Information Access Center (IAC) & ICT Development Cooperation

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IAC
Information Access Center

NIA 한국정보화진흥원

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I. NIA at a Glance

NIA at a Glance

Founded in 1987

- Support ICT Enablement of National Agencies' Local Autonomies and Development of Policies for the Information Society
- (Framework Act on Informatization Promotion)

Public Agency

- Statutory Agency
  - Computerization Act (1986), Informatization Promotion Act (1996)

- Government Funded
- US$ 220 Million Annual Budget (2013)
- 10 Divisions, 2 Centers [Open Public Data and Korea Big Data Center], 1 Global e-Government Academy
- 403 Employees (2014)

II. IAC Project Overview

IAC Project Overview

■ Information Access Center (IAC)

➤ Multi-functional facility equipped with ICT Training Lab, Internet Lounge, Seminar Room and an Administrative Office that aims to offer local communities a wide range of opportunities for ICT enablement and bring them into the Information Society

1 Internet Lounge

In an a free atmosphere for using computers

(Internet Café)

2 ICT Training Lab

Taking IT classes, courses, special designated lectures

(IT Education Classes)

3 Seminar Room

Holding or hosting conferences and seminars

(Conference Hall)

- ## Information Access Center (IAC) – Set up Procedure

01 ▶▶▶   02 ▶▶▶   03 ▶▶▶   04 ▶▶▶   05 ▶▶▶   06 ▶▶▶

Partner Country Selection **Field Inspection & Feasibility Study on Site** **Singing MOU** **Construction & Setting** **IT Training in Korea** **Opening Ceremony**

01 IT Training Lab
Best Environment for IT Education

02 Internet Lounge
Free Access to the Internet for Everyone

03 Seminar Room
Proper Space for Seminars, Conferences and Classes

04 Administrative Office
Administrative Office for 3 IAC Operation staff

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IAC Project Overview
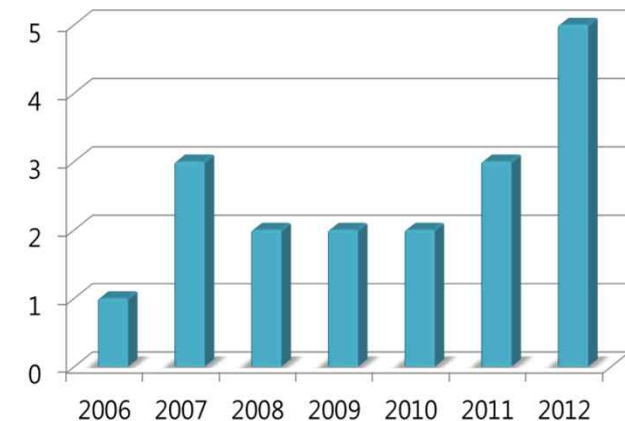
▪ History and Achievement

- ✓ In 2002, Korean Government started IAC project and since then a total of 38 IACs have been established in 36 countries - 2 in Vietnam & Indonesia)
- ✓ In 2006, Korean Government started IAC upgrades & renovation
- ➤ Since then 18 IACs have been renovated/upgraded after 4 years
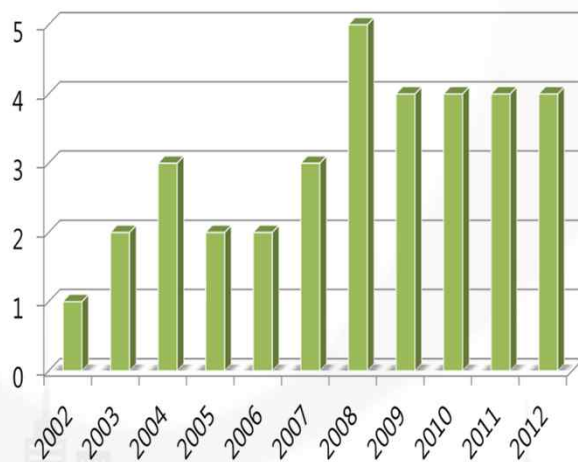
The number of new IACs a year

By Region

- Asia (10)
- Europe/CIS (7)
- Africa/ME (10)
- LAC (6)
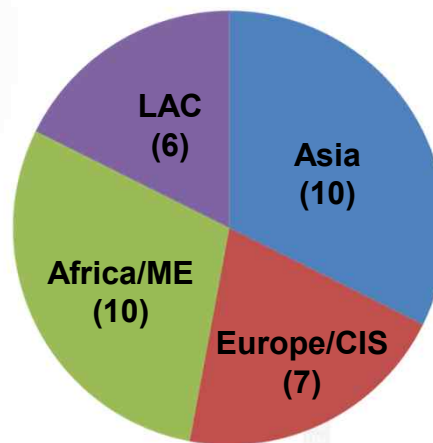
The number of the renovated/upgraded IACs a year

IAC Project Overview

■ Helping to Reduce the Digital Divide

➢ As a subsidiary organization under the Ministry of Science, ICT and Future Planning (MSIP), NIA has tried to reduce the information gaps between individuals both domestically and internationally

➢ NIA has carried out the IAC project providing better access and opportunity to use ICTs for the general public in developing countries

✓ **31 among 148 OECD DAC list of ODA Recipients (21%)**

	Asia	Africa/ME	Europe/CIS	LAC	Total
ODA Recipients	35	63	18	32	148
IAC Network	10	10	5	6	31
Percentage	29%	16%	28%	19%	21%

* Bulgaria, Romania are exceptional recipients

✓ IAC will be spread up to 100 countries **(70% ODA Recipients)**

2013 Project Overview

▪ Built & Upgraded/Maintained

✓ **New IACs established in 4 countries**

Dominican Republic   **Ethiopia**   **Indonesia**   **Papua New Guinea**

✓ **1st Upgrade of IACs in 4 countries (since 2009)**

Korea

Morocco   **Algeria**   **Paraguay**   **Peru**

✓ **2nd Upgrade of IACs in 2 countries**

Cambodia (2002)   **Bulgaria (2004)**

IAC Project Overview: Key Facts

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▶ Number of IACs worldwide

$ 17M

▶ Total Project Budget since 2002

Middle East - Africa
17.5% | 31.4% Asia
Europe - CIS 21.8% | 21.9%
LAC

▶ Asia 13 | Europe · CIS 7
LAC 7 | Middle East · Africa 11

8,600,000 +

▶ Total number of users since 2002

NGO 2.9%
Government agency 44.1%
52.9% University

▶ University 18 | NGO 1
Government agency 17

6,751

▶ Monthly number of users in 2013

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V. IAC Regional Knowledge Portal

IAC Regional Knowledge Portal: Background

Background

➢ **Strong demand for accurate and updated ICT information (Laws, Acts, Policies, etc…) at any time and from anywhere**

Overview

➢ **To create an Internet-based repository on ICT Information in Korea and make available throughout the IAC network**

➢ **To be developed as a comprehensive, cost-effective, user-friendly, and interactive knowledge-based portal (don't need to build from scratch → just use updated technologies)**

➢ **To be developed, financed and maintained by NIA (Korean Gov't) who will gather and provide on their own ICT information that could be useful and beneficial for IAC regional members**

➢ **Encourage ADB regional member countries to share amongst themselves**

➢ **Incentives possibly provided and share contents (e.g. awards from ADB, ITU)**

IAC Regional Knowledge Portal: Content Framework

Possible Categories for Knowledge Repository

- National e/m-Government Policies and Strategies
- Implementation Plans
- Related Legal and Regulatory Framework
- Institutional Framework
- ICT Infrastructure Development
- Enabling Environment for Effective e-Development
- Monitoring and Evaluation of e/m-Government Policies

IAC Regional Knowledge Portal: Content Example-1

No.	Title	Published Year/Organization	Language Version (Link)
1	**Master Plan for Informatization Promotion (1996~2000)**	**1996.06 / MIC**	**KOR**
2	**Cyber Korea 21 (1999~2002)**	**1999.03 / MIC**	**KOR**
3	**E-Korea Vision 2006 (2002~2006)**	**2002.04/ MIC**	**ENG**
4	**Broadband IT Korea Vision 2007 (2003 ~2007)**	**2004.04 / MIC**	**ENG**
5	**U-Korea Master Plan (2006~2010)**	**2006.05 / MIC**	**ENG**
6	**IT 839 Strategy**	**2003.12 / MIC**	**ENG**

IAC Regional Knowledge Portal: Content Example-2

No.	Title	Published Year/Organization	Language Version (Link)
1	11 e-Government Initiatives	2001 / MIC	-
2	E-Government Roadmap	2003.08 / MOPAS	ENG
3	Master Plan for Next Generation e-Government in Korea	2007.12 / MOPAS	ENG
4	1st Phase Administrative Informatization Project for Local Governments	2000.12 / MOGAHA	KOR
5	2nd Phase Administrative Informatization Project for Local Governments	2000.12 / MOGAHA	KOR
6	2008 Plan for Facilitating Educational and Cultural Informatization	2008 / MEST	KOR

Possible NIA Collaboration in ICTD-ASP Portal

- ➢ **Possible cooperation in designing and helping to develop an ICTD-ASP web-based Knowledge Portal**

- ➢ **The multi-sector knowledge portal would enable sharing of information for education, public health, government services and agriculture**

- ➢ **Localized information could be made available in order to share relevant and beneficial information with citizens in countries partnering in the initiative**

- ➢ **ICTD-ASP portal supplement the aforementioned NIA-IAC Portal**

- ➢ **To be determined the extent and how to host and maintain both portals**

Thank You

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Appendix: Other NIA ICT Development Cooperation

NIA Global Cooperation: Korea IT Learning Program

This program (KoIL) shares ICT development experience while running training programs to develop informatization capabilities for policy makers, developers and government employees of developing countries

KoIL Program by Year (1998~2013)
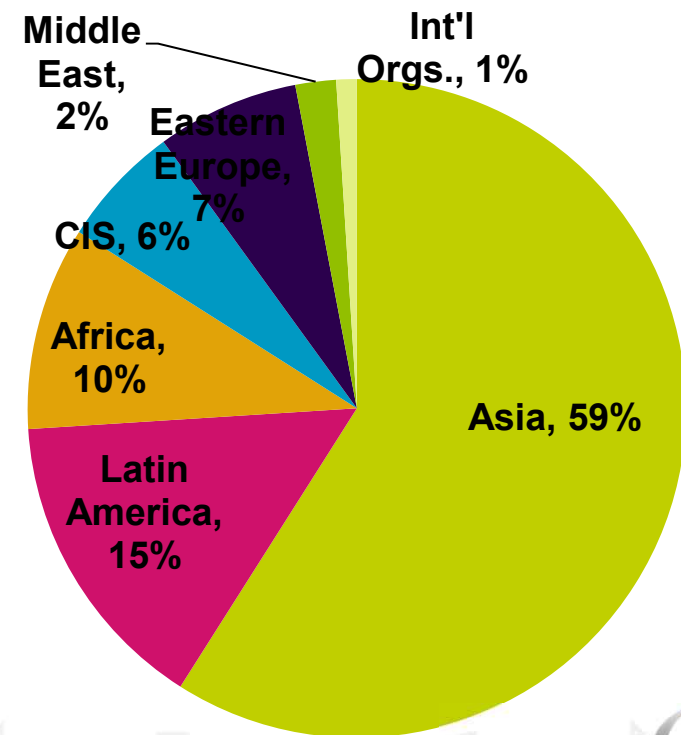
Region	Asia	Latin America	Africa	CIS	Eastern Europe	Middle East	Int'l Orgs.	Total
Number	2,347	578	389	233	274	99	40	3,960
Ratio	59%	15%	10%	6%	7%	2%	1%	100%

Middle East, 2%
Int'l Orgs., 1%
Eastern Europe, 7%
CIS, 6%
Africa, 10%
Asia, 59%
Latin America, 15%

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NIA Global Cooperation: World Friends Korea IT Volunteers

Sending IT skilled volunteers to partner countries to help improve IT capacity (552 KIVs to 30 countries in 2013)

KIV

Countries
- Partner countries (Africa , Asia, CIS, Eastern Europe, Latin America, Middle East)

Duration
- Short term: One month
- Medium term: Two-three months

Constituents
- Short term: 400 IT Volunteers (Univ. students, professors)
- Medium term: 150 IT Volunteers (IT experts)

Activities
- Providing IT education and various computer skills
- Carrying out IT-related projects and research
- Supporting equipment (Laptops, HDDs, Camcorders)
- Exchanging culture and building partnerships

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■ Number of IT Volunteers Dispatched

Year	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	Total
Countries	20	27	42	32	33	29	36	41	18	22	22	24	30	70
Teams	61	47	57	75	86	80	87	117	130	138	153	140	138	1,339
Volunteers	175	206	345	300	320	304	323	442	481	548	612	550	552	5,158

Number of Volunteers Dispatched by Region

Middle East 182
Africa 531
Latin America 573
Total 5,158
CIS 647
Europe 138
Asia 3,087
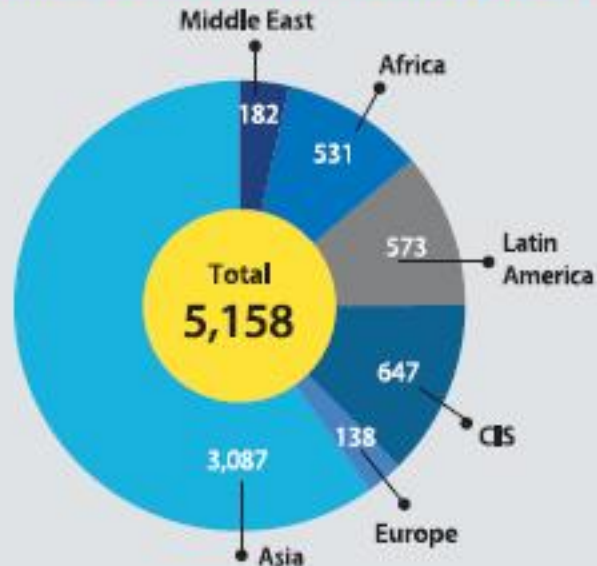
Number of Beneficiaries for IT training

Teachers 20,809 (6.8%)
Professors 4,407 (1.44%)
Gov. Officials 34,396 (11.24%)
Others 19,585 (6.4%)
Total 306,011
Students 226,815 (74.12%)

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