

Korea-EU S&T Cooperation:

Current status and Future prospects

<Focusing on Korean researchers' participation in the FP>

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Inactive Cooperation between Korea and EU in the past years

Nov. 1992, Concluded Korea-EU S&T Cooperation Agreement

1992-2002, Held 5 Korea-EU joint seminars on S&T

Since 1993, Dispatch staffs of MOST to the EU Commission or Joint Research Centres (JRCs)

Having been suspended since the dispatch of Yul-rae Cho (March 2003-June 2005)

1997-2003, Participated in the EU Science Contest for Youth

Recently active exchanges of high-level officials' visits

Korean high level officials' visits to Brussels (EU)

- Ho -Goon Park, Minister of the MOST (May 2003)
- Sang -Kyu Lim, Head (Vice Minister) of the Office of Science and Technology Innovation (Sep 2005)
- Young -Il Park, Vice Minister of the MOST (May 2006)
- Woo -Sik Kim, Deputy Prime Minister and Minister of the MOST (Nov 2006)

EU high-level officials' visit to Korea

- Fact-finding mission (Dec 2003), Research Directorate General (Feb 2004), Research Commissioner (April 2004), Research Directorate General (April 2006)

Much progress in Korea-EU S&T Cooperation in 2006 (1/2)

Conclusion of Agreements on cooperations

- Korea-EU: Agreement on GALILEO Project (Sep 9), Agreement on ITER Project (Nov 21), Cooperation Agreements on S&T and Fusion Energy Research (Nov 21)
- Miscellany: Cooperation Agreement between Korea and CERN, Protocol on Cooperation between Korea and Romania in the Field of Scientific, Technological Development & Innovation

Joint holding of held large-scale events for promoting S&T cooperation

- Korean and French Science Weeks (Jun in Korea and Nov in France) for celebrating 120th anniversary of diplomatic ties
- Opening ceremony of the German government's Research Marketing Korea Campaign (Large number of delegates including the Minister of BMBF A. Schavan, Congressmen, etc. visited Korea)

Much progress in Korea-EU S&T Cooperation in 2006 (2/2)

Deputy Prime Minister and Minister of MOST's visit to EU member countries

- Germany, Sweden, Romania, Finland, France, EU Commission

Held Science and Technology Joint Committee Meetings with Germany, UK, Italy and Switzerland

Held Science and Technology Ministerial Meetings with Germany, Sweden, Romania and Finland

S&T Cooperation between Korea and EU to further expand from 2007

Launching new projects for building cooperation foundation with Sweden, Finland, Netherlands, Greece and Eastern Europe countries
Existing projects for building cooperation foundation: UK, France, Germany, Italy, EU and Israel

Starting new collaborative research projects: Czech, CERN, Italy, EU

Holding S&T Joint Committee Meetings with Czech, France, Hungary, Finland, Germany, Romania and Poland
To hold Forums, seminars or workshops in connection with the Joint Committee Meetings

Drastic increase of the Korea - UK Joint Scholarship Scheme

- 1 Billion KRW in 2006 1.9 Billion KRW in 2007

Korea's participation in the FP not sufficient up to now

Participated in the FP5 (1998 -2002) : 7 projects

Participated in the FP6 (2002 -2006) : 7 projects

Recently 3 more projects selected by EU Commission

《 Reasons for low participation 》

Absence of basic agreements for S&T cooperation between Korea and EU

Lack of human networks between Korean and European researchers

Lack of information about FP

Insufficient funding to support the projects even though they are selected

Efforts for enhancing Korean researchers' participation in the FP since 2004 (1/2)

Agreement on Korea-EU S&T Cooperation (Signed on Nov. 22, 2006)

Construction of a website (<http://www.fekost.org>) for Korea-EU S&T Collaboration (2005)

Held three times Korea-EU S&T Forum (Jun 1 2005, Seoul / Mar 8 2006, Seoul / May 23 2006, Brussels)

- Introduction of EU R&D policy and FP, Training on application for FP

Held twice Explanatory Meetings on FP (Sep 8 2005, Seoul / Sep 9 2005 Dae-jeon)

Efforts for enhancing Korean researchers' participation in the FP since 2004 (2/2)

Policy research on enhancing participation in the FP (Apr 2005 - May 2006, Kye-Jun Lee, Seoul National University)

Joint participation in the FP have been discussed at various meetings between Korea and the EU: Ministerial/Vice Ministerial Meetings, Joint Committee Meetings, Forums, Seminars, Workshops, Symposiums, etc.

Designated the FP7 National Coordinator and National Contact Point (Dec 2006)

Plans for continuous efforts on promoting Korean researchers' participation in the FP (1/2)

Early effectuation of Korea-EU S&T Cooperation Agreement signed in Nov 2006

- Administrative process for the effectuation has been completed in Korea whereas EU will take about a year for the completion of the process

Continuous discussion on joint participation in FP at high level meetings and committee meetings with EU member countries and the European Commission

Rapid provision of news and information on FP through the official website for Korea-EU S&T Collaboration constructed in 2005

- Current activities of FP, collaborative activities and partnership information, S&T information in EU member countries, events and meetings relevant to FP, EU's publications, etc.

Plans for continuous efforts on promoting Korean researchers' participation in the FP (2/2)

Strengthen human networks by actively supporting joint workshops/ seminars/forums, exchange programs with EU member countries

- EU, UK, Germany, France, Italy, Sweden, Finland, Czech, Poland, Hungary, Romania, Greece, Switzerland and Israel

Launch a new program for funding research projects selected as FP projects without any other financial resource

- There has been no separate program for supporting Korean researchers to participate in the FP; only small amount of funding through the existing national R&D programs

Deliberation on year-round submission, assessment

and support, considering occasional selections of FP projects by EU

China's funding policy has been very successful by automatically providing research fees to those participating in the FP consortium: 80 projects in FP6 until 2004

Recent developments in Korea's S&T international cooperation policy (1/2)

International cooperative activities in field of S&T has been increasing as 2nd Deputy Prime Minister and Minister of the MOST's (inaugurated in Feb 2006) stresses the globalization of S&T as one of the three basic policy directions

Other 2 basic policy directions: Popularization of S&T,
S&T specialization .efficiency

Survey and analysis on the level of internationalization of the national R&D programs for the first time in 2006

- Total projects in 2005: 20,425 (7,790.4 Billion KRW),
- Among them International collaborative projects: 384 (254.3 b KRW)

Just 1.26% and 3.26%, respectively

Recent developments in Korea's S&T international cooperation policy (2/2)

Launched GRL Program and GPP Program

- Long - term support for large - scale international collaborative research projects
(3 billion KRW for GRL and 3.6 billion KRW for GPP in 2006
7 billion and 4.1 billion KRW in 2007)
- Instead, gradually reduces small international collaborative research projects

Many collaborative research projects between Korea and US have been selected in 2006. Welcome Korea - EU collaborative research projects.

2nd S&T Globalization Strategy is being established

- To be completed by the first half of the year 2007

Collaboration between Korea and EU in GRID area (1/2)

KISTI has been participating in the EGEE (Enabling Grids for E - Science in Europe) since 2004

KISTI has participated in the construction of CERN's WLCG (World LHC Computing Grid)

- Establishing ALICE and CMS Tier 2 Centers through collaboration with CNRS IN2P3 in France which will enable e-Science in the field of particle physics

To support Korean researchers when participating jointly with European researchers in the FP

Collaboration between Korea and EU in GRID area (2/2)

Joint application for GRL/GPP programs of Korea to establish joint research labs for Grid and e-Science

Finding projects to apply for international collaborative research programs (FP, GRL/GPP, etc); and
Building human networks and information networks,
through S&T cooperation promotion programs funded by the governments of Korea and EU countries

Thank you
for your attention