

JST中国総合研究センター 国際シンポジウム

パネルディスカッション I  
中国と日本の新しい競争と協調関係  
—ものづくりの現場から—

2011年3月2日

JST社会技術研究開発センター長・  
研究開発戦略センター副センター長  
有本建男

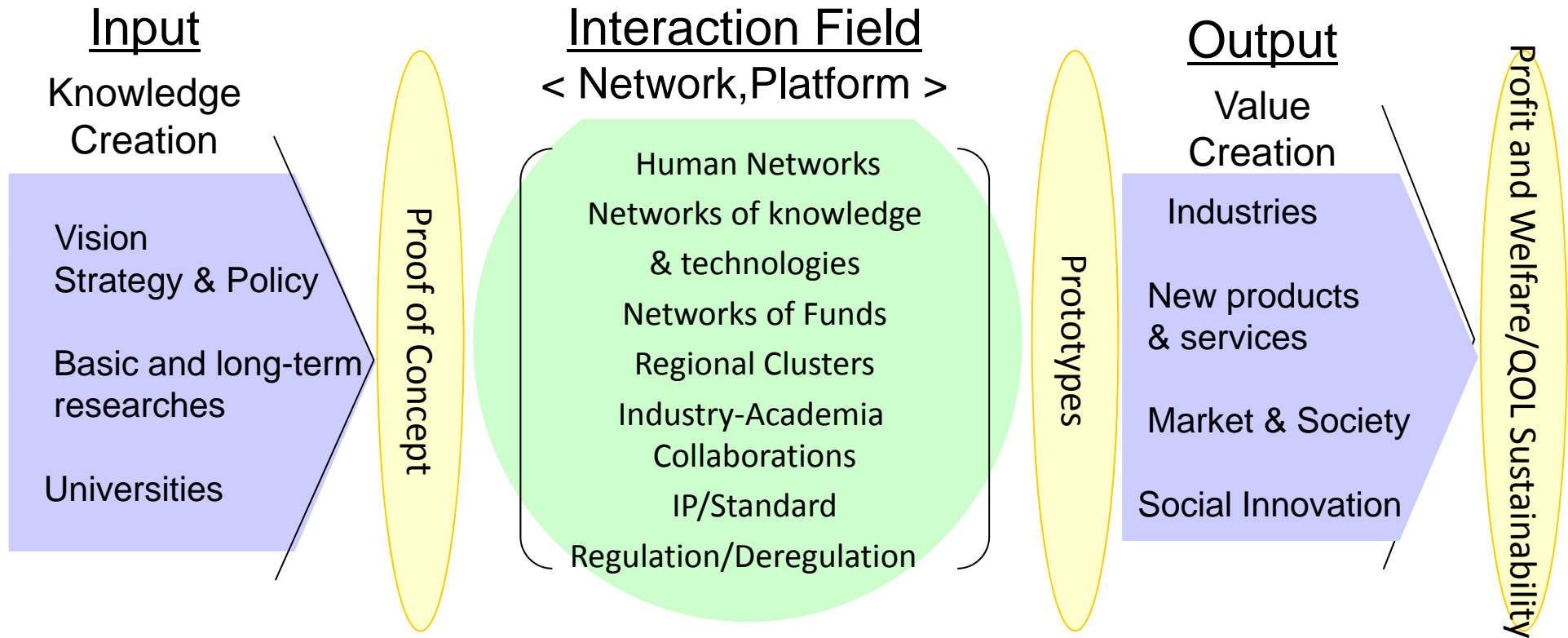
## Innovation for what in the 21st century ?

- Innovation for profit
- Innovation for competitiveness
- Innovation for growth
- Innovation for employment
- Innovation for wellbeing & quality of life
- Innovation for safety, security & social cohesion
- Innovation for sustainable development

Innovation horizon is expanding.  
Rules of games is changing. Rethink, redesign and rebuild.

# *Innovation Ecosystem*

[ Global, Regional,  
National & Local ]



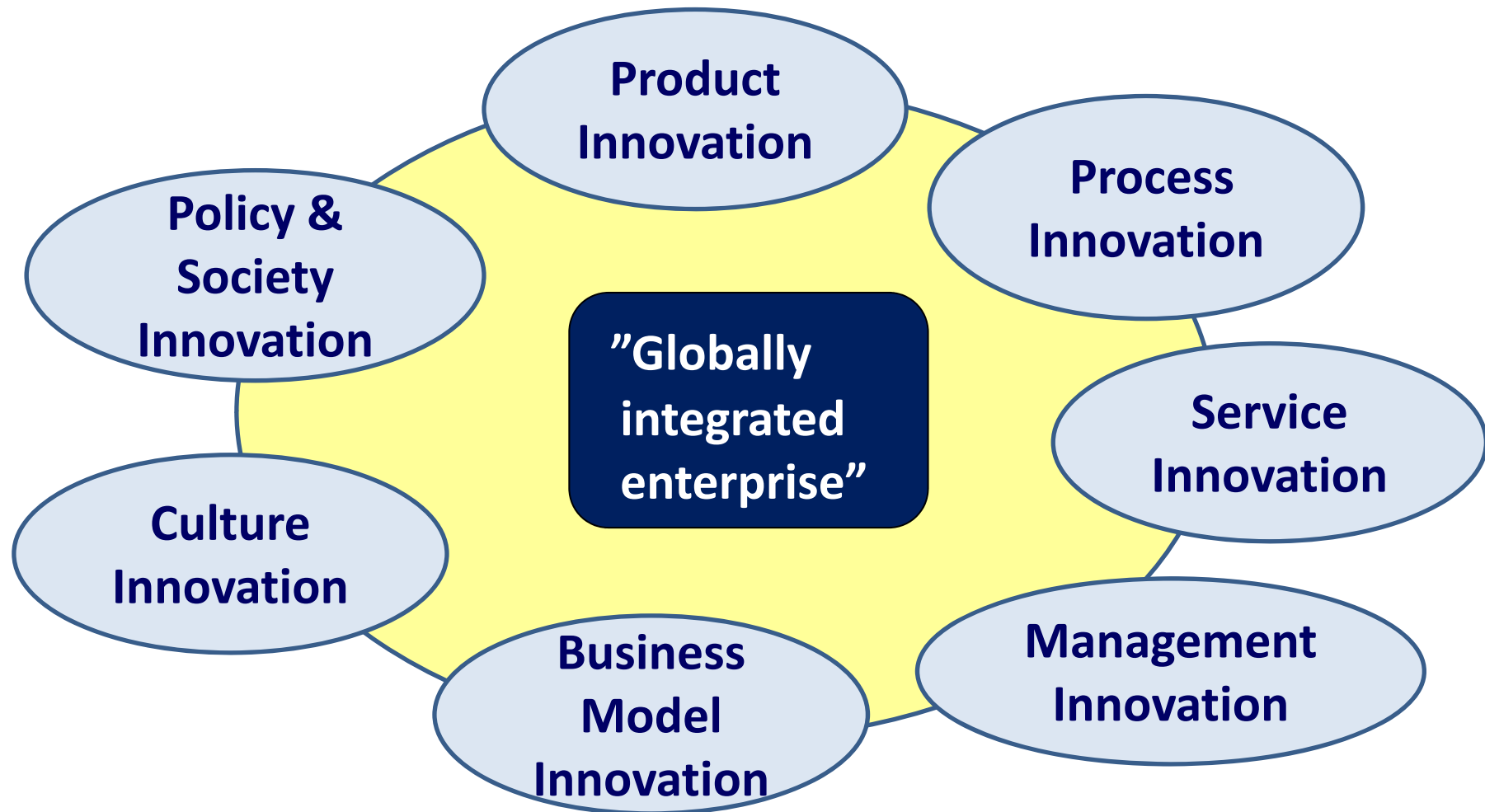
Funding : public, angel, VC, company

Human Resources/Education: nurture talents, brain circulation

Social wishes & needs, Foresight, Social acceptance, TA & ELSI

Competition & Collaboration

## Expanding the innovation horizon in business



○ How do you integrate your corporate culture with local cultures on five continents?

S.Palmisano, IBM  
"Foreign Affairs", May/June,  
2006

# Solving Global Problems

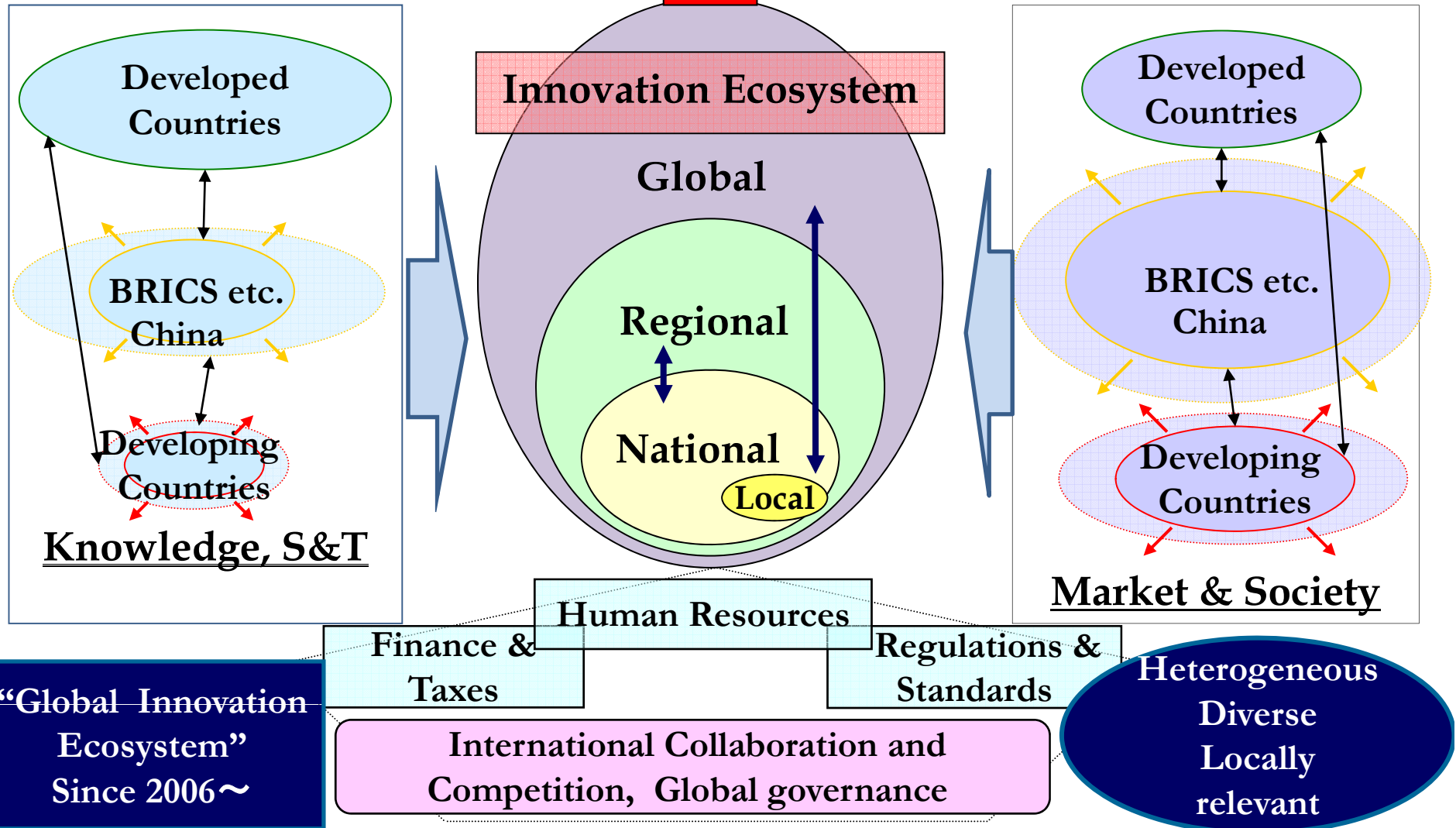
## Public Values:

QOL, Energy & Env., Security & Safety, Employment, Social Cohesion

## Challenge of Sustainability and Development

## Corporate Values:

Competitiveness, Growth, Profit, CSR, Economic Crisis



# New Perspectives for Science and Innovation

- Bridging science and society/market
- Beyond the boundaries (disciplines, organizations, generations, nations)
- Network, Platform, Connectivity for Innovation  
COE (Center of Excellence)  
⇔ NOE (Network of Excellences)  
.....
- Transformative research, Converging Technologies, Full research
- New innovation model
  - \* Disruptive Innovation (by Christensen)
  - \* Reverse Innovation (by Immelt)
  - \* Frugal Innovation (by Govindarajan & the Economist)