

2015

KISTEP-ISTIC

S&T Innovation Training Program for High Level Policy Makers

*“Sharing the Progress of Korea and
Systematic S&T Management with
P.I.E. (Planning, Investment, Evaluation) Framework”*

**23 – 27
NOVEMBER
2015
SEOUL,
KOREA**



Organized by:

**Korea Institute of S&T Evaluation and Planning
(KISTEP)**

&

**International Science, Technology and Innovation Centre
for South-South Cooperation under the Auspices of UNESCO
(ISTIC)**

**2015 KISTEP-ISTIC S&T INNOVATION TRAINING PROGRAM FOR HIGH LEVEL POLICY
MAKERS:**

***“Sharing the Progress of Korea and Systematic S&T Management
with P.I.E. (Planning, Investment, Evaluation) Framework”***

23-27 November 2015, Seoul, Korea

OVERVIEW

The 2015 KISTEP-ISTIC S&T Innovation Training Program for High Level Policy Makers: “Sharing the Progress of Korea and Systematic S&T Management with P.I.E. (Planning, Investment, Evaluation) Framework” will be held on 23-27 November 2015 in Seoul, Korea.

The 2015 KISTEP-ISTIC Program have main features as follows:

- Magnifying the macro topics related to society and economics in the perspective of S&T
- Enhancing interaction between participants with more discussion sessions
- Supporting continued networking opportunities after the program

The 2015 KISTEP-ISTIC Program will follow the P.I.E. framework. Especially, in order to address the specific national issues that the participants want to share, Korea’s S&T experience will be introduced mainly focusing on the National Innovation System (NIS). Also, we will introduce the case studies of international cooperation that can be applied to the participants’ countries. In addition, we will hold interactive workshops to promote active discussion between the participants.

The purpose of this program is to enhance the capabilities of high level policy makers from developing countries by presenting them the experience of Korea. This program covers topics from Korea’s nationwide science and technology (S&T) policies to techniques for P.I.E. (Planning, Investment, Evaluation) which are beneficial for S&T policy makers and give a guide to improve the developing countries’ S&T capacity. To offer a practical and comprehensive instruction, interactive workshop will be conducted during the program.

Also, this program aims to work as a new useful communication platform for relevant high level policy makers. Policy makers can meet together in one place and share together their personal experience, good practice and other useful information. And it plans to support an extensive networking scheme to deepen and extend the relationships between all participants afterwards.

Meeting these purposes should help the participating policy makers to enhance both their personal and their country’s R&D capabilities and competencies, and should support further development of their respective countries.

ORGANIZERS

Korea Institute of S&T Evaluation and Planning (KISTEP)

Korea Institute of S&T Evaluation and Planning (KISTEP) is a global institution specializing in S&T planning and evaluation with the aim of creating future value of S&T in Korea. The Republic of Korea has been able to accomplish a remarkable growth and advancements in the field of S&T, and KISTEP has played one of the crucial roles in this process. Particularly, KISTEP has been playing a key role in the work of technology foresight, S&T policy planning, R&D priority setting, policy coordination, program coordination and budget allocation, R&D program evaluation.

KISTEP has carried out its pivotal roles in nation-wide technology foresights, national S&T basic plans including “High Five Strategy” and national technology roadmaps. And KISTEP sets investment priorities that are most helpful for achieving national development goals and it is involved in every step of every budget allocation process in national R&D programs, pursuing the optimal allocation of R&D resources. Also, KISTEP is conducting Meta- and In-Depth R&D program evaluations and managing S&T observatory including “National S&T Information Service” and “K2 Base System”. With the significant experience gained through its services to Korea, KISTEP has recently started to focus on the international dissemination of its expertise and on the global cooperation in the S&T evaluation and planning.

International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC)

The International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC) was established on 21 January 2008 and is based in Kuala Lumpur. The creation of the ISTIC is a follow up of the Doha Plan of Action which has been adopted by the Heads of States and Government of the Group of 77 and China, during the meeting in Doha, Qatar, from 12 to 16 June 2005 on the occasion of the Second South-South Summit of the Group of 77 (G77).

ISTIC is fully funded by the Government of Malaysia. One of the main function of ISTIC is to develop and implement science, technology and innovation development program for members of G77 and China targeted at facilitating the integration of national science, technology and innovation policies, capacity building, exchange of experiences and best practices, and creating a problem-solving network of centres of excellence in developing countries.

COMPONENTS AND MODES OF DELIVERY

The training programme will be delivered by using the combinations of the following methods:

- Series of lectures.
- Interactive Workshop: Challenge Report of S&T.
- Case Studies.
- Study visit to selected company.

PROGRAMME

Date / Time	11.23 (Mon)	11.24 (Tue)	11.25 (Wed)	11.26 (Thu)	11.27 (Fri)
09:00~09:30	Opening Ceremony	Technology Foresight	National S&T Information Service Science	Analysis of S&T Capacity of Developing Countries	Challenge Report (1)
09:30~10:30	Experience of S&T Development and System in Korea				
10:30~11:00	Break				
11:00~12:30	S&T Human Resource	R&D Budget Allocation & Coordination	Science Diplomacy of Korea	Group Discussion	Challenge Report (2)
12:30~14:00	Lunch				
14:00~15:30	Overall Introduction to P.I.E.	Feasibility Study	Study Visit	Cultural Experience	Challenge Report (3)
15:30~16:00	Break				Break
16:00~17:30	S&T Master Plan	R&D Program Evaluation			Wrap-up Discussion (Follow-up Action Plan)
17:30~18:00	Group Discussion	Group Discussion			Closing

* Note: This schedule may be subject to change



DESCRIPTION OF MODULES

Module 1: Progress of Korea's S&T Development

Korea has experienced a remarkable socio-economic growth over the past five decades, which transformed a poverty-ridden agricultural country into one of the strongest Asian economies. The national S&T strategy has served as one of the engines enabling the dramatic transformation. Korea began developing its S&T infrastructure in 1960s, when the Ministry of S&T was established to coordinate and support the S&T activities. Korea further promoted S&T as a source of national competitiveness in 1970s and 1980s. Recently Korea is focusing on increasing efficiency of S&T efforts and expanding investments on the basic and fundamental research. All the participants will have a chance to see the milestones of Korea's S&T development.

This module will provide a brief description of how Korea's S&T have evolved with the supportive system. And the review of policies for nurturing S&T human resource, which is a key factor for the S&T development, will be covered through this module. The science diplomacy of Korea in terms of science will also be presented

Module 2: Systematic S&T Management (P.I.E.)

The concept of Planning-Investment-Evaluation provides an approach for S&T management and continuous improvement of S&T activities on all levels, including policies, programs and projects. The P.I.E. approach works as a cycle, whose goal is to set the most suitable national S&T priorities and to implement them in the most efficient way. The priorities and their implementation are periodically evaluated. The evaluation results have direct impact both on the planning of future S&T activities and on the improvement of the current ones.

This module will show how the P.I.E. framework works including the establishment of S&T master plan, technology foresight, R&D budget allocation & coordination and R&D program evaluation.

Module 3: Study Visit

This module will provide opportunities to visit S&T institutions which led the development of S&T in Korea. Study visit will include tour of institutions, knowledge exchange, discussions and other activities. The site of the study visit will be selected after discussion among relevant representatives of KISTEP and ISTIC.

The study visit will give participants a better understanding and insight of the methods and approaches to promote S&T. Participants will also get a chance to broaden their network with the S&T institutions in Korea.

Module 4: Interactive Workshop (using consultative method)

Analysis of S&T capacity of participants' countries will be conducted in a quantitative way. The result of analysis will be provided to the participants to show the general S&T development status of those countries.

Participants will learn their countries' weakness and strength in terms of S&T. Based on the understanding of S&T capacity, participants will have an opportunity to seek ways of developing their S&T capacity in a larger context.

Module 5: Sharing the S&T Issues

Each participant must submit his or her challenge report based on the provided framework (in Box 1). All reports will be shared among all participants. The reports should be focused on the current challenges of national S&T that need to be resolved. Proposed major challenges should be related to the program themes including P.I.E (Planning, Investment, Evaluation), NIS (National Innovation System), S&T Cooperation. The PPT template will be provided for the participants later. Each challenge report will be shared among all participants for active discussion to explore possible solutions for the raised issues.

Box 1: Challenge Report Content

Challenge report to be submitted for 2015 KISTEP-ISTIC S&T Innovation Program for High-Level Policy Makers should reflect the S&T information of the country at the national level.

Challenge Report Framework:

- 1. Brief Overview of S&T policy**
 - Administrative Framework on S&T
 - Brief overview of country S&T policy
- 2. National S&T Status**
 - S&T status of the country
- 3. National S&T Challenge**
 - Issues and challenges for S&T development

CRITERIA OF PARTICIPANTS

A total of 20 participants from developing countries (S&T policy makers from governments of developing countries and government funded research institutions) will be selected to attend the training programme. The combination of participants from developing countries will allow for the exchange of knowledge, ideas and experiences as well as opportunities for discussions, networking and possible collaboration.

Participants should be holding senior position such as **Vice Minister, Director General or Secretary General / Assistant Minister** of Ministry of Science and Technology or Ministry responsible for Science, Technology and Innovation from developing countries.

MEDIUM OF INSTRUCTION

The training workshop will be conducted in English.

TRAVEL & HOSPITALITY

The organizer will sponsor the cheapest airfare ticket (economy special fare) and local hospitality to qualified international participants who are selected to attend this training program. For those participants who are willing to pay their own airfare, the organizer is agreeable to pay for their hotel accommodation and local cost.

APPLICATION AND ENQUIRIES

Online application is encouraged to expedite the selection process that can be accessed via [Application Online](#).

All applicants are required to submit application form and recommendation letter and applicant's C.V to following address:

Secretariat

KISTEP-ISTIC S&T Innovation Training Program for High Level Policy Makers

ISTIC, c/o Academy of Sciences Malaysia

902-4, Jalan Tun Ismail

50480 Kuala Lumpur

MALAYSIA

Tel: +603-2694 9898

Fax: +603-2698 4549

Email: info@istic-unesco.org

Website: www.istic-unesco.org

CLOSING DATE

All applications whether online or otherwise should reach ISTIC not later than **15 September 2015**.

ISTIC will inform the successful applicants to the training workshop not later than 1 November 2015. Applicants who do not receive word within this date are rendered unsuccessful.

APPLICATION FORM
(Typewritten or blocked letters)

FOR OFFICIAL USE ONLY Reference No: Received: Checked:	Please affix latest passport photograph
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Title Of Course: 2014 KISTEP-4STIC S&T INNOVATION TRAINING PROGRAM FOR HIGH LEVEL POLICY MAKERS	Date, duration & venue of course: 23-27 NOVEMBER 2015 SEOUL, KOREA
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ONLINE APPLICATION PLEASE [CLICK HERE](#)

1. PERSONAL PARTICULARS:

Family name (surname):	Date of Birth: (Date/Month/Year)
First name:	Nationality: (Citizenship)
Other given names:	Gender: (Male/ Female)
City and country of birth:	Marital status: (Single/ Married)
Passport No:	Designation : Prof. / Dr / Mr / Mrs / Ms

2. COMMUNICATION AND MAILING ADDRESS:

Applicant's Office Address:	Office Phone No:	
	Office Fax No:	
Email address:		
Mobile No:		
Person to be contacted in case of emergency (name, telephone and address):		

3. EDUCATION:

Name of institution and place of study	Major field of study:	Years of study	Degree

4. EMPLOYMENT RECORD:

A. Current Post:			B. Previous Post:		
Employer:			Employer:		
Duration of service:	From	To	Duration of service:	From	To
Title of post:			Title of post:		
Current monthly salary(US dollars):			Monthly salary (US dollars):		
Name of supervisor and title:			Name of supervisor and title:		
Type of organization: Government/Semi-Government/ Private/ NGO			Type of organization: Government/Semi-Government/ Private/ NGO		
Main functions of organization:			Main functions of organization:		
Total number of employees in organization:			Total number of employees in organization:		
Description of your current work including your responsibilities:					
*Please use supplementary pages if necessary					

5. REASONS FOR APPLYING THIS TRAINING PROGRAM:

Please briefly state the reasons for applying this training program and how you hope to benefit from this program	
Have you participated in any ISTIC training programs before: YES/ NO	
If yes;	
Name of program	Date

6. CERTIFICATION OF ENGLISH LANGUAGE PROFICIENCY:

	Excellent	Good	Fair	Remarks
Listening				
Speaking				
Writing				
Reading				
Mother tongue:				

7. DECLARATION:

Have you ever been convicted by a Court of Law of any country? Yes/ No If yes, please give brief details:	
I certify that my statements in answer to the foregoing questions are true, complete and correct to the best of my knowledge and belief. If accepted to the training workshop, I undertake to:	
i) carry out such instructions and abide by such conditions as may be stipulated by both the nominating government and the host government in respect of this course of training;	
ii) follow the course of study or training, and abide by the rules of the institution in which I undertake to study or train;	
iii) refrain from engaging in political activities, or any form of employment for profit or gain;	
iv) submit any progress reports which may be prescribed; and	
v) return to my home country promptly upon the completion of my course of studies or training.	
I fully understand that if I am granted an award it maybe subsequently withdrawn if I fail to make adequate progress or for other sufficient cause determined by the host Government.	
Signature of Application	: _____
Name	: _____
Date	: _____

8. OFFICIAL DECLARATION (to be completed by the Head of Department):

The Government / Organisation of nominates (name of applicant)	
For the training workshop under the International Science, Technology and Innovation Centre for South-South Cooperation (ISTIC) and certifies that:	
i) all information supplied by the nominee is complete and correct;	
ii) the nominee had adequate knowledge and was appropriately tested for English Language proficiency.	
Remarks:	
_____ (Name)	_____ (Signature of responsible Head of Department)
_____ (Designation) Official seal/ stamp	Address of Department/ Ministry _____ _____
Date:	Office telephone no: Office fax no: Email address:

Note: INCOMPLETE AND/OR UNENDORSED FORMS WILL NOT BE PROCESSED



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ISTIC
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COOPERATION UNDER THE AUSPICES OF UNESCO

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