

Building Regional Innovation System
- Regional Innovation Committees in Korea:
A Case Study of Busan

2006. 10. 17

Sung-Joon PAIK (KRIVET)

and

Jang-Soo RYU (Pukyong National University)

Contents

I . RIS and RIC in Korea

II . Roles of RIC

III . Organization and Tasks of Busan RIC

IV . Relationship between HEIs and Busan RIC

V . Lessons Learned

I. RIS and RIC in Korea

□ Introduction of RIS

- ▶ 'Participatory Government' set 'Balanced Regional Development' as a National Policy Agenda in 2003, and adopted RIS as a Key Concept for Regional Development Strategy.
- ▶ The Government set up 14 Regional Innovation Committees, under the 'Special Law for Balanced National Development', as a Discussion & Review Panel for Pursuing Regional Innovation Policies.

I. RIS and RIC in Korea

Regional Innovation System

- ▷ Network of institutions in the public and private sectors which creates, modifies, and disseminates new knowledge & skills needed for regional economic, social and organizational development.

Regional Innovation Committee

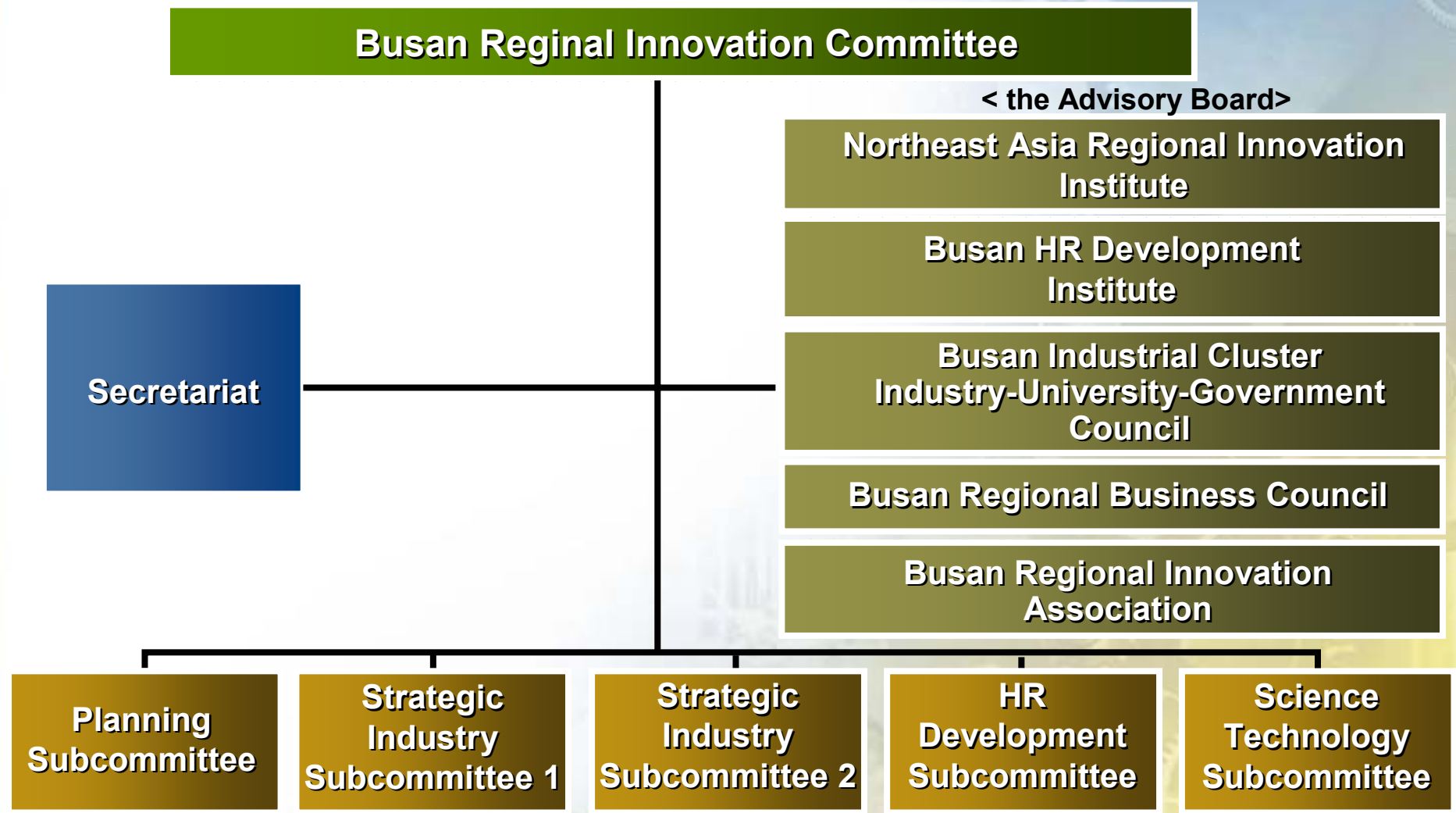
- ▷ Committee, comprised of representatives from various kinds of actors (local government, private enterprises, colleges & universities, research institutes, etc.), main functions of which are to raise and discuss regional innovation issues, and to develop policy measures.

II. Roles of RIS

- Review Regional Innovation Plans, Set Up Policy Tasks and Strategies, and Prioritize Innovation Projects**
- Facilitate Networking among RIS Components (Local Government, HEIs, SMEs, Think-Tanks, Industrial Parks, Public Organizations)**
- Act as a Communication Channel between Local Government and Central Government**
- Spread Innovation Spirit around the Community**

III. Organization and Tasks of Busan RIS

□ Organization of Busan RIC



III. Organization and Tasks of Busan RIS

□ Busan RIC Members

parts		numbers	busi- nesses	HEI	think- tanks	economic and finacial organization	local govern- ments	local legislature	NGOs	Press	etc.
totals		189(18)	19	65(4)	16(5)	21	26(4)	7	16	10	9(5)
Busan Regional Innovation Committee		59(1)	4	19	4(1)	9	7	1	8	5	2
sub committee	total	130(17)	15	46(4)	12(4)	12	19(4)	6	8	5	7(5)
	planning	26(6)	1	5(1)	3	3	5(1)	2	2	1	4(4)
	strategic industry 1	24(3)	6	4(1)	3(1)	4	3(1)	1	1	1	1
	strategic industry 2	30(3)	6	12(1)	2(1)	3	4(1)	1	1	1	
	HR Development	27(2)		14(1)	1(1)	1	5	1	4	1	
	Science Technology	23(3)	2	11	3(1)	1	2(1)	1		1	2(1)

Note: () members counted double

III. Organization and Tasks of Busan RIS

□ Tasks of Subcommittees in Busan RIC

Subcommittee	Main Tasks
Planning Subc.	<ul style="list-style-type: none">- RIS Planning, Evaluation & Review- Administrative Support to RIC Operation
Strategic Industry Subc.#1	<ul style="list-style-type: none">- Support to Development Projects on Mechanics, Automobile, Shipbuilding, Bio, Footwear- Pre-review of Master Plan for Strategic Industries#1

III. Organization and Tasks of Busan RIS

Subcommittee	Main Tasks
Strategic Industry Subc.#2	<ul style="list-style-type: none">- Support to Development Projects on Other Industries- Pre-review of Master Plan for Strategic Industries#2
HR Development Subc.	<ul style="list-style-type: none">- Strengthening Education and R&D Capacity of Local Coll. & Univ. (e.g., Review NURI Project)- HRD, Lifelong Learning, Vocational Training
Science & Technology Subc.	<ul style="list-style-type: none">- Enlarging Regional R&D Projects and Strengthening R&D Capacity- Improving Science & Technology Infrastructure

IV. Relationship between HEIs and Busan RIC

- **Busan RIC Promotes Cooperation between HEIs and Other Actors in the Region and HEIs' Participation in Regional Development.**
 - ▷ University Presidents and Professors Participate in Busan RIC as Committee Members.

- **Busan RIC Reviews Project Proposals to the Central Government's Policy Projects (e.g., NURI, BK21) and Select Project Teams at the Regional Level.**
 - ▷ Central Government Makes Final Decision, Considering RIC Review Results.

V. Lessons Learned

- Lack of Cooperation Experiences for Pursuing Common Goals**
 - Need to Build Up Mutual Trust and Culture of 'Working Together' (Social Capital)

- Mainly Involved in central Govt's Projects**
 - Need to develop More Region-based Projects

- Lack of Human Resources and knowledge Base**
 - Need for Capacity Building



Thank you !!!