

# Korea Research Institute for Human Settlements



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# KRIHS Introduction



# Foundation

Founded in October 1978 under the 'Act on KRIHS Establishment' by the Korean Government  
proposed by President Park, Jung Hee

※ Law for Promoting Korea Research Institute for Human Settlements

Under the 'Nat'l Research Council for Economics, Humanities and Social Sciences' Supervised by the Prime Minister since 1999

formally supervised by Ministry of construction and Transportation

※ Dec. 2010: Global Development Partnership (GDP) Center Inaugurated

## Leading Think Tank in the Fields of

- National Territorial & Regional Planning
- Environmental Planning
- Urban Planning & Design
- Transportation Planning
- Construction Economy
- Housing and Land Policies
- Geospatial Information System

# Objectives & Function



Comprehensively undertake research activities with the efficient use, development and conservation of the territorial resources; Thus, contributing to the balanced development of the territory and the enhancement of the quality of people's life

- To formulate long-range national and regional development plans
- To carry out studies on the efficient use and conservation of the territory, and management of the land resources
- To conduct policy researches on the territory-related fields such as land, housing, urban planning and construction industry
- To perform a comprehensive research on the social overhead capital(SOC), infrastructure, such as road, railway, airport and port
- To systematically manage and supply data on the national land resources
- To carry out a joint research and cooperative research projects in collaboration with provincial governments, research institutes at home and abroad, and international organizations

# Recent Focus

Entering the 2005, in the era of global green growth paradigm. KRIHS posits more relevant and tangible research and managerial emphasis on the following

## **Green Growth-oriented territorial development**

To explore and formulate leading green growth-oriented territorial development strategies by integrating green technologies and territorial development policies

## **Globalized soft territory**

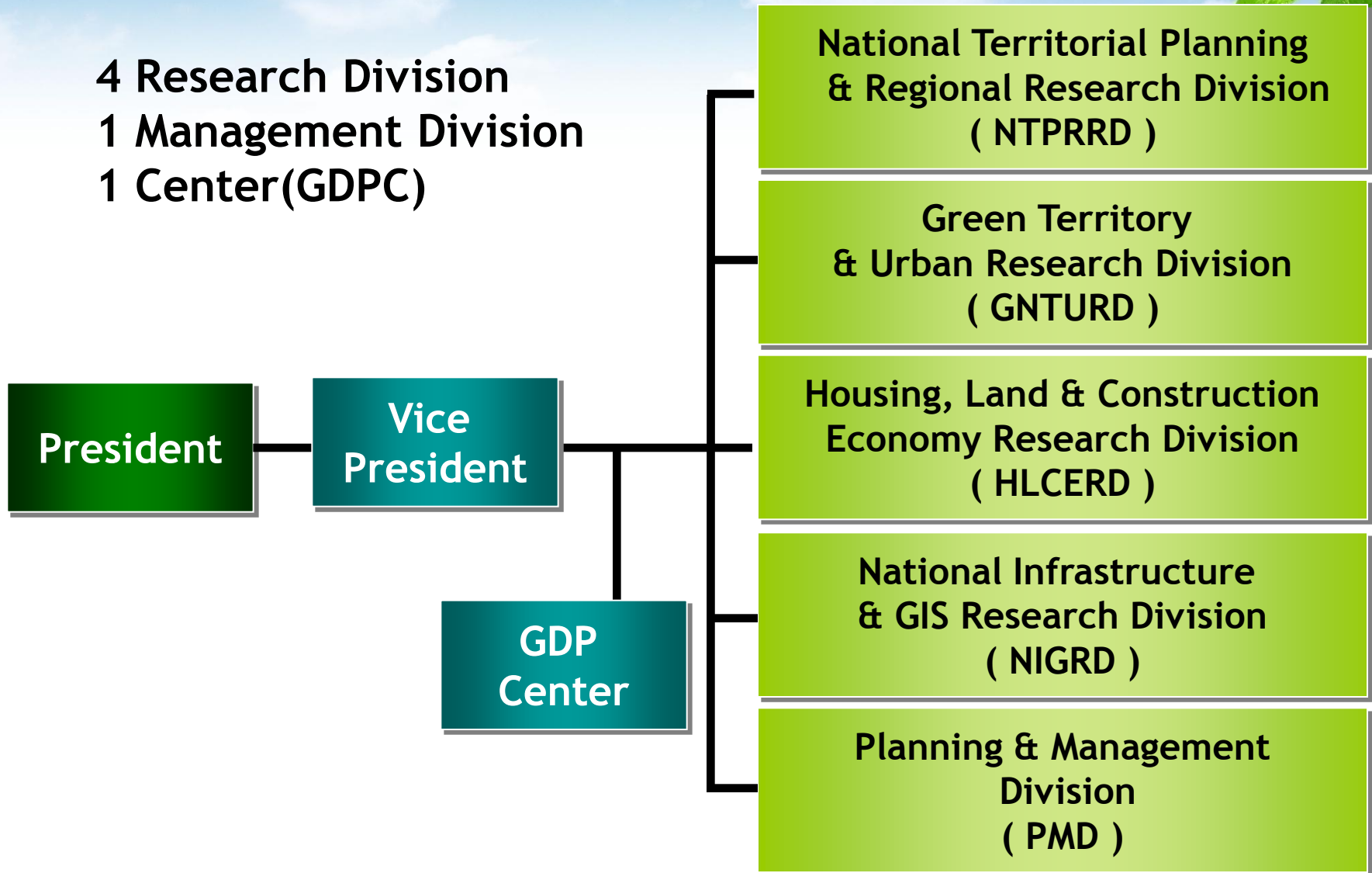
To seize opportunities for collaboration in overseas resource development, new town development, and infrastructure construction, expanding the horizon for sharing Korea's territorial development experiences to the developing countries

## **Territorial policies that enhance the national prestige brand & identity**

To help Korea become a “greater Korea” and improve its image by strengthening the brand power of each individual and developing advanced territorial policies

# Organization

4 Research Division  
1 Management Division  
1 Center(GDPC)



※ AURI(Architecture & Urban Research Institute) as a KRIHS affiliated Institution (est 2007)

# Organization(`continued)



# Staff & Finance

## Staff

Total 300 persons

- 250 research staff – 90 Ph.Ds & 120 M.As with a variety of expertise such as urban & regional planning, transportation, engineering and economics
- 50 supporting staff & Technicians

## Budget & Finance

Total 32 million USD (as of 2009)

- Approximately 17 million USD from Government
  - 16 million USD from Internal Earnings
- ✧ Internal Earnings include research project ordered mostly by public agencies such as central government, local governments, public corporations etc. KRIHS is a non-profit organization, thus does not take private sector as clients

# Research Divisions



# Research Divisions

## National Territorial Planning & Regional Research Division



# National Territorial Planning & Regional Research Division

## Research Fields

- Comprehensive National Territorial Plan
- Improvement Plan for the Capital Region
- Industrial Location and Regional Innovation Policy
- National Territorial Development and Balanced Regional Development

Reclamation of Saemangeum



Saemangeum Seawall (33.9km)



Land Use Plan



# National Territorial Planning & Regional Research Division

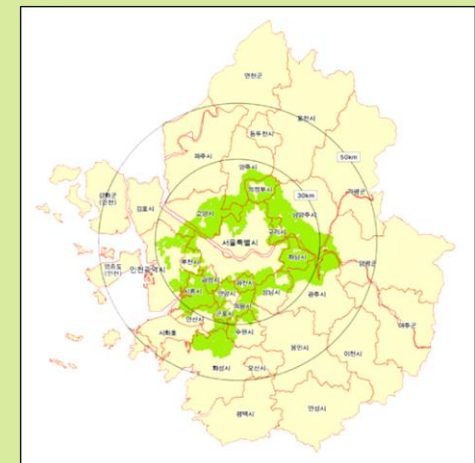
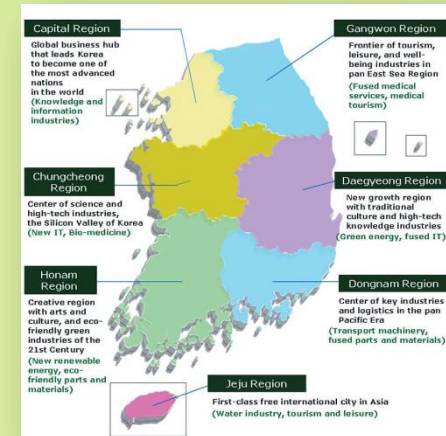
## Special Task Force Teams

### ■ Center for Mega Region Studies

- Study on mega region policy
- Study on cooperation among local governments and solution to social conflicts
- Study on city-region policy
- Study on resolution of interregional disparity and balanced national development

### ■ Center for Capital Region Policy

- Policies and comprehensive plans for the capital region
- Establishment of planned management of the capital region
- Study on regulation and policy for the capital region
- Study on competitiveness of the capital region

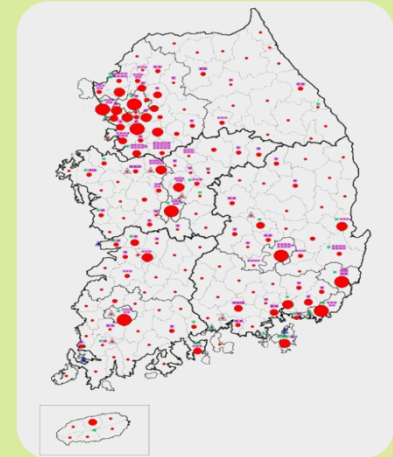


# National Territorial Planning & Regional Research Division

## Special Task Force Teams

### ■ Center for Industrial location Policy

- Establishment of industrial complex development plan
- Establishment of industrial location information management system
- Study on formation and promotion of innovative industrial clusters
- Study on industrial location and regional economics development



### ■ Center for Global Territorial Research

- Conceptual territorial planning of the Korean Peninsula
- Development of short-and long-term policies in preparation for the unification of the Korean Peninsula
- Restructuring strategies for the territorial structure of the Korean Peninsula to facilitate regional cooperation
- Comparative analysis of urban and regional development in Northeast Asia



# National Territorial Planning & Regional Research Division

## Selected Researches

### ■ 2010

- Conflict Management in Spatial Development Projects
- Futures of National Territory

### ■ 2009

- A Study on Mega-Economic Region Development to Promote Korea's National Territorial Competitiveness
- A Study on the Capital Region's Development Strategies

### ■ 2008

- Measures for Establishment and Promotion of Polycentric Urban Region System for Future Balanced National Development
- The strategy and Direction for Foreign City Development

# Research Divisions

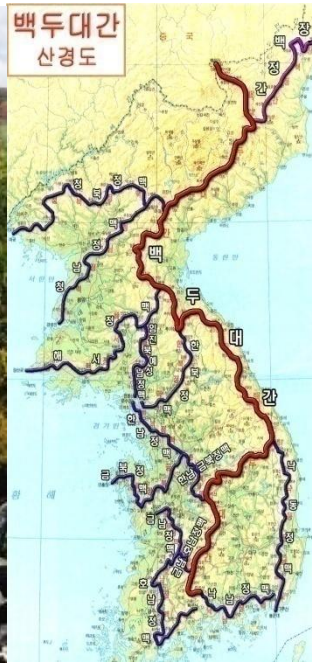
## Green Territory & Urban Research Division



# Green Territory & Urban Research Division

## Research Field

- Environment, Culture, Tourism & Leisure
- Water Resources & Disaster Prevention
- Urban Policies, New Town Planning
- Urban Regeneration
- Development of District Unit Plans



# Green Territory & Urban Research Division

## Special Task Force Teams

### ■ Center for Territorial Policy & Green Growth

- Policy research and strategies development of territorial management for low-carbon (emission) green growth
- Capacity reinforcement and on-the-spot support for green
- Domestic and international information network & database for green growth-oriented territorial development strategies



### ■ Center for Urban Regeneration Policy

- Research on the policies of urban regeneration and livable cities
- Cooperation with local governments for urban regeneration programs
- Create on archive of urban regeneration achievements



## Special Task Force Teams

### ■ Center for Cultural Territorial Policy

- Research on policies for making and utilizing historical-cultural environment
- Research on conservation and land use planning for ancient capitals and historical cities
- Making basic database related to historical-cultural information to forge cultural territory



# Green Territory & Urban Research Division



## Selected Researches

### ■ 2010

- Direction of Urban Policy under Population Decline in South Korea
- Study on the Spatial Planning and Public Policies for Creating a Healthy City

### ■ 2009

- Green Growth and National Territorial Development : Spatial Impact Analysis
- A Strategy for Promoting Community Business as a Catalyst for Urban Regeneration

### ■ 2008

- Climate Change and Sustainable Land Management Strategies in Korea
- A Study on the Disaster-Prevention Urban Planning for the Creation of safe City

# Research Divisions

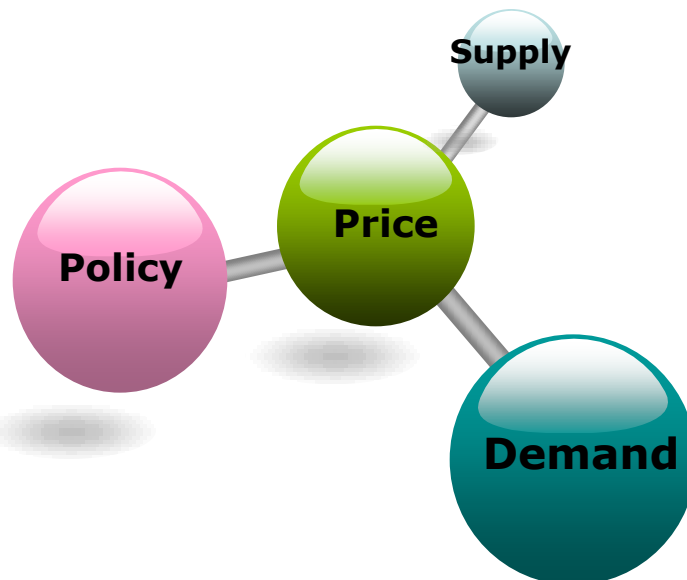
## Housing, Land and Construction Economy



# Housing, Land & Construction Economy Research Division

## Research Field

- Evaluation and Development of Land & Housing Policies
- Land & Housing Market Analysis and Forecast
- Development of Land Management System
- Construction of Land & Housing DB
- Infrastructure Analysis
- Construction Economy Forecasting

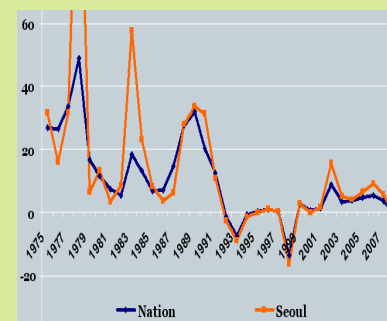


# Housing, Land & Construction Economy Research Division

## Special Task Force Teams

### ■ Center for Real Estate Market Analysis

- Analysis and forecasting of land and housing market trends
- Development of structural model of land and housing markets
- Real estate finance and taxation policies
- Analysis on the interacting effects of macroeconomic variables, real estate market and real estate policies



### ■ Center for Housing Welfare Policy

- Establishment of comprehensive housing policy plan
- Development and evaluation of housing welfare policies
- Survey for housing residential conditions
- Analysis of the housing supply & demand structure and management of housing stock

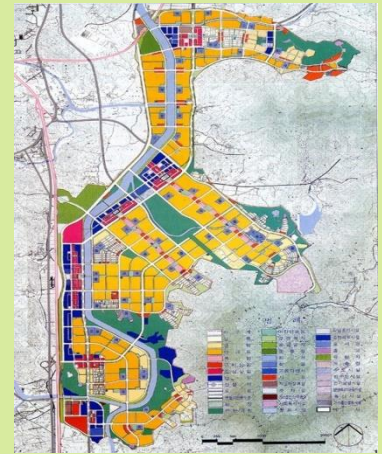


# Housing, Land & Construction Economy Research Division

## Special Task Force Teams

### ■ Center for Land Policy

- Development and evaluation of land policies
- Improvement of land development and real estate industry policies
- Development of land use and planning system
- Analysis of land supply & demand structure and management of land stock



### ■ Center for Construction Economy

- Analysis of the effects of infrastructure investment and estimation of social overhead capital stock
- Development of construction industry policies and legal system
- Analysis and forecasting of the construction economy
- Analysis of overseas construction markets
- Informatization for construction policies and administration management



# Housing, Land & Construction Economy Research Division

## Selected Researches

### ■ 2010

- A Study on Residential Stability and Owned Housing Policy for Low-Income Household
- A Study on Housing Policy for Disabled Household

### ■ 2009

- Korean Housing Supply Programs Based on Demand Analysis
- Policy Measures to Encourage Package Deals Overseas: Bundling Construction Industry with Oil, Gas, and Mineral Industry

### ■ 2008

- Policy Evaluation & Alternatives for the Advanced Real Estate Market In Korea
- A Study on the Improvement of Land Regulations Preparing for the Investor-state Dispute

# Research Divisions

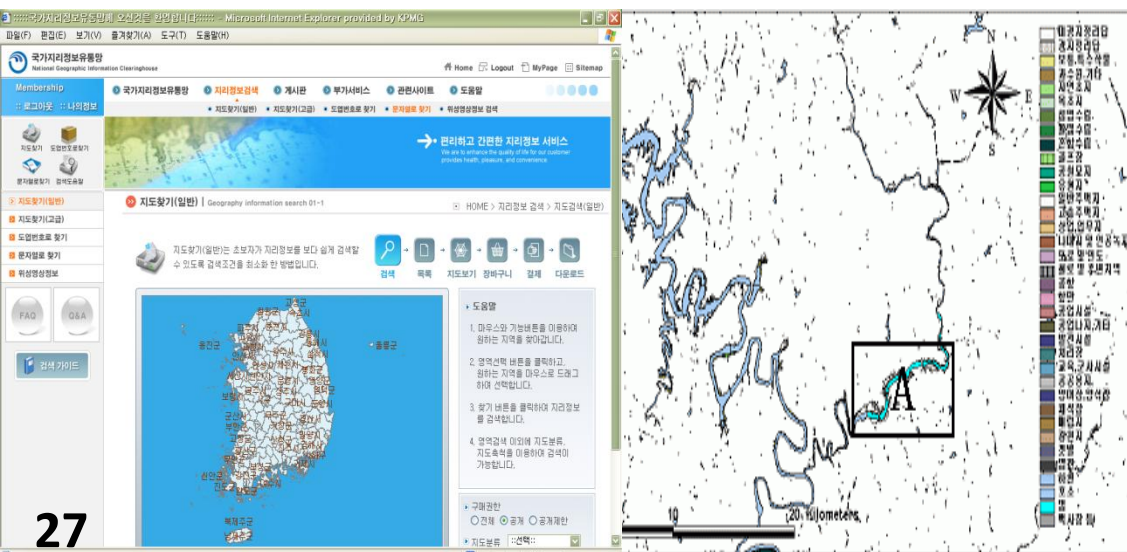
## National Infrastructure & GIS Research Division



# National Infrastructure & GIS Research Division

## Research Field

- National Road Network Planning
- Intelligent Transportation System
- Public Transit (Bus & Railway) Policy
- NGIS(National GIS) Plan
- Geographic Information Utilization & Distribution System
- Education Program for NGIS



# National Infrastructure & GIS Research Division

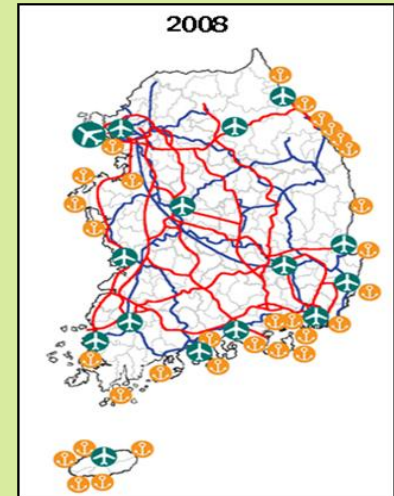
## Special Task Force Teams

### ■ Center for National Infrastructure Policy

- Comprehensive planning of national infrastructure
- Appraisal and evaluation for the infrastructure projects
- Spatial impacts analysis of infrastructure projects
- Improvement of law, system and organization related to the national infrastructure

### ■ Center for Road Policy Research

- Establishment of road policy development
- Support the establishment of road master plan of local governments
- Economic and financial appraisal for road investment
- Development of institutional and legal arrangements for advanced road policy enforcement

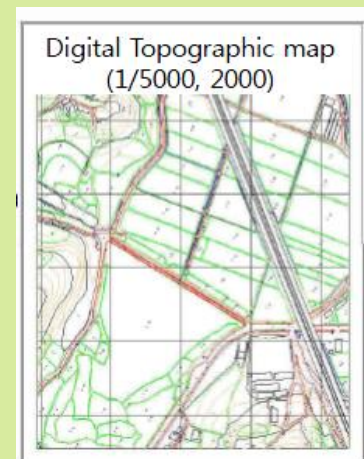


# National Infrastructure & GIS Research Division

## Special Task Force Teams

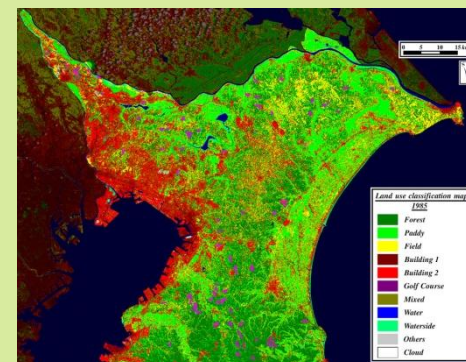
### ■ Center for Geospatial Information Research

- Establishment of NGIS policy and plan development
- Creating GIS-based ubiquitous world
- Spatial information analysis and analysis methodology
- Development of institutional and legal arrangements for advanced NGIS policy enforcement



### ■ Center for Territorial Policy Simulation

- Ex ante experiments and appraisal for the national territory related policies or plans
- Impact analyses of large scale national projects
- GIS application and its linkage to quantitative methodologies



# National Infrastructure & GIS Research Division

## Selected Researches



### ■ 2010

- A Study on Rapid Transit Oriented Spatial Structure of City Regions
- Study on the Status and Improvement Policy of Spatial Data Utilization for Planned Territorial Management

### ■ 2009

- Development of Port Business Valley toward Globally Integrated Logistics System
- The Reduction Effect of Air Pollution by Promoting Green Transport Mode

### ■ 2008

- The Policies to Promote Geo-information Capacities of Local Authorities
- Intelligent National Territory Strategies for innovation of National Information

# Planning & Management Division



# Planning & Management Division

## Main Purpose

### ■ Research Planning & Coordination

- a total of 210 research projects conducted as of 2010

### ■ Budget Planning & Management

- Government Contribution:\$17.4 million
- Internal Earnings: \$16.4 million

### ■ Human Resources Management

- 291 Research Personnel(about 90 Members are Ph.D)

### ■ Public Relations & Communication

- Publication & Information Management

# **Global Development Partnership Center**



## About GDPC

### ■ Objectives

- Fulfilling the UN MDGs and contributing to the balanced global development and sustainable globalization
- Implementing development agenda for developing countries adopted in the G20 Summit held in Seoul, 2010

### ■ Main Functions

- Research Training : 6 Week training Program for developing nations government officials
- Planning : Comparative study on infrastructure development between Thailand and Korea (2011)  
Cambodia National Cartography Map Project (2010)
- Consulting : Vietnam Hanoi Master Plan & National Land Use Plan (2010), Mongolia Land Policy with ADB (2010), Kenya Lamu Port Development F/S (2010)

## Annual Schedule (2011)

### ■ Research Training

- 03.21 - 04.30 : GDPC Research Training Program, Spring
- 05.16 - 06.03 : KOICA Urban & Regional Development Policy Course
- 06.20 - 07.31 : GDPC Research Training Program, Summer
- 08.29 - 09.09 : Vietnamese High-Official Training Program, (AMC)
- 10.24 - 10.28 : IDB Sustainable City Training Program
- 11.07 - 11.18 : ASEAN Logistics Policy Training Program

### ■ International Seminar

- 06.30 - 07.01 : WB UKP (Urbanization Knowledge Platform),  
East Asia Launching Seminar, Seoul
- 07.04 - 07.09 : MOFV-KRIHS-WB Joint Seminar on Mekong Delta  
Region Infrastructure Development, Can Tho

## Global Network ; Institutional MOUs

- IBRD, World Bank Group
- U.S. (Univ. of Washington, Univ. of Maryland at College Park)
- Japan (Univ. of Tsukuba, Univ. Hiroshima, NIRA, RIHN)
- China (Zhejiang Univ., China Land Surveying and Planning)
- Vietnam (Hanoi Architecture Univ., VIAP)
- Germany (Hafencity Univ.)
- France (International New Town Institute)
- U.K. (Bartlett, University College London)
- Kazakhstan (JSC Economic Research Institute)
- Egypt (Cairo Univ., General Organization for Physical Planning)

## Publications



Newsletter



Planning & Policy Report



# Thank You !

[www.krihs.re.kr](http://www.krihs.re.kr)

[www.gdpc.kr](http://www.gdpc.kr)

