

Korea's Policies and Activities in the Arctic

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The Complexities

- Opportunities but Vague Int'l Institutions
- Various Sectors Entangled
- Safety, Sustainability & Stability
- New Business & Co-operation Model

Outline

- **Korea and the Arctic**
- **Policies and Infrastructures**
- **Cooperation and Collaboration**

Korea and the Arctic

- Ocean-Related Industries

- Shipbuilding
- Transportation, logistics and shipping
- Petro-chemistry
- Ocean plant & construction

- Scarce Natural Resources

- More than 100% trade-dependence level

Korea and Climate Change

- Impact of Climate Change
 - Potential blackout, energy supply
 - Food production
 - * “weather kitchen”
- Global Green Growth
 - GGGI
 - GCF

Korea and the Global Energy Supply

- Four Basic Principles
 - Environmental Protection
 - Sustainable Developments
 - Protection of Rights of Indigenous Peoples
 - Corporate Social Responsibility

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Policies and Infrastructures

- Reinforcing the Arctic policy and R & D
- Institutionalizing the Arctic policy & strategy
- Promoting International Cooperation
- Developing Business Models
- Implementing rules and regulations by AC

Policies and Infrastructures

- Polar Research

- King Sejong Station in the Antarctic
- Arctic Dasan Station(Spitzbergen Island)

- Korea Polar Research Institute(KOPRI)

- More than 140 researchers, \$117 budget
- Icebreaker “Aaron” 2009,

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Bilateral Cooperation with ACs

- The United States of America
 - KOPRI and IARC Joint Research at Nome
 - * MOU with the IARC 2012
 - Research expedition on Chukchi Sea
 - * Alaska's support
 - Reinforcing local government cooperation
 - * Alaska & Incheon

Bilateral Cooperation with ACs

■ Russia

- Ice navigation training in St. Petersburg

- * Russian's support every year

- Korea, Russia and Japan's research collaboration on gas hydrate from 2003

- Bilateral cooperation with AARI

- P.P Shirshov Institute of Oceanology (RAS)

- * Lena- Arctic Route, Yakutia

Multilateral Collaboration

- Arctic Council
 - Ministerial-level & SAO meetings
 - Contribution of WG's activities
 - * AMAP, EBM
 - Permanent Participants
- Polar Code of the IMO
 - 2013 Momentum year

Multilateral Collaboration

- Hosting International Conference
 - the Arctic Science Summit Week 2011
 - * 300 experts from 23 countries, the 2nd Asian country
- Lunch of New Research Projects

Thank You!

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