International ICT/SW Cooperation Activities of NIPA

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nipa National IT Industry Promotion Agency

Contents

About NIPA

Purpose of Establishment

- Based on the **Article 26 of the IT Industry Promotion Act**
- Reinforcing the competitiveness of the ICT Industry
- Contributes to the economic growth

Mission

Creation of National · Economic Dynamics through ICT

Strategic Areas

| Software Industry | Cloud Computing | IoT Convergence | Digital Contents | Global Cooperation & Start-up |

Organization Chart

Organization	Budget
600 Personnel	1.2 Bill US$ in 2015

Board

President

8 Divisions
- ICT.SW Strategic Planning Div.
- SW Industry Promotion Div.
- Cloud Computing Div.
- Digital Contents Div.
- IoT.Convergence Div.
- International Cooperation Div.
- e-Document Div.
- Management Support Div.

3 Affiliated Institutions
- IITP (R&D)
- SPRI (SW Policy)
- SW Engineering Center

International Network of Liaison Offices

KIC(Korea Innovation Center) Europe

KIC(Korea Innovation Center) Silicon Valley

Korea-India Software Cooperation Center

KICC(Korea IT Cooperation Center) Singapore

II Int'l Cooperation Activities

Global Cooperation Activities

G2G

- **ICT Consulting Program**
  - Master Plan
  - Feasibility Study

- **ICT Expert Training Course**

- **Korea Senior Experts Dispatching Program**

B2B

- **Born Global Start-ups**

- **Overseas Roadshow**

- **SW Developer Training in Silicon Valley**

- **Marketing Mentoring**
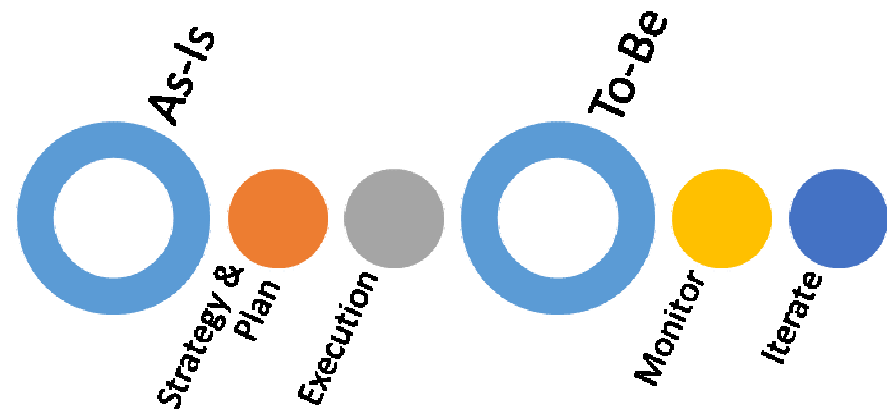
- **K-Global@Silicon Valley**

G2G
Cooperation

ICT Consulting Program

- **e-Gov. Master Plan** : Provides a blueprint and roadmap for the implementation of e-Gov. projects in the national level

- **Feasibility Study** : Focus on specific ICT projects to determine its feasibility and provide implementation models

- **References**
  - **Master Plan** : **25** Countries
  - **Feasibility Study** : **183** in **74** Countries
  - **18 Projects in 2015** : **3** Master Plans, **21** Feasibility Studies

- **Korea's ODA Funding Sources** : KOICA, KEXIM

ICT Expert Training Courses

K-LINK — Korea Leader's Information Network

- **Objective** : To assist ICT Experts to gain valuable insight into the policy making process

- **Trainees** : ICT experts from partner countries

- **Curriculum(1 week)** : Lectures, biz. meetings, field trips

- **Topics** : ICT Policy, digital broadcasting, spectrum mgt.

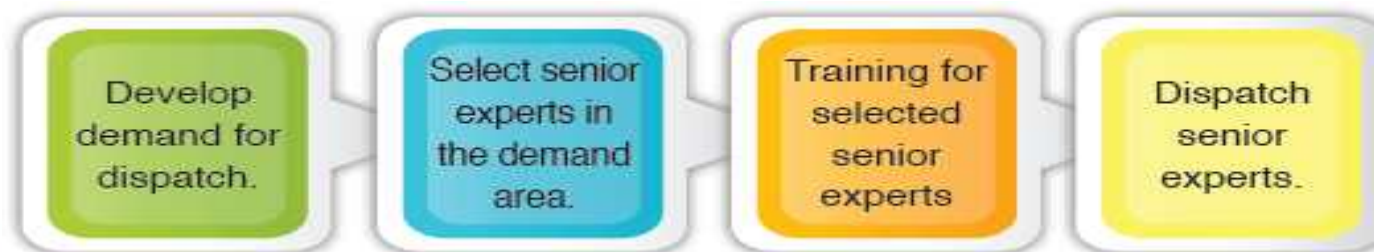- **Benefits :** accommodation & transportation, etc.

ICT Expert Training Courses in 2015

	Period	Course	Number
1	April	Spectrum Management	22
2	May	Internet of Things	22
3	June	Next Generation Broadcasting Technology	21
4	June	Big Data	20
5	June	Software Policy	20
6	July	Cyber Incident Response	20
7	July	Information Access Center (IAC) Establishment	25
8	August	International Students ICT Cooperation	25
9	September	Digital Broadcasting	20
10	October	ICT Policy Expert	25
11	November	Frequency Management	20
12	November	Information Security	20
13	December	Emerging Countries Technology Advancement	10
Total			**270**

Korea Senior Expert Dispatching Program

WORLD FRIENDS KOREA

- **Aim :** To share Korea's industrial development experiences and knowhow with partner countries

- **Who :** 120 Experts from public or private sector(2015)

- **Fields :** IT, manufacturing, energy, transportation, etc.

- **Period** : 1 year ~ 3 years

- **Roles** : Counselling and advising

- **Process**

Develop demand for dispatch. → Select senior experts in the demand area. → Training for selected senior experts → Dispatch senior experts.

Korea Senior Expert Dispatching Program

WORLD FRIENDS KOREA

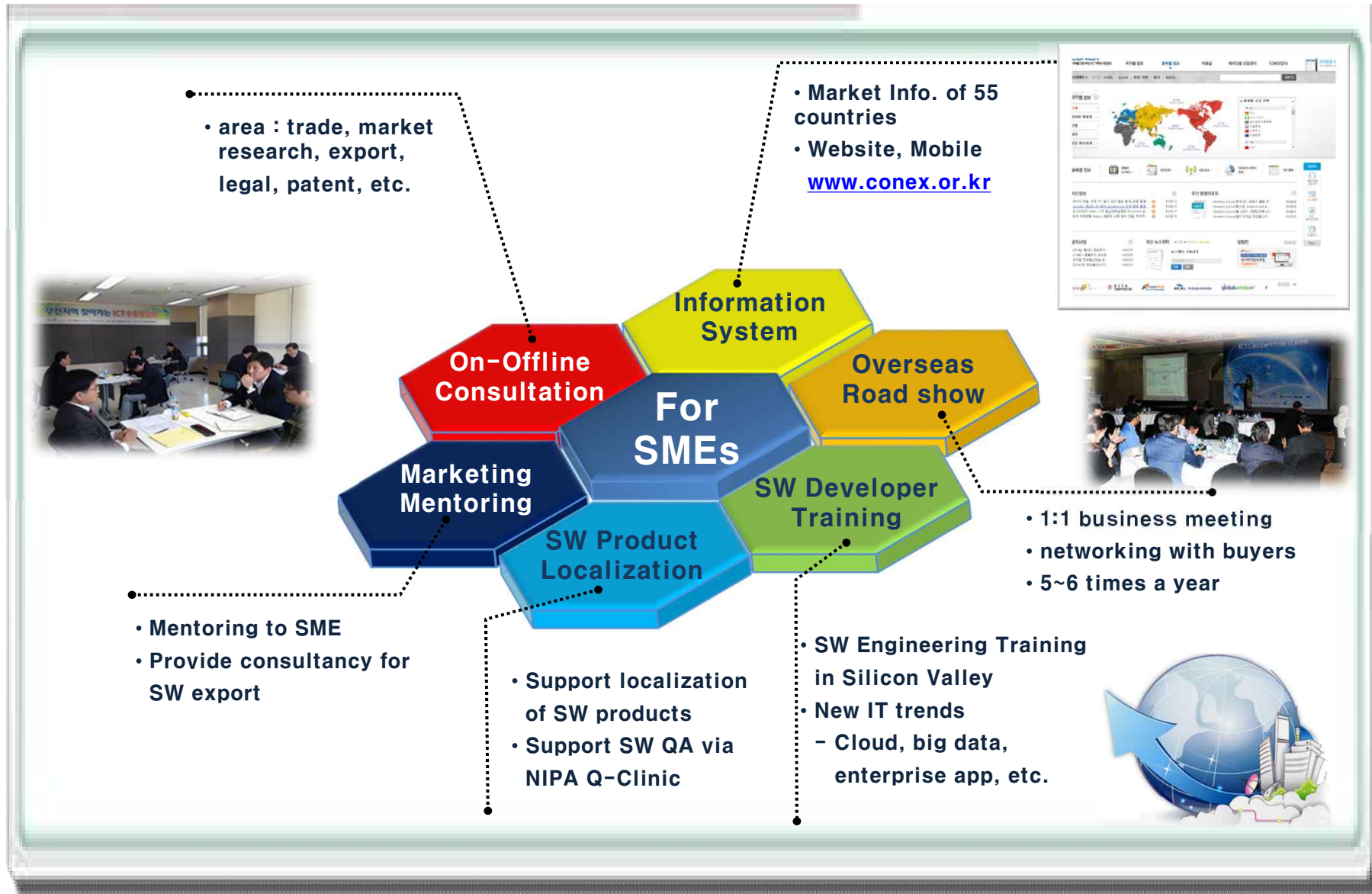- **Dispatched 374 experts to 37 countries(2010~2014)**

Areas	Countries	Dispatched Areas
Asia/Pacific	Laos, Viet Nam, Indonesia, Myanmar, Mongolia, Cambodia, Thailand, Solomon Islands, etc.	electric power, hydroelectric power generation, e-learning, Traffic information, IT, environment, post information, railroad, etc.
CIS	Azerbaijani Republic, Uzbekistan, Moldova, Kyrgyzstan, Belarus	IT, industrial analysis, SMEs, weather, e-government, industrial economy, etc.
Africa/ Middle East	Rwanda, Kenya, Egypt, etc.	Airport, energy, road, weather, e-government, housing, statistics, etc.
Central and South America	Guatemala, Colombia, Peru, El Salvador, Ecuador, Dominica(Republic), etc.	SMEs, IT, energy, industrial disaster, e-commerce, e-government, trade promotion, statistics, geography, etc.

B2B
Cooperation

Global ICT Biz. Support Programs

- area : trade, market research, export, legal, patent, etc.

- Market Info. of 55 countries
- Website, Mobile
  www.conex.or.kr

Information System

On-Offline Consultation

Overseas Road show

For SMEs

Marketing Mentoring

SW Developer Training

SW Product Localization

- 1:1 business meeting
- networking with buyers
- 5~6 times a year

- Mentoring to SME
- Provide consultancy for SW export

- Support localization of SW products
- Support SW QA via NIPA Q-Clinic

- SW Engineering Training in Silicon Valley
- New IT trends
  - Cloud, big data, enterprise app, etc.

K-Global@Silicon Valley

- **K-Global@Silicon Vally** : Annual ICT event in U.S. since 2012
- **U.S.-Korea business cooperation platform**

- This event highlights entrepreneurship and key technology trends

    - Conference, Startup pitching, technology showcase

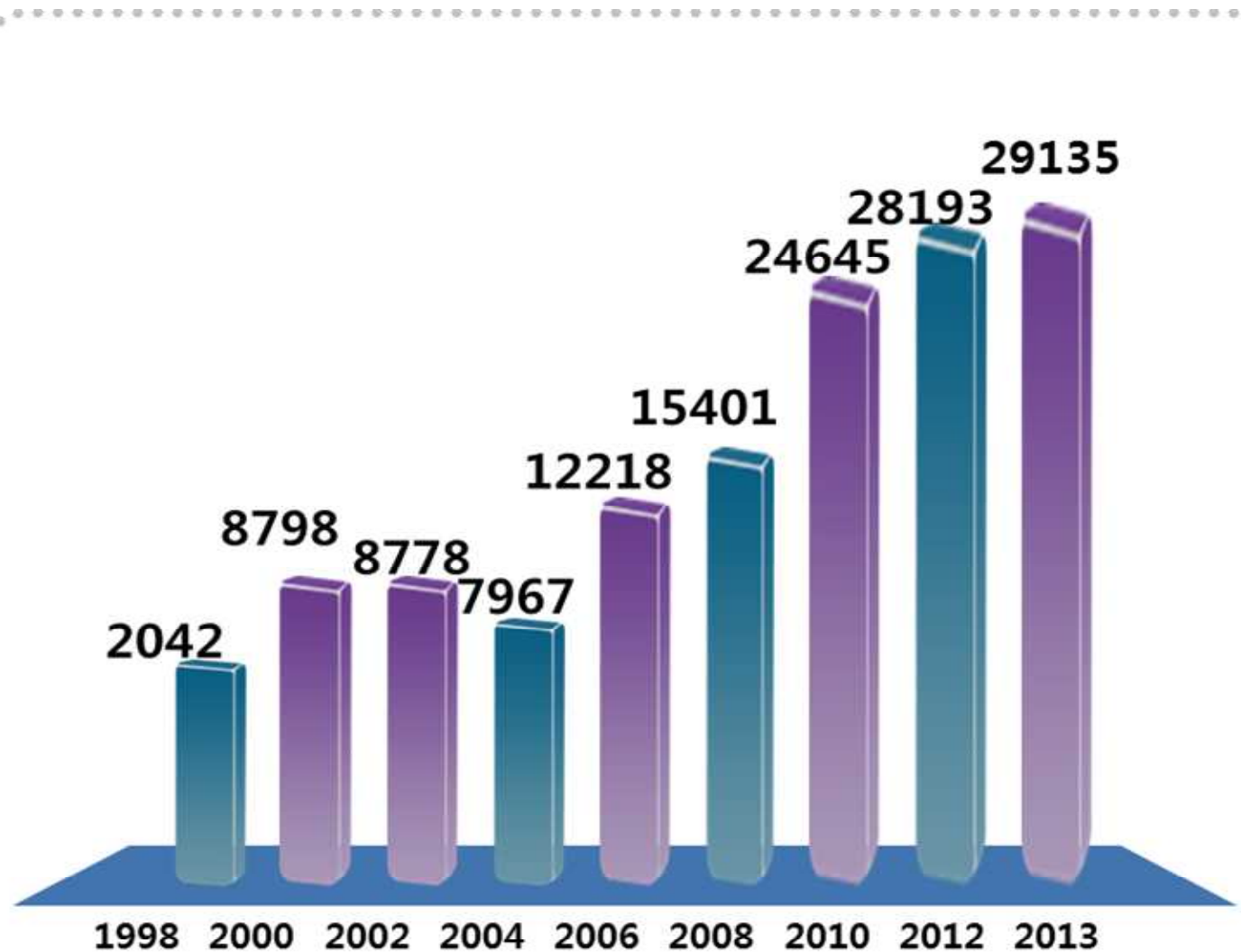   - Participants : 1,000 ICT professionals(annual)

STARTUPS IS TRANSFORMING KOREA

2nd Venture Boom in Korea

No. of Startups

What Korean Startup Ecosystem means to you

Test-bed

Collaboration Partner

Gateway to Asian Market

New Project in 2016 : Pan Asian Grand Challenge

- **Aim :** To discover promising Startups in Asia and all over the world and attract them into Korea

- **Who :** Promising global Startups (40 Teams)

- **Benefits :** 1) Roundtrip airfare and living expenses
  2) Incubating with professionals(4 months)
  3) Grants(Max. 200,000 USD/team)
  4) Follow-up fund support

- **Schedule :** May 2016(tentative)

Thank you !

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