Science Diplomacy in Korea: Case Studies and Future Policy Direction

May 5th, 2016
Youngah Park
Contents

1. Science Diplomacy at KISTEP
   International Collaboration & Global Outreach

2. Session Overview
   Science Diplomacy: Case Studies and Future Policy Direction
KISTEP is a government-affiliated institute under the Ministry of Science, ICT and Future Planning (MSIP) specializing in S&T planning, coordination and R&D evaluation.
KISTEP provides the future vision, strategies and guidelines for the entire national R&D system.
Science Diplomacy at KISTEP
Global Partners - 17 countries, 26 organizations

Germany
ADeKo

Russia
HSE

China
CAS/IPM CASTED

Kuwait
KISR

Qatar
QNRF

Kazakhstan
NATD, NCSTE

Japan
NISTEP JST-CRDS

USA
AAAS
Georgia Tech
KABIC
KEI

Saudi Arabia
KACST

India
ZSF

Taiwan
YuanZe Univ.
STPI

Brazil
CGEE

Uganda
UNCST

ASEAN
Vietnam VISTEC
NISTPASS
Indonesia RISTEK

Malaysia
ISTIC, MIGHT

Chile
CNID
In partnership with ISTIC (under the auspices of UNESCO)

To enhance the capabilities of high level policy makers from developing countries by sharing the experience of Korea

Topics from Korea’s nationwide S&T policies to techniques for P.I.E. (Planning, Investment, Evaluation)

Lectures, discussion, interactive workshops, and study visit

2009 - 2015
- 160 participants
- 56 countries
Science Diplomacy at KISTEP
Establishing a platform for networking & collaboration

- August 25th – 26th, 2015 in Seoul, Korea
- 21 countries, 65 institutes, over 90 participants

1st Asian Innovation Forum

Asian STI Think Tanks Network (ASTN)
- Founding members from 15 institutes in 11 countries
- To promote innovation and share country-specific knowledge and experience
The 2^nd Asian Innovation Forum
- August 30 – 31 in Seoul, Korea
- Sharing best practices and seeking innovation strategies for Asia

The 2^nd Global Forum of National Advisory Councils
- September 1 – 2 in Seoul, Korea
- Discussion on roles and responsibilities of the councils, strategies to influence government STI policy
Session Overview

Science Diplomacy in Korea: Case Studies and Future Policy Direction
How science works across borders

- **1972**: MoU signed by Cuban Academy of Sciences and Smithsonian Institution.
- **1980**: Kimchaek University (North Korea) – Syracuse University Research collaboration
- **2001**: "A New Beginning" Cairo Speech Engaging Muslim world through science
- **2009**:
Korea: The only country divided in the world

- Continuing tension in Korean peninsula
  - North Korea’s missile launch and nuclear test
  - Closure of Kaesong industrial complex
  - North Korean defections

- Over six decades of total separation
  - Widening gap between two Koreas in social, economic and technological aspects
Addressing urgent issues in North Korea such as deforestation, food/energy shortage

Promoting joint objectives in understanding critical scientific challenges

Assisting North Korea to move into the global science community

Opening up the channels of communication and building mutual trust
## Science Diplomacy 2016

### Science Diplomacy in Korea: Case Studies and Future Policy Direction

- Potentials to engage North Korea with science diplomacy for more hopeful and secure future
- Drawing parallels between German and Korean cases

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45 – 11:00</td>
<td><strong>PUST: A Typical Example of Science Diplomacy</strong>&lt;br&gt;Chan-Mo Park, Pyongyang University of Science and Technology</td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td><strong>The Transition of East Germany’s Innovation System after German Unification</strong>&lt;br&gt;Gerhard Heimpold, Halle Institute for Economic Research</td>
</tr>
<tr>
<td>11:15 – 11:30</td>
<td><strong>The Role of Science &amp; Technology for the Future of Unified Korea</strong>&lt;br&gt;Seung-Kyu Yi, KISTEP</td>
</tr>
<tr>
<td>11:30 – 12:00</td>
<td><strong>Q&amp;A Session/ Panel Discussion</strong></td>
</tr>
</tbody>
</table>
Science Diplomacy in Korea: Case Studies and Future Policy Direction

Chan-Mo Park
• Chancellor, Pyongyang University of Science and Technology (PUST)

Gerhard Heimpold
• Deputy Head, Department of Structural Change and Productivity, Halle Institute for Economic Research (IWH)

Seung-Kyu Yi
• Associate Research Fellow, KISTEP

Phil Eskeland
• Executive Director of Operations and Policy, Korea Economic Institute of America

Joachim Ragnitz
• Managing Director, Ifo Institute for Economic Research
Enjoy the Session!