



KISDI KOREA INFORMATION SOCIETY DEVELOPMENT INSTITUTE
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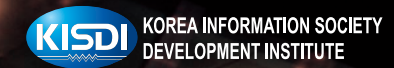
D Y N A M I C

- > Future Strategy Research
- > Telecommunications & Broadcasting Policy Research
- > Fair Competition Policy Research

U - K O R E A

- > IT Industry Research
- > International ICT Cooperation Research
- > Postal Management Research

K I S D I



KISDI KOREA INFORMATION SOCIETY
DEVELOPMENT INSTITUTE



CEO Message

Toward 'u-Korea' ... Lead Future Intelligence-based Society Develop into World-Class IT Strategy Research Institute

Korea Information Society Development Institute (KISDI) was established in 1985 affiliated to the Ministry of Information and Communication, and is currently a government-run research institute under the umbrella of the Office of the Prime Minister. Over the last 20 years, KISDI has played a major role in laying the foundations for the build-up of IT Powerhouse Korea through in-depth research to promote growth and development of information technology in general, such as national informatization policy, ICT industry policy, telecommunications & broadcasting policy, fair competition policy, ICT international cooperation policy and postal policy.

In the 21st century, KISDI is setting its sights on achieving u-Korea, an IT-based ubiquitous society. To realize this goal, we will faithfully implement various research projects covering overall IT sector, such as strengthening competitiveness of the IT industry and creating foundation for future growth and conducting policy research for the establishment of ubiquitous society, while also preparing for diverse convergence trends based on IT.

The goal of 'KISDI Vision 2015' is to promote the people's quality. It can be achieved by opportune proposal of IT policy and presentation of effectively strategy through development by intensifying research ability, utilizing research network effectively and cultivating ability for managing constant changes. 'KISDI Vision 2015' is the first step to position as the

D y n a m i c

u - K o r e a K I S D I

best research institute for IT strategy to lead the intelligence-based society in the world.

KISDI will build on its solid foundations to bring more creative future through innovation and change. We will not rest on the laurels of past success and will make our best efforts to develop into one of the world's most prestigious research institutes in IT strategies.

Thank you.

Korea Information Society Development Institute
President Hoick Suk

KISDI Vision 2015

V i s i o n

A Pathbreaker for ITopia

G o a l

'Global Top5 IT Research Institute'

'Global IT Research Hub'

M i s s i o n

Improving quality of life through effective IT policy and strategy thanks to excellence in research, effective research network and capacity to manage change

**S t r a t e g i c
I n i t i a t i v e s**

Excellent

Platform for World class IT researchers

Cooperative

Network hub for IT research

Dynamic

Flexible organization adapting to change

**A c t i o n
P l a n s**

- Create research environment to secure and maintain excellent human resources
- Strengthen expertise and capabilities of researchers
- Improve research planning function and quality of research

- Lay the foundation for global network
- Establish pool of experts at home and abroad
- Improve network usage

- Set up a creative research process
- Establish organizational management system that corresponds to new research process
- Establish an organizational culture of communication and sharing

KISDI Founding Mission

KISDI was established to collect, investigate and study various information regarding policies, institutions and industries etc in informatization and ICT areas both at home and abroad, to establish ICT policies for the realization of knowledge-based information society and to contribute to the enhancement of national economy.

KISDI History

- Feb. 4, 1985** Established the Institute for Communication Research (ICR) affiliated to the Ministry of Information and Communication (MIC)
- Nov. 28, 1987** Proclaimed the IT Development Research Institute Act (3,952)
- Jan. 30, 1988** Established the Korea Information Society Development Institute(KISDI) affiliated to the Ministry of Information and Communication (MIC)
Dr. Se-Won Kim took office as the first president of KISDI
- Feb. 26, 1991** Dr. Back-Jae Cho took office as the second president of KISDI
- June.14, 1993** Dr. Seok-Hyun Phang took office as the third president of KISDI
- Nov. 5, 1994** Completed construction work on the new complex and relocated to it
- July. 9, 1996** Dr. Chon Pyo Lee took office as the fourth president of KISDI
- Aug. 30, 1997** Changed the official name of the Institute to the "Korea Information Society Development Institute (KISDI)" (the Act No. 5,407)
- July. 9, 1998** Dr. Kim Hyo-Suk took office as the fifth president of KISDI
- Jan. 29, 1999** Changed affiliation to the National Research Council for Economics, Humanities, and Social Sciences (NRCS) under the umbrella of the Office of the Prime Minister (proclaimed by the Act No. 5,733 on the "Establishment, Operation and Development of Government-Funded Institutions")
- April. 1, 2000** Dr. Chang-Bon Yun took office as the sixth president of KISDI
- April. 1, 2003** Dr. Lee Ju-Hun took office as the seventh president of KISDI
- May. 19, 2006** Dr. Hoick Suk took office as the eighth president of KISDI

Create a New Paradigm for Korea's Future based on IT

KISDI has been conducting research to establish a national strategy in preparation for upgrade of knowledge information society and buildup of future Korea by identifying essence of changes in our society, its impact and future directions of change.

Research Interests

- Paradigm shift in IT-based Korean Society
- Strategy for innovating public informatization toward knowledge-based Society

Content of Research

- Theoretical and phenomenological research on the impact of IT on social changes in order to devise the strategy for IT-based national development
- Formulation of innovative strategy for the overall management of public information resources & research on the basis for innovation of public informatization & performance analysis by sector
- Changing information society in the Web2.0 era
- Changing cultural hegemony resulting from external network effect
- Regulatory measures for addressing the side effects such as online gambling
- Digital Rights Management (DRM) policy
- Future Prediction Methodology
- Nomad Phenomenon and Policy Measures in Digital Society

Major Research Projects

2007

- Measures for Innovating Public Informatization for Knowledge-based Society(Ⅲ)
- Paradigm Shift in IT-based Korean Society

2006

- Measures for Innovating Public Informatization toward Knowledge-based Society(Ⅱ)
- Strategy for Future IT-based National Development(Ⅲ)
- Analysis and Prospects of Changes in Family Relations and Roles Resulting from Informatization

2005

- Strategy for Future IT-based National Development(Ⅱ)
- Future Society: Scenario
- Ways to Improve Institutions to Promote the development of the Home Networking Industry

Major Researchers

- Vice President Kuk Hwan Jeong/Ph.D. in economics from University of Washington
- Executive Director of Future Vision Research Group Ju-Sung Hwang/Ph.D. in geography from Seoul National University
- Executive Director of Informatization Policy Research Group Sang-Young Sonn/Ph.D. in economics from University of Rochester
- Senior Research Fellow Chan-Mo Chung/Ph.D. in law from University of Oxford
- Senior Research Fellow Hang-Sub Choi/Ph.D. in sociology from University of Paris V
- Research Fellow Ho Yeong Lee/Ph.D. in sociology from UUniversity of Paris V
- Research Fellow Won Tae Lee/Ph.D. in politics from Sogang University



Lead the Way in Digital Convergence

Telecommunications & Broadcasting Policy Division conducts research to establish new regulatory frameworks for broadcasting & Telecommunications convergence, telecommunications and radio spectrum, and to promote competition in markets related to those areas.

Research Interests

- Policy for the convergence of telecoms and broadcasting industry and ways to develop the digital broadcasting industry
- Revitalization of telecommunications services market and establishment of regulatory frameworks for telecoms services
- Policy measures to improve spectrum management regimes for the efficient use of spectrum resources

Content of Research

- Policy for improvements of rules and regulations in the era of the converged telecoms and broadcasting services
- Policy for new media, digital broadcasting and video content
- Analysis of the current status and prospects of telecoms services market
- Improvements of mid-to long-term regulatory frameworks including classification of telecoms services and entry regulation
- Introduction and promotion of new services
- Policies relating to frequency allotment plans and the rights to use spectrum resources
- Analysis and implications of spectrum management policies in major countries
- Market structure of radio spectrum and relevant policy indicators
- Analysis of current trends (businesses regarding publications issued by KISDI such as ICT Policy Magazine etc)

Major Research Projects

2007

- Empirical analysis of fixed-to-mobile call substitution and policy implications
- Spectrum allocation policy and ways to establish usage rights

2006

- Program access in multi-channel broadcasting market
- Law and regulations in response to telecommunications & broadcasting convergence
- Radio spectrum management policy in preparation for the telecommunications & broadcasting convergence

2005

- Policy and regulatory regime in response to changes in telecoms & broadcasting environment
- Comprehensive analysis of pending issues and policy measures in convergence of telecommunications and broadcasting
- Mid- and long-term development plans for radio broadcasting

Major Researchers

- Vice President Sung-Woon Cho/Ph.D. in Telecommunications from the Ohio State University
- Executive Director of Telecommunications & Broadcasting Convergence Policy Research Group Yong-Seop Yum/Ph.D. in economics from University of Paris I
- Executive Director of Telecommunications Services Policy Research Group Tongwook Park/Ph.D. in economics from University of Minnesota
- Executive Director of Radio Spectrum Policy Research Group Gae-lyong Choi/Ph.D. in economics from University of California at Davis
- Senior Research Fellow Bumjin Jang/Ph.D. in economics from

University of Pennsylvania

- Senior Research Fellow Sang-Woo Lee/Ph.D. in media economics from Indiana University
- Research Fellow Sunghyun Na/Ph.D. in economics from University of Pennsylvania
- Research Fellow Minsoo Park/Ph.D. in economics from Boston University
- Research Fellow Joonho Hwang/Ph.D. in mass communications from University of Pennsylvania
- Research Fellow Jongkwan Lee/Ph.D. in economics from the Australian National University
- Research Fellow Jaehyun Yeo/Ph.D. in industrial Engineering from KAIST



Lay the Foundation for Fair Competition in Telecom Services Market

Fair Competition Policy Researches Division conducts research on fair competition policy to help develop telecoms competition in response to changing market environments, thereby contributing to user benefit and national economic development by ensuring healthy development.

Research Interests

- Analysis of telecom services markets & key telecom regulations
- Improvement of institutions & policy measures in response to converging telecoms market trends
- Measures for ex-post regulations on anticompetitive behaviors

Content of Research

- Evaluation of competitive market conditions in the telecoms sector & for measures for enhancing competition
- Analysis of the impact of each regulation promoting competition and preconditions for the introduction of regulation
- Studies on prohibited types of behaviors under telecoms regulations
- Mid- to long-term policy measures for telecom services in the era of digital convergence
- Network neutrality in preparation for convergence between broadcasting and telecommunications
- Ex-post regulatory system in telecoms market in new telecoms environment
- Creation of foundation for ICT user protection
- Interconnection in an all-IP environment
- Improvement plans for interconnection, facilities sharing and universal service
- Changing Telecom tariff and tariff system
- Accounting in telecoms business in response to changing telecoms market environment
- Improvement and operation of Long Run Incremental Cost (LRIC) Model
- Verification and estimation of call volume

Major Research Projects

- 2007**
- Dominance evaluation methods in telecoms market through case analysis of major countries
 - Net neutrality in preparation for telecom-broadcasting convergence
 - Ex-post regulatory measures for telecom services
- 2006**
- Analysis of effect of service-based competition policy in major telecoms market
 - Measures for improving bundling regime in telecom services
 - Improving universal services and Improving institutions in policy
- 2005**
- Study on price discrimination in telecom markets
 - Mid- and long-term policy measures of telecom services
 - Development of standard model to determine the compensation for providing universal service

Major Researchers

- Vice President Hyeong-Chan Kim/Ph.D. in economics from Cornell University
- Executive Director of Competition Policy Research Group Hee-Su Kim /Ph.D. in economics from University of California at Los Angeles
- Executive Director of Tariff Accounting Research Group Chang Yong Ham/Ph.D. in business administration from University of California at Berkeley
- Senior Research Fellow Ki-in Ju/Ph.D. in sociology from University of Minnesota at Twin Cities
- Senior Research Fellow Jong Hwa Lee/Ph.D. in economics from University of California, Los Angeles

- Senior Research Fellow Jeong Wook Byun/Ph.D. in economics from University of Pennsylvania
- Senior Research Fellow Minchul Kim/Ph.D. in economics from Yale University
- Senior Research Fellow Jeonghyun Kim/Ph.D. in economics from Brown University
- Research Fellow Jae-Young Lee/Ph.D. in economics from University of Texas at Austin
- Research Fellow Sung-Hwan Kim/Ph.D. in economics from Johns Hopkins University
- Research Fellow Soo-Hyun Yeom/Ph.D. in economics from Illinois State University



Establish development strategy for the IT industry

IT Industry Research Division conducts in-depth analysis of changing environment in the IT industry through analysis of trends in each sector of the industry and forecast of market and technology development, and based on that, carries out research to formulate IT development strategies and policies.

Research Interests

- Policy for promoting the IT industry
- Trend analysis and market outlook for the IT industry
- Analysis of the IT industry and characteristics of the digital economy

Content of Research

- A Strategic Plan for IT Industry
- An Analysis of Changes in IT Investment
- The Effect of Public R&D Subsidy on Private R&D
- Innovation Activity and Employment in Korean IT Firms
- A Study on Increasing Competitiveness of SMEs in IT industry
- Forecasting Demand and Supply of IT Professionals in Strategic Fields
- A International Comparison of IT Industry Competitiveness
- A Study on Dynamization Strategy of New Industries in the Environment of Digital Convergence
- Structural Change in Digital Economy and Responding Strategy
- The Study on Polarization in the IT industry and Its Policy Implications
- Analysis of IT Parts/Component Market and Policy Implications
- Trends of IT Industry
- IT Industry Outlook of Korea(in English)
- Mid-term Market Forecast of IT Industry

Major Research Projects

- 2007**
- Study on the Determinants of Co-operative R&D in Korean IT Firms
 - A Strategic Plan for Information & Communications Industry
 - A Survey on the Demand of IT workforce
- 2006**
- The Pricing Policy for Wireless Multimedia Internet Services
 - A Study on Basic Law for IT Industry
 - IT market forecast 2007
- 2005**
- Structural Change in Digital Economy and Responding Strategy (II)
 - Mid-term Market Forecast of IT Industry (2004~2009)
 - Industry Dynamics and Productivity Growth : Empirical Evidence from Korean ICT Manufacturing

Major Researchers

- Vice President Sangwon Ko/Ph.D. in economics from Cornell University
- Executive Director of IT Industry Analysis Research Group Sung-Bae Mun/Ph.D. in economics from New York University
- Executive Director of IT Industry Policy Research Group Jeong-Eon Kim/Ph.D. in economics from Iowa State University
- Executive Director of IT Management Research Group Seok Hwon Yoon/Ph.D. in business administration from University of Wisconsin-Madison
- Senior Research Fellow Hong-Yol Kang/Ph.D. in economics from

Columbia University

- Senior Research Fellow Changwan Kim/Ph.D. in economics from University of California at Los Angeles
- Research Fellow Joon Lim/Ph.D. in economics from Michigan State University
- Research Fellow Jinhan Jung/Ph.D. in economics from Duke University
- Research Fellow WonJoong Kim/Ph.D. in economics from Georgia University
- Research Fellow Yuri Park/Ph. D. in economics from Seoul National University



Enhance national competitiveness through international cooperation in the IT field

International ICT Cooperation Research Division studies ICT policy of international organizations including APEC, WTO, OECD and ITU and the strategy for international negotiations; conducts international cooperation projects which include the establishment of advanced telecommunications networks such as APII and TEIN etc; fosters overseas human resources in the ICT sector ; and lay a solid foundation for Korea's ICT industry to advance into overseas markets. In addition, the research is carried out on exchanges and cooperation in the ICT sector between the two Koreas, trade negotiations and strategies.

Research Interests

- Serving national interest & establishing the country's position as an IT powerhouse through bilateral and multilateral cooperation in the field of IT
- International cooperation activities and policy consultation for laying the foundation for building international information and telecommunications network through APII/TEIN
- Strengthening bargaining power in international IT-related negotiations
- Research on how to induce widespread adoption of the Korean-style IT policy, and international cooperation
- Supporting the establishment of basic and mid-and long-term plans for intern-Korean cooperation and conducting policy consultation on current issues in the field of IT

Content of Research

- Drawing up counter-measures by examining the telecoms policies of international organizations such as the APEC TEL, ITU, APT, ASEM, ASEAN and the OECD, and major countries through the IT ministerial meetings held among ministers of Korea, China and Japan.
- Analysing major topics in negotiations(WTO DDA and FTA) in the telecom sector and drawing up strategy and utilizing it
- Carrying out consultation projects that support the establishment and implementation of IT policies in developing countries
- Policy support and research in the IT field to help boost economic exchange and cooperation between the two Koreas and to encourage mutual development

Major Research Projects

2007

- Establishment of advanced networks and international cooperation
- Special projects for bridging the digital divide in East Asia
- Measures for promoting inter-Korean exchanges and cooperation in the ICT sector

2006

- A Comparison of mechanism reflecting the interests of the IT industry in the process of determining pending trade issues
- Establishment of advanced networks and international cooperation
- Strengthening bargaining power in international IT-related negotiations

2005

- Analysis of agenda items in the ICT sector in APEC and countermeasures
- Projects in support of enactment of ICT laws in Vietnam
- Projects in support of the establishment of ICT development master plans in Myanmar

Major Researchers

- Vice President, Executive Director of North Korea IT Study Center Chulwan Kim /Ph.D. in business administration from University of Pennsylvania
- Executive Director of IT Global Cooperation Research Group In Soo Kang/Ph.D. in economics from SUNY at Albany
- Executive Director of APII Cooperation Center Inuk Chung/Ph.D. in economics from Vanderbilt University
- Executive Director of IT Trade Strategy Center Sangyeol Nam/Ph.D. in economics from University of Pennsylvania
- Research Fellow Hayun Kang/Ph.D. in politics from Northwestern University



Lead the development of national postal business

The Postal Management Research Center supports policy development in the postal sector and the establishment of business strategies through ceaseless research on postal business run by the government.

Research Interests

- Development of postal policy and the establishment of business strategies
- Postal regulatory regimes and international cooperation in postal business
- Development strategy for postal financial services

Content of Research

- Mid-and long-term development strategy for postal business
- Analysis of scenarios of postal regime shift and research on countermeasures
- Portfolio strategy for postal business
- Mid-and long-term management strategy for postal business
- Future strategy for mail service, postal savings and postal insurance
- Strategies for increasing synergy effects among businesses
- Strategies for each postal business function
- Strategies for each business in response to FTA and WTO negotiations
- Analysis of trends in postal policies at home and abroad and research on strategies in response to them
- Measures for the establishment of rational postal regulatory system
- Measures for the promotion of fair competition in postal finance
- Improvement of regulatory regime in postal finance

Major Research Projects

2007

- Prospects of mail in response to the development of alternative means
- Preparation for postal market liberalization as a result of KOR-US FTA
- Measures for enhancing financial soundness of postal savings business

2006

- Measures for the establishment of rational postal regulatory system
- Mid-term management strategy for postal business
- Measures for the formulation of postal policies through international organizations such as WTO/UPU

2005

- Diagnosis of performance management of field offices
- Measures for the establishment of optimal postal business structures by management system
- Measures for the enhancing competitiveness of postal finances

Major Researchers

- Executive Director Jinha Jeong/Ph.D. in economics from Cornell University
- Research Fellow Jaeseog Park/Ph.D. in business administration from Kyunghee University
- Research Fellow Jungkwon Park/M.A. in business administration from Yonsei University
- Research Fellow Joongbeom Choi/Ph.D. in international economics from Sungkyunkwan University
- Research Fellow Yongsoo Lee/M.A. in economics from Kookmin University
- Research Fellow Sukbum Lee/M.A. in business administration from Korea University
- Research Fellow Eunjin Kim/Ph.d.in management engineering from KAIST



Planning and Coordination Office

Lead the Intelligence-based society of the 21st century

The Planning and Coordination Office engages in planning, coordination and management of research projects as well as in international cooperation activities to develop KISDI into one of the world's leading policy research institutes. It consists of Planning and Budget Team responsible for planning and coordinating research projects and fostering collaborations with related organizations, Research Innovation Strategy Team in charge of supporting systematic management of research projects and evaluating job performance, Management Innovation Strategy Team responsible for activities relating to innovation in general and Policy Public Relations Team in charge of public relations effort targeting media and on the Web, planning and running KISDI Web site.

The Department of Innovation Support

Induce development through change

The Department of Innovation Support strives to create the best research results through accumulating expertise and strengthening innovation capabilities in administrative work. Currently it consists of General Affairs Team in charge of institutions, personal affairs, payroll, labor-management relations and purchase agreement, Financial Innovation Team responsible for accounting work, cost accounting and tax affair work and Information Innovation Team in charge of information planning formulating informatization strategies and guidelines for information protection for the purpose of upgrading information within the institute.

Organization

President

Department of Audit Review

Planning and Coordination Division	Planning and Budget Team
	Research Innovation Strategy Team
	Management Innovation Strategy Team
	Policy Public Relations Team
Future Strategy Research Division	Future Vision Research Group
	Informatization Policy Research Group
Telecommunications & Broadcasting Policy Division	Telecommunications & Broadcasting Convergence Policy Research Group
	Telecommunications Services Policy Research Group
	Radio Spectrum Policy Research Group
Fair Competition Policy Division	Competition Policy Research Group
	Tariff Accounting Research Group
IT Industry Research Division	IT Industry Analysis Research Group
	Industry Policy Research Group
	IT Management Research Group
International ICT Cooperation Research Division	IT Global Cooperation Research Group
	API Cooperation Center
	North Korea IT Study Center
	IT Trade Strategy Center
Postal Management Research Center	
The Department of Innovation Support	General Affairs Team
	Financial Innovation Team
	Information Innovation Team

