

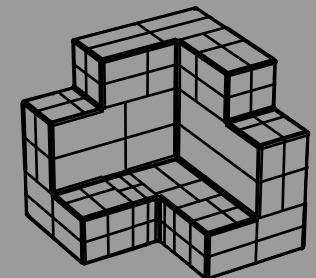
# Supporting the Contribution of Higher Education Institutions to Regional Development

- Background and Major Issues in Busan -



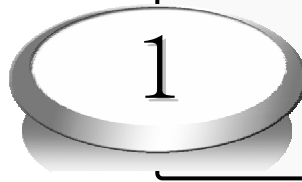
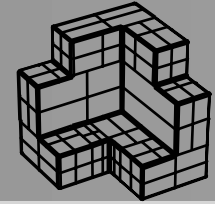
2005. 10. 4

Sung-Joon Paik and Jangsoo Ryu





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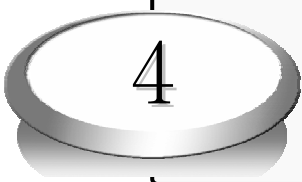
**Geographic & Economic Background of Busan**



**Higher Education in Busan**



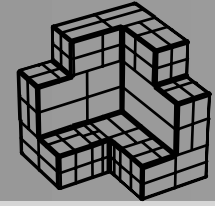
**Policies for Regional Development**



**Key Issues**



# Geographic & Economic Background of Busan

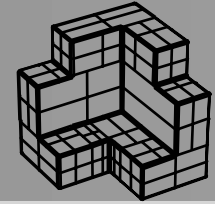


- Located in the South-Eastern Part of Korea
- 3.6 Million Inhabitants – Second Largest City
  - ▶ Population kept decreasing over the past 10 yrs.
  - ▶ Average age increasing





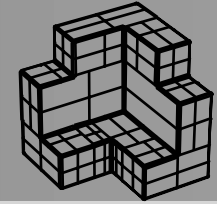
## Geographic & Economic Background of Busan



- Services(79.4%), Manufacturing(19.0%), Agriculture & Fishery(1.6%)
- Labor Participation Rate 57.8% < 62.0% in Korea(2004)  
Unemployment Rate 4.0% > 3.5% in Korea(2004)
- % of Busan's GRDP in Total kept decreasing
  - ▶ 7.0% in 1990 → 5.9% in 2003
- Strategic Industries
  - ▶ Core S. I.: Port Logistics, Mechanical parts/Materials, Tourism/Convention, Film/IT
  - ▶ Endogenous S. I.: Finance and Futures, Bio-marine, Processed Marine Products, Textile/Fashion



# Higher Education in Busan



## ■ 23 Higher Education Institutions

	Univ.	Univ. of Educ.	Polytechnic U	Junior C.
National	3	1	0	0
Private	8	0	1	10
Total	11	1	1	10

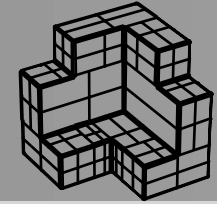
- ▶ High % of Private Institutions (82.6%, 82.3% in Korea)
- ▶ Similar in Composition of Dept., Courses and Curriculum

## ■ 71.4% of Univ. Freshmen from Busan

- ▶ 19.9% from Busan's Vicinity Areas (Kyungnam and Woolsan)



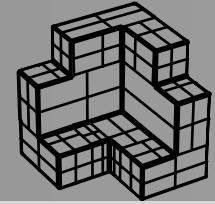
# Policies for Regional Development



- Central Gov't: Introduction of the RIS Strategy in 2003
  - ▶ Key Strategy to Promote Regional Development based on the Collaboration among Stakeholders in the Region
  - ▶ Univ. to Play a Critical Role in Training Manpower and R&D
  
- Local Gov't: Fund for RHRD and  
5-yr Plan for Busan Innovation
  - ▶ Plan to Mobilize 100 Million U.S.\$ for HRD by 2007
  - ▶ Establish a Regional Innovation Committee and 3 R&D Clusters



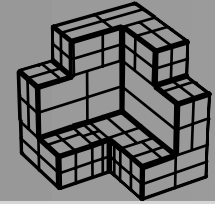
# Key Issues



- Need to Redefine the Role of Universities for Regional Development
  - ▶ Creator / Provider of New Knowledge, Skills & Ideas
  - ▶ Facilitator / Coordinator for Effective Cooperation among Stakeholders
  
- Need to Restructure Univ. by Field of Study
  - ▶ Solving Mismatch bet. Univ. Education and Industrial Needs
  - ▶ Developing New Industries by New Skills & Knowledge



# Key Issues



- Need to Build Effective Communication & Cooperating Mechanism among Stakeholders
  - ▶ Promoting Exchanges of Information & Experts and Joint Work
  - ▶ Building & Increasing Mutual Trust → Social Capital
  
- Need to Increase & Maintain Central and Local Gov'ts' Support
  - ▶ Securing Funding Sources for Regional Development and H.E.I.'s Involvement
  - ▶ Providing LMI and EMI for Restructuring of HE and Making Informed Decisions for Regional Development



**- Thank you -**

