharing platform.

Recent publications on intelligent regions stress the convergence of innovation systems and virtual environments in creating global and local systems of innovation in view of ICTs oriented regional perspective (Bell et al. 2009; Komninos 2008; IJIRD 2009).

Quality of Life...Smart Living and Collective Intelligence

Megatrend

Decreasing transportation distance and time, Space Sharing
Public Participation

@Evolution

Smart Living, Collective Intelligence by Citizens' Sensor
New Style Working, Moving and Sharing !! Change Life-style.

Open Innovation Services

Space Sharing , Smart Work, Car Sharing
Safety Map that citizens make, Government to citizen platforms

Open Innovation Strategies

Smart Living Zone, [Airbnb](#), [JustShareIt](#), and [Krrb](#).
[Open Government](#) and [Oakland](#)'s Open Budget Project



Megatrend

Eco and Code Green, Climate change and Energy Crisis
Reducing Energy consumption and CO₂ Emission .

®Evolution

Eco Intelligence for enhancing Eco Accessibility
Smart Green Ubiquitous Region!! Make Eco Intelligence.

Open Innovation Services

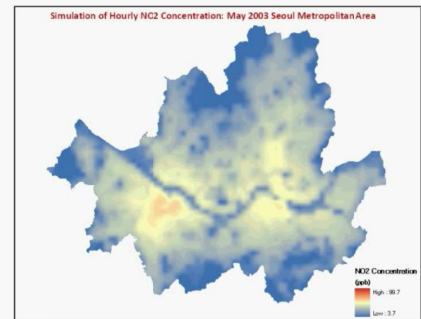
Real Time Air Pollution Monitoring
Eco Mileage for providing citizen with CO₂ reducing Incentives

Open Innovation Strategies

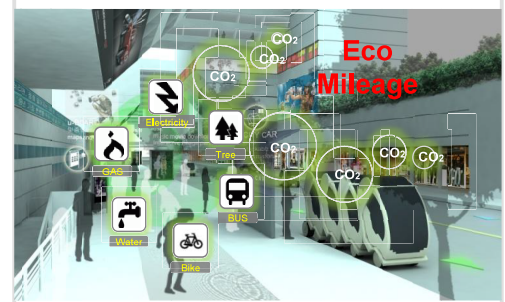
Air/Water/Sun and Light/ Green Monitoring, Smart Grid
Building Eco Monitoring , Smart Grid, Renewable Eco and ICTs Infra

오픈
이노베이션

Real Time Air Pollution Monitoring



Eco Mileage



Globalization...Global and Trans Regional Economy

Megatrend

Different Language, Need Way Finding in Global Lifestyle
Increasing in Global Business and New Funding Network System

®Evolution

Cyber Here , Global Now
Cosmopolitan loves Global city !! Harmonize the world

Open Innovation Services

Smart Eye with QR Code, Way Finding , Smart Guide
Teleconferencing for Global Business and Crowdfunding

Open Innovation Strategies

Global Communication Centre , Global Community
Crowdfunding platforms, [Kickstarter](#) and [Indiegogo](#)

오픈
이노베이션

Smart Eye/Smart Guide/Way Finding



Global Meta Centre



Megatrend

Sustainable Development and Management, Health care and Welfare
Reducing Regional Disparity, Appropriate Technology

REvolution

Intelligent Infrastructure and Smart Space
Human and Space communicate with each other

Open Innovation Services

Infrastructure Automatic Management, U-Health Care
Collaborative product design and development, Sharing Intellectual

Open Innovation Strategies

Open Culture, Media Gallery, U-Scape, U-Skin, Intelligent Infrastructure
Innovation marketplaces, [Architecture for Humanity](#) and [Innocentive](#).

오픈
이노베이션

U-Scape and U-Skin



Yodakandiya CommunityComplex, Sri Lanka.



Thank you.

If you have any questions, Feel free contact UCRC

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