# Vision

To become a leading strategic research institute for the global information society of the 21st century

# Goals

- 1. To serve an advisory role on national agenda for the construction of an advanced information society
- Conducting advanced research on all IT policy issues
- Strengthening an advisory role in supporting the national initiatives
- 2. To provide recommendations on the blueprints for 'u-Korea'
- Focusing research on the national vision and strategy for opening a new digital world
- Providing the blueprints for 'u-Korea' to enhance the national competitiveness and improve the quality of life
- 3. To contribute to the development of IT policies for Korea and a coordinating role in the policy making process
- Formulating the overall IT policy strategy through cooperation with policy implementation agencies
- Strengthening the support for all stages of IT policy making process from planning to implementation to evaluation
- 4. To become an international organization of global leadership
- Promoting international cooperation to bridge the digital divide between
- Supporting the entry of IT companies overseas and strengthening IT cooperation between the North and South in preparation for reunification

# **History**

# 1985, 02, 04

Established the Institute for Communications Research (ICR)

# 1987, 11, 28

Korea Information Society Development Institute Act (No. 3592)

# 1988.01.30

Established the Korea Information Society Development Institute (KISDI) as a government sponsored research institute affiliated with the former Ministry of Communications; succeeding ICR

Relocated to the new KISDI research complex

# 1996, 10, 11

Launched the APII Cooperation Center (APII-CC)

# 1999, 01, 29

Changed affiliation to the Office of the Prime Minister under the Korea Council of Economic and Social Research Institutes (Act No.5733)

Established Development Gateway Foundation-Korea Training Center (DGF-KTC)

Renamed the official English name as 'Korea Information Strategy Development Institute

# Research Fellows

# Office of President

John H. Lee, Ph.D.(Illinois Institute of Technology) **President** 

**Vice President** Inuk Chung, Ph.D.(Vanderbilt Univ.)

### **Planning & Coordination Office**

Innchan Lee, Ph.D.(Univ. of Pennsylvania) Executive Director

# **IT Industry Division**

<u>Director</u> Research Fellows Sangwon Ko, Ph.D.(Cornell Univ.) Sung-Bae Mun, Ph.D.(New York Univ.) Heechul Min, Ph.D.(Columbia Univ.) Jeong-Eon Kim, Ph.D.(Iowa State Univ.) Jae-Young Lee, Ph.D.(Univ. of Texas, Austin)

## **Digital Future Research Division**

Director

Joo-Seong Hwang, Ph.D.(Seoul National Univ.) Hong-Yol Kang, Ph.D.(Columbia Univ.) Senior Research Fellow Research Fellows

Sang-Young Sonn, Ph.D.(Univ. of Rochester Hang-Sub Choi, Ph.D.(Université Paris 5. René Decartes Sorbonne)

Ho Yeong Lee, Ph. D.(Univ. de Paris V) Sam Youl Lee, Ph.D. (Carnegie Mellon Univ.)

## Telecommunications & Broadcasting Division

Director Research Fellows Sung-Woon Cho, Ph.D.(Ohio State Univ.)

Yong-Seop Yum, Ph.D.(Université Paris 1. Panthé Gae-Iyong Choi, Ph.D.( Univ. of California, Davis) Tongwook Park, Ph.D.(Univ. of Minnesota) Changwan Kim. Ph.D.(Univ. of California, Los Angeles) Bumjin Jang, Ph.D.(Univ. of Pennsylvania) Weonseek Kim, Ph.D.(Univ. of California, Berkeley)

Sang-Woo Lee, Ph.D.(Indiana Univ.) Jae-Won Kang, Ph.D. (Univ. of Florida)

## **Fair Competition Policy Division**

Director

Hyeong-Chan Kim, Ph.D.(Cornell Univ.)

Senior Research Fellows Sung Baik Oh, Ph.D.(Univ. of Wisconsin-Madison Chang Yong Ham, Ph.D.(Univ. of California, Berkeley)

Research Fellows

Hee-Su Kim, Ph.D.(Univ. of California, Los Angeles) Jonghwa Lee, Ph.D.(Univ. of California, Los Angeles) Sangkyu Rhee, Ph.D.(Univ. of Rochester) Jeong Wook Byun, Ph.D.(Univ. of Pennsylvania)

Minchul Kim, Ph.D.(Yale Univ.) Jeonghyun Kim, Ph.D.(Brown Univ.)

# International IT Cooperation Division

Director Senior Research Fellow Research Fellows

In Soo Kang, Ph.D.(State Univ. of New York, Albany Bo-Hyun Seo. Ph.D.(Korea Univ.)

Chulwan Kim, Ph.D. (Univ. of Pennsylvania Hayoun Kang, Ph.D.(Northwestern Univ.)

# **Innovation Strategy Research Division**

Director Research Fellows Seok Hwon Yoon, Ph.D.(Univ. of Wisconsin-Madison)

Jeongbeom Lee, Ph.D(Univ. of Iowa) Yongcheol Kim, Ph.D.(Seoul National Univ

Minjeong Chu, Ph.D. (Seoul National Univ.) Jaeseok Park, Ph.D.(Kyung Hee Univ.) Joongbeom Choi, Ph.D.(Sungkyunkwan Univ. Yongsoo Lee, M.A(Kookmin Univ.)

Sukbum Lee, M.A(Korea Univ.)

# KOREA INFORMATION STRATEGY

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# INFORMATION



20th STRATEGY

# DEVELOPMENT

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# **Message from the President**

For the successful implementation of the national agenda for information technology, 'Best IT Nation,' KISDI has been involved in extensive theoretical and practical research and analyses of various national issues, policy recommendations as well as international cooperation. In addition, as one of the foremost government sponsored research institutes, KISDI plays a critical advisory role for all IT policy issues in Korea.



Since its establishment in February 1985, KISDI has played a pivotal part in strengthening Korea's position as an IT powerhouse through policy research in informatization, IT industry, telecommunications & broadcasting, fair competition, postal services and international cooperation.

KISDI aims to become the leading IT think-tank for the digital world in the 21st century. For that, KISDI will make every effort to pave the way for Korea to become the 'Best IT Nation' in order to bring a more enjoyable and secure life through IT.

With the world changing at an accelerated pace, we are living a global era that is racing at the speed of light, transcending time and moving beyond physical borders of East and West. The changes we are experiencing are the result of the rapid growth of the IT industry where technological advances have led to the increase in productivity and competitiveness of our nation as well as forming the building blocks towards a true welfare state.

KISDI is also involved in bridging the digital divide between nations, supporting the entry of IT companies overseas and strengthening cooperative relationships between countries. Furthermore, KISDI strives to strengthen IT between South and North Korea in preparation for reunification and contribute to future studies for a better and safer digital world.

We are committed to fully investing our efforts to ensure the strong growth and development of information technologies in Korea, helping government, industry, academia and private sector to better prepare for the future and eventually contributing to the realization of the information society.

As we enter the new digital era, we ask for your continuing support and guidance to firmly establish KISDI as the leading IT research center in Korea and in the world.

John H. Lee, Ph.D. President

# **IT Industry Policy**

- Mid to long-term vision for the development of IT industry
- Competitiveness of IT industry and IT companies
- New IT strategy for the 21st century

# **Major Research Areas**

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# **Telecommunications & Broadcasting Policy**

- Informatization strategy
- Socio-cultural changes in Korea with the advent of the information society
- IT infrastructure policy from the economic and social perspectives
- Future policy for national development

# **Future Information Society Policy**

- Informatization strategy
- Socio-cultural changes in Korea with the advent of the information society
- IT infrastructure policy from the economic and social perspectives
- Future policy for national development

# **Future Information Society Policy**

- Market forecasts for telecommunications and broadcasting services
- Regulatory implications on the changes in technology and market environments
- Market analysis and promotion policies for emerging telecommunications services
- Radiospectrum policies for enhancing efficiency on the use of spectrum
- Policy framework for convergence and promotion policies on the digital broadcasting industry

# **Fair Competition Policy**

- Market competitiveness analysis for effective policy regulations
- Improvement of the regulatory framework in the telecom services market
- Future directions for the development of fair competition policy responding to changes in the telecom market environment



# **IT International Cooperation**

- Analysis on major IT issues in international organizations and policy recommendations
- Policy cooperation for TEIN and APII
- $\bullet$  IT trade negotiations and strategy for the entry of IT companies overseas
- Policy for promoting inter-Korean IT cooperation
- Policy advice and human resource development to close the digital divide for developing countries

# **DGF-KTC IT HRD Program**

# **DGF-KTC In-Class Program**

DGF-KTC offers In-Class Training Program related to the field of ICT policy and technology. The program provides a series of short-term, off-line[7-11 days] courses for 10~15 selected participants. The subject and content of the courses are developed based on the demand survey to reflect the requirements and needs of ICT personnel in the developing countries and lectures are mostly provided by experts and professionals from major IT service providers, manufacturers, and R&D institutions. Each course consists of lectures on theory, group discussion, study visits, seminar and cultural activities.

For the last 2 years, DGF-KTC has carried out 18 courses regarding ICT policy and technology and trained 241 participants from 60 different countries in total.

The 2004-2005 In-Class Training Program scheduled from October 2004 to August 2005, will offer 10 courses regarding ICT policy & regulation, information technology and the Internet.

For more information on the program, please visit DGF-KTC website at  $\frac{1}{2}$  http://www.dgfktc.org.

# **DGF-KTC Distance Learning Program**

DGF-KTC also offers Distance Learning Program in order to provide more training opportunities to ICT personnel in developing countries. Since DGF-KTC launched the 1st pilot service of its online course in November 2003, 278 professionals from 56 countries have participated in two courses throughout two years. During the 2004~2005 program, the quality of the two existing online courses improved and two more courses.

Those who have successfully completed online courses are given priority as potential invitees for the related In-Class Training courses. Also, the selected participants in the In-Class Training courses, who have not yet taken related online courses, are strongly encouraged to complete it prior to their training in Korea, to enhance their learning experiences.

For more information on the program, please visit DGF-KTC website.

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# In-Class Training Program

Distance Learning Program

# IT HRD Program

# : The Fellowship Program for Next Generation Telecom Leaders

The Fellowship Program for Telecom Leaders is launched to bridge the digital divide by sharing knowledge and experience of the ICT development of Korea and supporting the development of the ICT sector of developing countries. This Program consists of a 2-year master's degree program plus a half-year language program. The first group of six Chinese students joined the Program in 2000 and obtained their master's degrees in IT technology from major Korean universities in 2002. In December 2001, the second group of seven Chinese students and three Mongolian students joined the program and obtained their master's degrees in IT technology and management from major Korean universities in 2004. The third group of one Chinese student, two Vietnamese students and one Myanmar student joined the program and are currently enrolled in major Korean universities. In 2005, the third group will obtain their master's degrees.