# Open Access Korea, Phase 1: 5 years on

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**Hyekyong Hwang, Seonheui Choi, Hyesun Kim**

**Korea Institute of Science and Technology Informa-tion(KISTI)**

# Contents

- Project Overview
- Project Outcomes and Activities
  - OAK Institutional Repositories
  - OAK Portal
  - OAK Central
  - Research on Public Access Policy
  - Other Promotional Programs and Activities
- Discussions

# OAK(Open Access Korea) Project

- **Project Overview**
  - Purpose
    - Facilitating knowledge sharing globally through Open Access
    - Sharing of Domestic Knowledge Information and Developing Advanced Information Environment by Promoting OA Movement in Korea
  - Project period
    - 5 Years : March 2009-February 2014

# OAK(Open Access Korea) Project

- Implementing Agency
  - Korea Institute of Science and Technology Information(KISTI)

- Immediate Objectives
  - Promoting open access movement in Korea
    - Green road : Guiding, developing and diffusing of institutio nal repositories
    - Gold road : Leading scholarly societies and publishers to de claration on open access journals and developing a XML bas ed open access journal publishing system
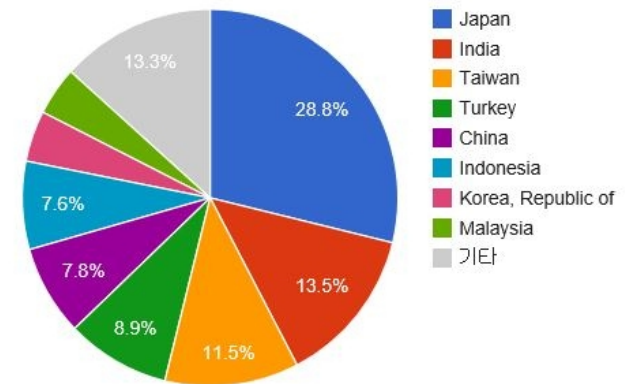
# Project Outcomes and Activities

- **OAK Institutional Repositories**
  - Through this project, 23 IRs were developed at selected universities, research institutes, public libraries in Korea and have been being operated since then.

    ❖ Diffusing IRs based on Dspace.
    ❖ Developed OAK IR open source package
    ❖ Special group with OAK repository members
      - Information sharing and coopera-tion
      - Education and seminars

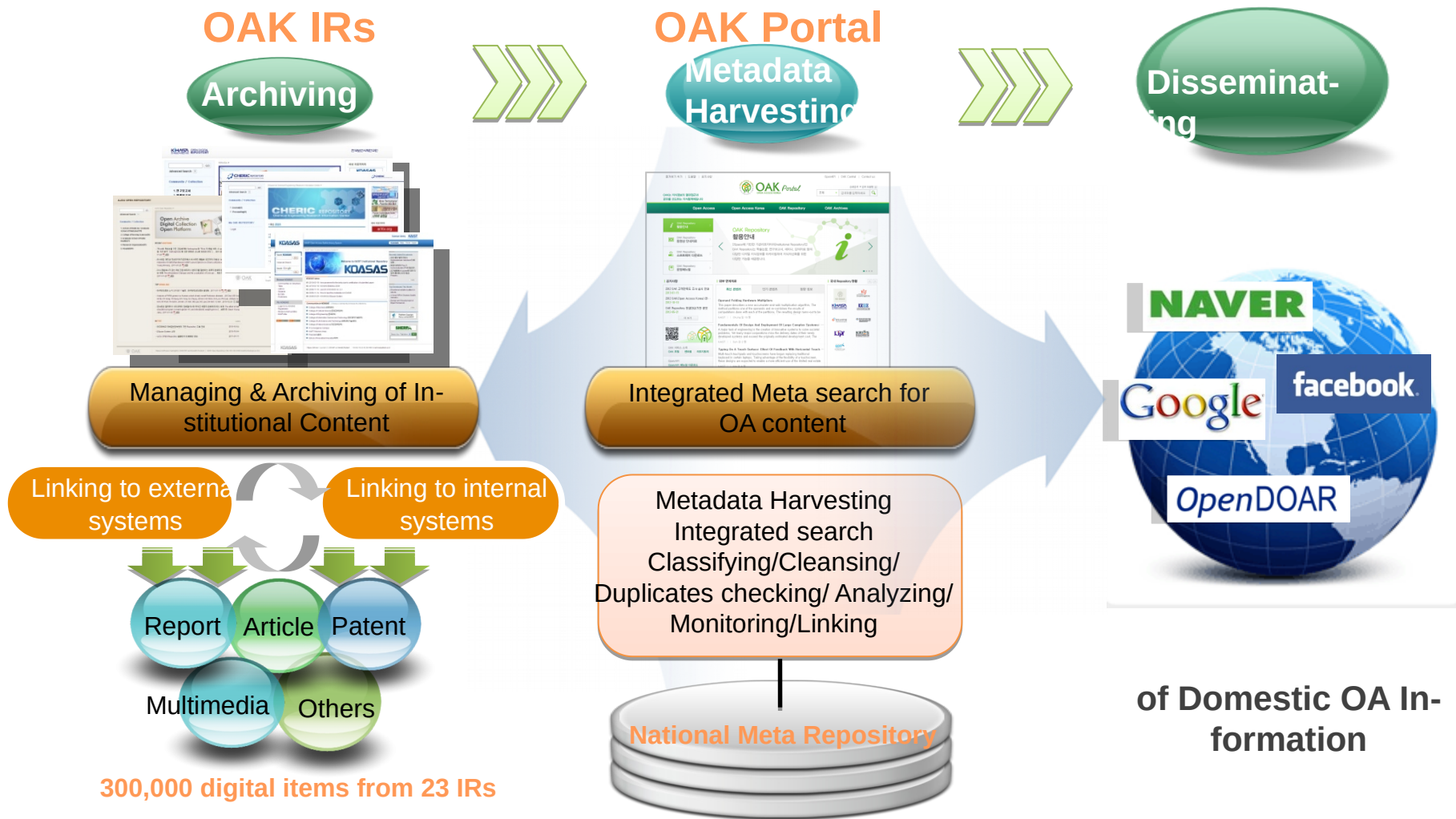Proportion of Repositories by Country - Asia

| | |
|---|---|
| Japan | 28.8% |
| India | 13.5% |
| Taiwan | 11.5% |
| Turkey | 8.9% |
| China | 7.8% |
| Indonesia | 7.6% |
| Korea, Republic of | |
| Malaysia | |
| 기타 | 13.3% |

Total = 503 repositories

OpenDOAR - 28-Oct-2014

OpenDOAR Repositories by Korea : 7th in Asia
<http://www.opendoar.org/>

5

# IR Content Archiving & Dissemination Process

**OAK IRs**

Archiving

**OAK Portal**

Metadata Harvesting

Disseminat-ing

Managing & Archiving of In-stitutional Content

Integrated Meta search for OA content

Linking to external systems

Linking to internal systems

Report   Article   Patent

Multimedia   Others

**G**

**300,000 digital items from 23 IRs**

Metadata Harvesting
Integrated search
Classifying/Cleansing/
Duplicates checking/ Analyzing/
Monitoring/Linking

**National Meta Repository**

**NAVER**

**facebook**

**Google**

**OpenDOAR**

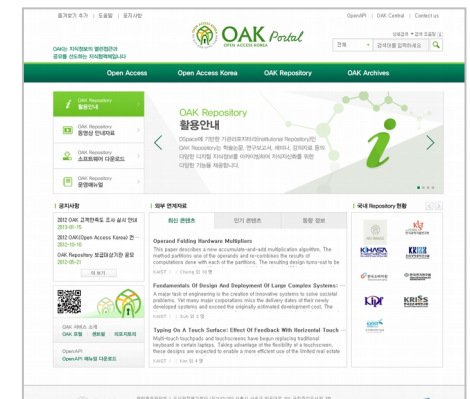**of Domestic OA In-formation**

# Project Outcomes and Activities

- **An OAK Portal**

  – which is a search platform for the contents collected from those 23 IRs, was developed and has been being operated.

    - It holds about 300,000 items of contents(journal articles, monographs, multi-media etc.) by now.
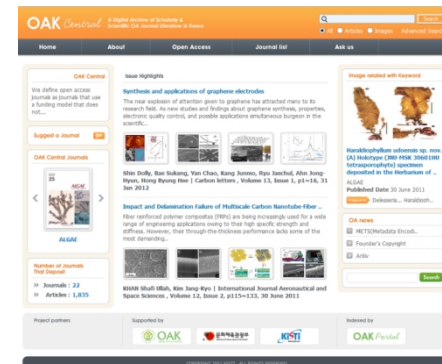
  – Please visit http://oak.go.kr

# Project Outcomes and Activities

- **OAK Central**
  - One of the prominent outputs of the project, is the digital archive for about 25 peer-reviewed, Korean open access journals.
    - Constructing full-text according to PMC DTD 3.0
    - Developing a work-bench, a semi-automatic tool to convert a PDF file to an XML file
  - It contains about 2,979 XML based full-text articles including figures, tables and references
  - Exposure to Google, Naver KoreaScience
  - See http://central.oak.go.kr

# Project Outcomes and Activities

- **Research on Public Access Policy**
  - KISTI studied on 'public access policy to research outcomes funded by government' for two years from 2010-2011
    - Investigated Korean policy and legislative system for the public access to research outcomes
    - Investigated public access policies of foreign countries
    - Analyzed interest and relationship among stakeholders including researchers, universities, learned societies, and DB companies.
    - Prepared a draft bill for public access in Korea

# Project Outcomes and Activities

- **Other promotional programs and activities**
  - Videos available for explaining about OAK and related activities (See video at http://goo.gl/7oFld)
  - Related educational program has been launched
  - Has hosted both domestic and international meetings and conference under the theme of OA every year
  - An expert committee for OAK has been organized and held the several meetings during the project
    - 20~30 members from government, institutes, universities and DB companies interested in open access.
    - Workshops or seminars to discuss topics on open access.

# Discussions

- **Gold OA**
  - Understanding of OA awareness is still early stage in KOREA
  - Structurally difficult promoting OA, since it has a lot of stakeholders; authors, publishers, libraries, funders, aggregators, information providers
  - Private DB companies having business of information services are strongly against OA movement
  - Participating in SCOAP3 on behalf of Korean scientific libraries in order to improve accessibility to HEP journals, but we are still develop cost reduction scenarios for SCOAP3 in KOREA.

# Discussions

- **Green OA**
  - In spite of national and systematical supports, the number of OA IRs was about 23 institutions
    - There has been very slow growth of OA IRs
    - Copyright issues/plagiarism risks/internet security
      - Conflicts with the publishers/societies after sharing in the IR
  - Institutional Written Mandates or Guidelines/Policies are NOT yet established for operations of IRs
    - Several IRs have policies of internal use only
  - Most of IRs are operating by the libraries
    - Cooperation between related internal functional departments, such as the computer team, and research office are needed