ICT Workforce Development Policy in Korea

2015. 6. 15

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The Core Progress Direction for ICT HRD





The Role of ICT in Korean Economy

Korean economy has now entered the low-growth stage in earnest, due to potential growth rate decline



It is urgent to secure sustainable economic growth potential for a Quantum Jump of the national economy

2. ICT's Roles in Korean economy

Led to overcome every financial crisis, based on high growth contribution of ICT industry, ICT exports, etc



Contributed higher Value-added economy and productivity improvement, through expanding ICT convergence to the all of industry



ICT's competitiveness is directly connected to Korea's competitiveness

Places 4th in ICT exports and 2nd in ICT trade surplus in the world

- * ICT exports ranking : 9th(1998) → 6th(2003) → 5th (2009 ~2012) → 4th(2013~)
- * Top ICT exporters (2013) : China (1st), U.S. A. (2nd), Germany (3rd), Korea(4th)
- * Amount of ICT exports (2014) : US\$173.9B

Reaches the world's top of three major ICT products in a short period



3. Korea's ICT in the World (2)





4. Present Status of Korea's ICT and Responses





K-ICT Strategy

1. K-ICT Strategy (1)





ICT Goal (2020)

Growth 8%, Production \$ 220 B & Export \$ 210 B

through innovative new industries and stronger major industries

* Value added criteria



1. K-ICT Strategy (2)

창고경제 실현을 위한 K-ICT 전략





The Core Progress Direction for ICT HRD

Development of Korea's ICT HRD Policy
1997 ~ 2000
Adopt ICT as an national growth core industry. Establish Ministry of ICT(1994)
 Expanding infrastructure for ICT education in Univ. (facilities, professor) Enforce computer training program for students, incumbents and women
2001 ~ 2009
Make strategic insustry development plan including WiBro, BcN, IT SoC, etc.
 Establish World Class ICT specialized University(KAIST-IT Convergence Campus) Expansion quota of ICT students and departments at Universities
2010 ~
SW & ICT convergence are emerging as a center of ICT industry competitiveness

- Focuse on creative talents in SW and ICT convergence
- Improve university education in accordance with industry requirements



• Overcoming the imbalance in the quantity and quality

- HR Suppy expansion in graduate, SW, ICT convergenc
- Improving ICT education in Univ. and making verification system of practice performance







3. Current State of HRD Policy



HRD Program for Foreigner

International student Expansion program

- Recruit International Student in graduate school
- Participate R&D project of SME in vacation
- Support living expenses and scholarship



EAST EUROPE & CIS Uzbekistan, Kyrgyzstan, Kazakfustan, Poland, Romarnia, Azarbaijan MIDDLF.FAST Labonon, Yermen, Oman, Jordan Iroq, Iron, Ozbar, Afghanistan Magria, Morocoz, Egypt, Ehriopia

Global ICT Policy and Technology Program

Graduate level for officials from developing countries International ICT Policy program(Seoul National Univ.) International ICT Technology Program(KAIST) Support living expenses and scholarship





차고꺼게 실행을 위한



Globalization

IITP are ready to collaborate together with the Asian-Pacific countries, for our experiences of the TOPCIT innovation system and related standards

We already have a partnership with TPQI for progress of TOPCIT and hope that TOPCIT is to contribute to fostering the excellent ICT engineers in Thailand

First Step TPQI (Thailand)





Video clip

Thank you



Institute for Information & communications Technology Promotion