



International Training Programme

On

STI POLICY MAKING FOR SOCIO-ECONOMIC DEVELOPMENT IN THE GLOBAL SOUTH - 2023

June 6 – 8, 2023

Kuala Lumpur, Malaysia

ORGANIZED BY

	<p>CENTRE FOR SCIENCE & TECHNOLOGY OF THE NON-ALIGNED AND OTHER DEVELOPING COUNTRIES (NAM S&T CENTRE)</p> <p>NEW DELHI, INDIA</p>
	<p>INTERNATIONAL SCIENCE, TECHNOLOGY AND INNOVATION CENTRE FOR SOUTH-SOUTH COOPERATION UNDER THE AUSPICES OF UNESCO (ISTIC)</p> <p>KUALA LUMPUR, MALAYSIA</p>

INTRODUCTION

The crucial roles of STI and Policy in socio-economic growth are well demonstrated by the success stories of developed nations. The roles of Science, Technology and Innovation as developmental tool in national economic transformation are well established thus needs no further elaboration, but the function of policy could and should not be underestimated either. Over the past few decades, the countries in the Global South have realized the importance of Science, Technology & Innovation (STI) as a key issue in their policymaking agenda in order to catalyze their socio-economic development. In the competitive world, countries that possess high-class technologically skilled manpower, indigenous capability in state-of-the-art technologies, and a strong ecosystem of innovation and entrepreneurship can only be successful in regulating their economy and social progress. Therefore, STI policy of developing countries should particularly emphasize on human resources development and institutional capacity building for education and training, and research & development in science, technology and innovation; creation of a strong STI driven entrepreneurial ecosystem; and promoting international partnerships including South-South Cooperation and STI diplomacy. The policy should also be able to facilitate a strong linkage between science, strategy and society for equity and social inclusion.

The policymaking approach of importing or tinkering the provisions of policies from other countries before adopting them to local requirements have not borne the desired results. The decision to develop a policy based on peer actions, past and practical experiences of others or even “best practices” might not necessarily be the appropriate mechanisms in bearing the desired fruits locally. A policy must be reflective of local technological capabilities, economic resources, cultures, and contexts in overcoming the domestic problems of a nation. Otherwise, such policies would face implementation difficulties and enforcement issues. In all, a policy must be meaningful, do-able, achieve-able and sustainable.

Policy design, formulation and development are several of the many crucial components of policymaking process. Policy experts have numerously warned that such process is never linear, sequential and the entire process is in no way automatic. The process may vary from countries to countries and the countries in the Global South face significant large gaps in the empirical and conceptual knowledge existing in regard to possible broadening of the scope of STI policies. Many developing countries do not have STI Policies and those that have such Policies face difficulties in implementing the same. Therefore, it is vital for any developing country to have a strategically designed Science, Technology and Innovation (STI) Policy and its implementation management commensurate with the challenges of the globalizing society. Further, in many developing countries, STI policies do not adequately address the needs of the local industry, economic conditions and also lack trained or skilled personnel who are knowledgeable in developing STI Policy and its subsequent implementation.

Acknowledging the roles and functions of STI and Policy in technological, social and economic development, and recognizing the needs for policymakers to understand, view and link STI as a

continuum in socio-technological and economic development of a nation, and that there is a need to improve the knowledge about STI Policy amongst public, private and policymakers, the **International Science, Technology and Innovation Centre for South-South Cooperation (ISTIC) under the Auspices of UNESCO**, in collaboration with the **Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre)** have taken the initiative to jointly organize an International Training Programme on ‘**STI Policy Making for Socio-economic Development in the Global South-2023**’ in **Kuala Lumpur, Malaysia** during **6 - 8 June 2023**.

OBJECTIVES

- To have knowledge about the concept of Policy, STI for Policy and Policy for STI
- To have knowledge and appreciation for the roles of government and science, technology, innovation continuum in STI Policy for socio-economic development and growth
- To have knowledge about policymaking process
- To see the differences between theory and real practice of policymaking

EXPECTED PROGRAMME OUTCOMES

Ability to:

- Correct the misconception of policy
- Explain the real concept of Policy, STI for Policy and Policy for STI
- Link the STI continuum
- Use STI Policy for socio-economic development
- Describe the policymaking process and methods for national socio economy development
- Use knowledge on policymaking process in initiating STI policy appropriately

Skills

- Research skills
- Policy research skills
- Data analysis
- Critical thinking
- Team work
- Presentation and communication
- Leadership

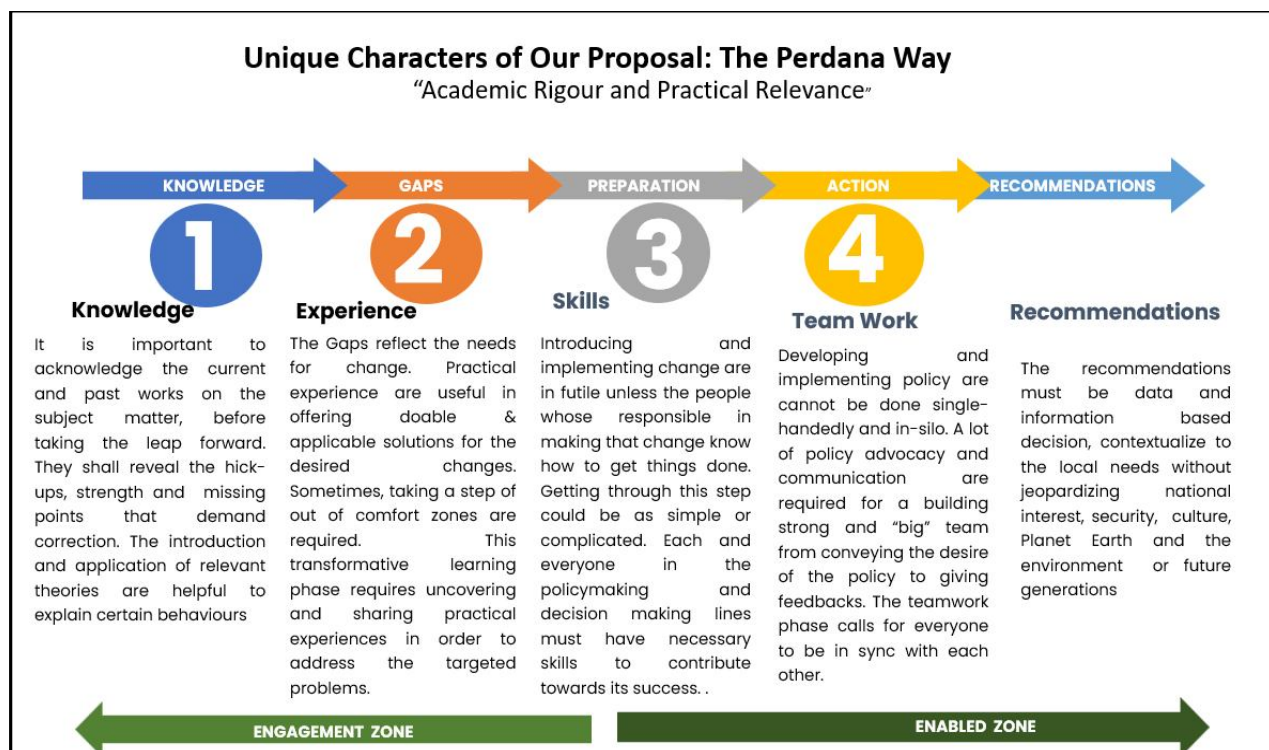
DURATION OF PROGRAMME

3 working days

PROGRAMME CONTENT

The program is developed by UTM together with experts from STIP Consultants based on their years of experiences in teaching, research, publications and other works related to STI Policy.

- Below are the descriptions of the approaches adopted by UTM Perdana Centre in conducting the training, basing on the belief that the content of the training must reflect academic rigour and practical relevance



Items	Items
Title	STI Policy Making for Socio-Economic Development in the Global South-2023
Duration	3 days
Max. no	Max- 30 pax
Target Group	Those who are interested to develop / build a professional career in the field of STI policy
Academic Background	At least a basic degree
Working Experience	At least 3 years working experience in areas related to STI policy and policy management
Method	Physical
Approach	40 % lecture. 60% hands-on
Activity	Individual Work
	Group work
	Group presentation
Output	Final presentation, write up
Outcomes	Knowledge & skills, certificate of attendance

ISTIC-NAM S&T Centre Programme on: “STI Policy Making for Socio-Economic Development in the Global South”

KNOWLEDGE COMPONENT

MODULE NO.	TOPIC
Module 1	Understanding Policy
Module 2	Understanding STI
Module 3	Understanding Socio-Economic Development
Module 4	Linking the Role of Government and STI in Socio-Economic Development
Module 5	Understanding STI Policy: Policy for STI
Module 6	Understanding STI Policy: STI for Policy
Module 7	Experiencing Policymaking: Ideal Policymaking
Module 8	Experiencing Policymaking: Real Practice of Policymaking

MODE OF DELIVERY

The training course will be delivered through:

- Formal Lectures
- Group Activities, FAQs
- Hands on Exercise and discussions
- Inter- group Discussions, findings and Video Presentations
- Summary and take-home points
- Presentation -Group presentations

PARTICIPANTS

The programme is suitable for those who are interested in building their future and professional career in policy. The course is specifically suitable for those who want to know about the methodology, process, steps and models of policy making process and how STI Policy could be utilized for socio-economic development. Any academic background or level of experience is

welcome. The program also welcomes senior policymakers and top management personnel to join in as part of refreshing exercise and exchange of ideas and experiences.

English will be the official language of the programme.

Upon completion of the training course, participants will be awarded with certificates issued by the ISTIC.

SUBMISSION OF APPLICATIONS

- **Applicants from NAM S&T Centre Member Countries (except Malaysia)**

Candidates should submit their applications **electronically** to the Director General, NAM S&T Centre, New Delhi at namstcentre@gmail.com as early as possible but latest by **15 May 2023**.

Eligibility: Scientists, researchers and policy makers having academic qualification of at least M.Sc. or equivalent and engaged in STI Policy and implementation.

The following documents must be submitted as e-mail attachments:

- a) Filled in Application Form.
- b) Opinion (a short paragraph; **in MS Word format**) how you qualify to participate in the Training Programme.
- c) A short CV (**maximum two pages; in MS-Word format**).
- d) A short write up (**in MS-Word only**) on the Country Status on the programmes related to STI Policy and Management.
- e) Copy of the relevant pages of passport.

Note: The documents (b), (c) and (d) above must be in **MS-Word format** only; PDF or image files will not be accepted. Hard copies of the Application Form and the above attachments are **NOT REQUIRED** to be submitted.

- **Applicants from other developing Countries and Malaysia**

Applicants are urged to use online application. The link to the Google Forms - <https://forms.gle/PiKx63wh46aGgbTu7>

IMPORTANT DATES

ACTIVITY	DATES
Date of the Program	June 6-8, 2023
Submission of Application Starts	April 21, 2023
Last Date for Submission of Applications	May 15, 2023

TENTATIVE PROGRAMME SCHEDULE

Day 1 (06.06.2023)	
UNDERSTANDING POLICY, STI AND SOCIO-ECONOMIC GROWTH AND ROLE OF GOVERNMENT	
8.30am - 9.00 am	<i>Registration</i>
9.00 am – 9.30 am	Opening Ceremony
9:30 am – 10:30 am	Module 1: Understanding Policy
10:30 am – 10:45 am	<i>Coffee Break</i>
10:45 am – 11:45 am	Module 2: Understanding STI
11:45 am - 1:00 pm	Module 3: Understanding Socio-Economic Development
1:00 pm – 2:30 pm	<i>Lunch</i>
2:30 pm - 4:30 pm	Module 4: Linking the Role of Government and STI in Socio-Economic Development
4:30 pm – 4:45 pm	<i>Tea- break</i>
4:45 pm - 7:00 pm	Group Discussion

Day 2 (07.06.2023)	
UNDERSTANDING STI POLICY AND EXPERIENCING POLICYMAKING	
8.30 am - 9.00 am	<i>Registration</i>
9:00 am – 10:30 am	Module 5: Understanding STI Policy: Policy for STI
10:30 am – 10:45 am	<i>Coffee Break</i>
10:45 am – 11:45 am	Module 6: Understanding STI Policy: STI for Policy
11:45 am - 1:00 pm	Module 7: Experiencing Policymaking: Ideal Policymaking
1:00 pm – 2:30 pm	<i>Lunch</i>
2:30 pm - 4:30 pm	Module 8: Experiencing Policymaking: Real Practice of Policymaking
4:30 pm – 4:45 pm	<i>Tea- break</i>
4:45 pm - 7:00 pm	Group Discussion for Day 3 Presentation
Day 3 (08.06.2023)	
GROUP PRESENTATION AND EVALUATION	
8.30 am - 9.00 am	<i>Registration</i>
9.00 am – 9.30 am	Group 1 Presentation and Evaluation
9:30 am – 10:00 am	Group 2 Presentation and Evaluation
10:00 am – 10:30 am	Group 3 Presentation and Evaluation
10:30 am – 11:00 am	Group 4 Presentation and Evaluation
11:00 am - 11:30 am	Group 5 Presentation and Evaluation

11:30 am – 12:00 pm	Group 6 Presentation and Evaluation
12:00 pm - 12:30 pm	Group 7 Presentation and Evaluation
12:30 pm – 1:00 pm	Group 8 Presentation and Evaluation
1:00 pm – 2:00 pm	Closing and Prize Giving Ceremony
2:00 pm	<i>Lunch and End of Course</i>

NOTE:

Number of participants	30 / 40 max
No. of groups	6 if total number of participants is 30 8 if total number of participants is 40
No of group members	5 max per group
UN SDGs 2016	Each group has to choose 1 SDG target
Presentation	Q&A: 20 + 10
Materials	Participants will have to watch accompanying videos before coming to the course as basis for the course
Evaluation	By an appointed panel

SELECTION OF APPLICANTS

Selection of applicants will be made based on their academic and professional backgrounds. Successful applicants will be electronically informed about their selection.

FINANCIAL ARRANGEMENTS FOR INTERNATIONAL TRAVEL

The financial terms and arrangements for international travel of foreign participants will be conveyed to individual applicants on receipt of the Application and other documents.

LOCAL HOSPITALITY

Local hospitality in Malaysia including accommodation, meals and local transport for the foreign participants sponsored by the NAM S&T Centre will be provided from **5th June, 2023 (Noon) to 9th June, 2023 (Noon)** [i.e. from one day before to one day after completion of the Training Programme]. The participants will have to make their own arrangements of stay beyond these dates.

ENTRY FORMALITIES AND IMMIGRATION

Participants of the Training programme must be in possession of a current passport or any other internationally recognized travel document, which must have a period of validity of at least six months beyond the period of stay in Malaysia and must be endorsed for travel to Malaysia.

Participants should have a valid visa for entry into Malaysia. The Malaysian diplomatic mission located in the country of the participant should be approached for obtaining an entry visa. For a large number of countries, however, online visa application is required. If required, the organizers will facilitate the issuance of visa by providing the participants with an official letter of invitation.

- **NOTE:**

The governments / institutions of the selected participants will be required to bear the following costs:

- All expenses in the home country incidental to travel abroad, including expenditure for passports, required medical examinations, vaccinations and miscellaneous expenses such as internal travel to the airport of departure in the home country.
- Salary and other related allowances for the participants during the period of the Training Programme.
- Cost of medical insurance to cover the period of participation in the Training Programme.

The organizers of this Training Programme will not assume responsibility for the following expenditure in connection with the participant's attendance in the programme:

- Expenses incurred with respect to any insurance, medical bills or hospitalization fees.
- Compensation in the event of death, disability or illness of participants.
- Loss of personal belongings or compensation for damage caused to them by climatic or other conditions.
- Other costs, including airport tax and excess baggage.

SECRETARIAT & ENQUIRIES

International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC), 902-4, Jalan Tun Ismail 50480 Kuala Lumpur, Malaysia Tel: +603-2694 9898 ext. 112 Fax: +603-2698 4549 Email: azimnoor@istic-unesco.org Website: http://www.istic-unesco.org	Centre for Science & Technology of the Non Aligned and Other Developing Countries (NAM S&T Centre), Core – 6A, 2 nd Floor, India Habitat Centre, Lodi Road, New Delhi – 110003, India Tel: +91-11-24645134; 24644974 Fax: +91-11-24644973 Email: namstcentre@gmail.com Website: www.namstct.org
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ABOUT THE ORGANISERS

NAM S&T CENTRE

The *Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre; www.namstct.org)* is an Inter-Governmental Organization with a Membership of 47 countries spread over Asia, Africa, the Middle East and Latin America. The Centre was set up in 1989 in New Delhi, India, based on decisions taken during various NAM Summits and mandated to undertake a variety of programmes, including organization of workshops, symposiums and training courses and implementation of collaborative projects. It also offers short-term *Research Fellowships* to scientists from developing countries in association with the *Centres of Excellence* in various countries. The Centre also brings out technical books, monographs and other scientific publications in different S&T subjects of interest to developing countries. The Centre's activities provide an opportunity for scientist-to-scientist contact and interactions; familiarizing participants on the latest developments and techniques in the subject areas; identification of the requirements of training and expert assistance; locating technologies for transfer between the Members and other developing countries, and dissemination of S&T information etc. In addition, the Centre encourages Academic R&D-Industry interactions in the developing countries through its *NAM S&T-Industry Network*. Details of NAM S&T Centre are available at www.namstct.org.



INTERNATIONAL SCIENCE, TECHNOLOGY AND INNOVATION CENTRE (ISTIC)

The creation of the International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC) is a follow up of the Doha Plan of Action which has been adopted by the head of States and Government of the Group of 77 and China, during the meeting in Doha, Qatar, from 12-16 June 2005 on the occasion of the Second South Summit of the Group of 77. The Summit urged UNESCO to develop and implement a programme for South-South Cooperation in Science and Technology with the objective of facilitating the integration of a developmental approach into national science, technology and innovation policies, capacity building in science and technology through providing policy advice and exchange of experience and best practices, and creating a problem solving network of Centres of Excellence in developing countries as well as supporting the exchange of students, researchers, scientists and technologists among developing countries. ISTIC will act as an international platform offering sustainable programmes and services in producing holistic talents towards institutional excellence, and augmenting sustainable development for South-South Cooperation. Details of ISTIC are available at www.istic-unesco.org.



CENTRE FOR SCIENCE AND TECHNOLOGY OF THE NON-ALIGNED AND
OTHER DEVELOPING COUNTRIES
(NAM S&T CENTRE)

INTERNATIONAL TRAINING PROGRAMME

ON

**STI POLICY MAKING FOR SOCIO-
ECONOMIC DEVELOPMENT IN THE
GLOBAL SOUTH- 2023**

**June 6-8, 2023
Kuala Lumpur, Malaysia**

APPLICATION FORM

PLEASE TYPE OR USE BLOCK CAPITALS (NO COLUMN
SHOULD BE LEFT BLANK)

PHOTO

SECTION -A

(To be filled in by the nominee)

- 1 Name (Prof/Dr/Mr/Mrs/Ms):
(*As in Passport*)
2. Father's/Spouse Name:
- 3 Designation (Position held):
4. Nationality:
- 5 Date of Birth: Place of Birth (City) (Country).....
- 6 Passport No:Place of issue:
Date of Issue: Valid up to:
(Please attach copies of the relevant pages of your Passport)
- 7 Name of the Parent Institution (Employer):
Full Address (Office):
.....

- Phone: E-mail:.....
- 8 Full Address (Home):

 Phone: Mobile:
 E-mail:
- 9 Educational Qualifications: Highest Degree.
 Year of Award: University:
 Field of Study:
- 10 Brief Bio data (CV):
 (**Maximum two pages, in MS-Word**; to be prepared in enclosed Format)
- 11 A short write up (in MS-Word only) on the Country Status on the programmes related to STI
 Policy and Management.
 (**About 500 Words, in MS-Word**; to be attached on separate sheet)
- 12 What in your opinion qualifies you for participation in this Training programme?
 (To be attached on separate sheet)
- Date: Signature:

SECTION –B: ENDORSEMENT BY THE NOMINATING AUTHORITY

(The Applicants from a member country of the NAM S&T Centre must get the Nomination Form endorsed by the Focal Point of the Centre in their country if they wish to take advantages extended to the official nominee of the country. For the list of member countries and names/ addresses of the Focal Points please visit the Centre’s official website; www.namstct.org.)

Signature:
 Name (in full):
 Designation:
 Date:

SEAL

Enclosures:

- a) Opinion (a short paragraph; **in MS-Word format**) how you qualify to participate in the Training Programme.
- b) A short CV (**maximum two pages; in MS-Word format**).
- c) A short write up (**in MS-Word only**) on the Country Status on the programmes related to STI Policy and Management.
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OTHER DEVELOPING COUNTRIES
(NAM S&T CENTRE)

INTERNATIONAL TRAINING PROGRAMME

ON

**STI POLICY MAKING FOR SOCIO-
ECONOMIC DEVELOPMENT IN THE
GLOBAL SOUTH- 2023**

**June 6-8, 2023
Kuala Lumpur, Malaysia**

CURRICULUM VITAE

1. Personal Details:

Name: (Prof./Dr./Mr./Mrs./Ms.)

Designation: Position Title

Present Employer: Full Address (Office)

City/State/Province:

Country:

Nationality:

Date of Birth: dd/mm/yyyy

Proficiency in English Language:

Permanent Address: Full Address (Home)

Gender:

Contact: Mobile:

Telephone Office:

E-mail:

Fax:

Alternative e-mail:

2. Academic Qualifications: In chronological order

Qualification Awarded Degree/Diploma/Certificate	Major Subject	University/ Institution	Year (From-To)

3. Professional Experience: In chronological order

Organisation/ Institution	Position Title	Year (From-To)	Nature of duties

Total number of years of relevant experience –

4. Research Experience: In chronological order

Research Title	Duration	Status

5. Administrative Experience: Not more than 100 words

6. Experience with respect to the title of the Workshop:

7. Details of Awards/Recognitions (if any):

8. Any other information: Not more than 50 words

9. Recent Publications: Only five recent publications to be mentioned
