

# The Inaugural Asia-Pacific Innovation Forum Tehran, Iran | 10-12 June 2019

Capacity building for Science and technology  
in the Global South - the ISTIC Experience and  
Science and technology for the advancement  
of women

**Sharifah Maimunah Syed Zin**  
Director of ISTIC





United Nations  
Educational, Scientific and  
Cultural Organization

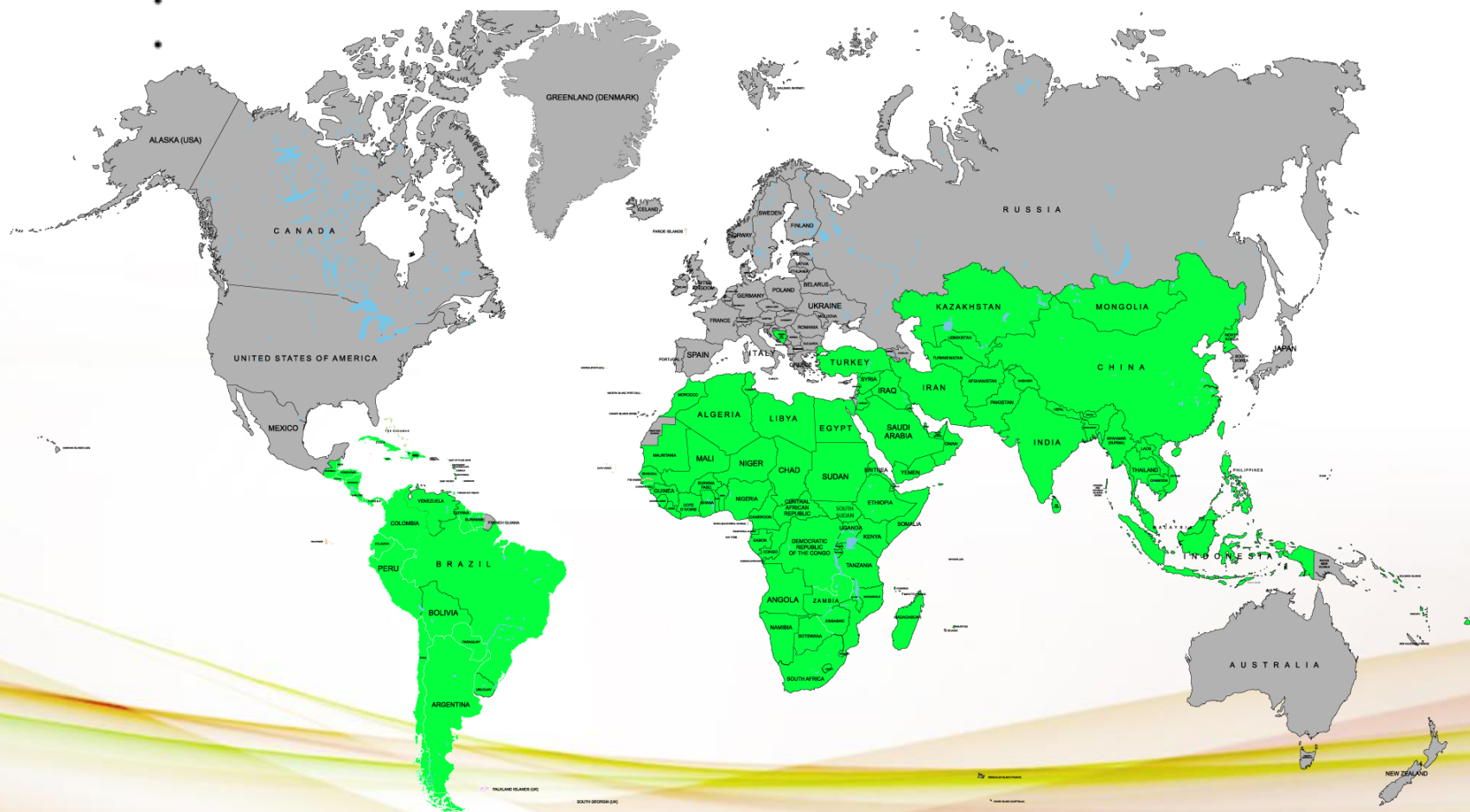


# ISTIC

INTERNATIONAL SCIENCE, TECHNOLOGY AND  
INNOVATION CENTRE FOR SOUTH-SOUTH  
COOPERATION UNDER THE AUSPICES OF UNESCO



**KEMENTERIAN TENAGA, SAINS, TEKNOLOGI,  
ALAM SEKITAR DAN PERUBAHAN IKLIM**  
MINISTRY OF ENERGY, SCIENCE, TECHNOLOGY, ENVIRONMENT & CLIMATE CHANGE



# ISTIC Priority Agenda



Under the Overarching Framework of UN Sustainable Development Goals (SDG) and WSSD WEHAB (Water, Energy, Health, Agricultural and Biodiversity Management), ISTIC has emphasized on Institutional and Human Resources Capacity Building in South Countries.

## ISTIC Priority Agenda:

- **Science Technology and Innovation Policy (STI)**
- **Inquiry Based Science Education (IBSE) and Science, Technology, Engineering and Mathematics (STEM) Education;**
- **Women in STI;**
- **Maintenance of Infrastructure;**
- **Technopreneurship;**
- **Digital Technology.**

## Relevant SDGs





# MISSION, VISION & OBJECTIVES

An international platform for South-South Cooperation in science, technology and innovation (STI)



Adopt and implement science, technology and innovation to drive socio economic development towards nation building by developing countries.

Exchange information

OBJECTIVES

Link academia and industry to facilitate information transfer between the public and private sectors, and the development of well-planned and relevant knowledge-based industries

Build capacities of scientists, technologists and innovators, policy-makers from countries in the South

Address common and specific problems faced by developing countries to set up knowledge-based enterprises in advanced technologies



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## OUR ACTIVITIES

Programme  
based on Priority Agenda

Collaboration with  
strategic partners

Expert advice



Annual Reports  
Successful innovations

Translation of Resources  
Mirror-website  
[www.istic-ibse.org](http://www.istic-ibse.org)

ISTIC-TWAS Competition  
Successful Innovation in  
Science & Technology in  
Developing Countries

Briefing to Permanent  
Delegations to UNESCO

Website  
[www.istic-unesco.org](http://www.istic-unesco.org)

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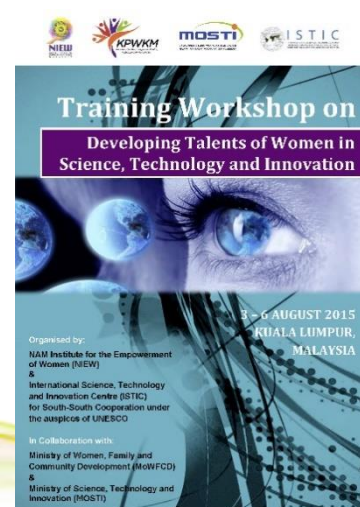
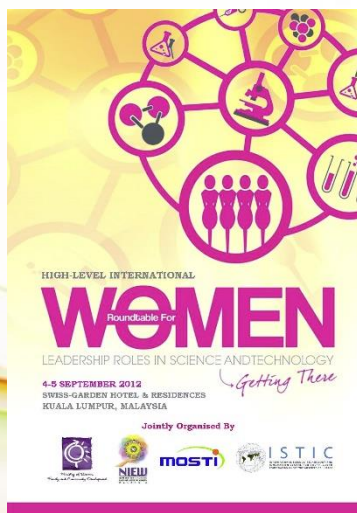
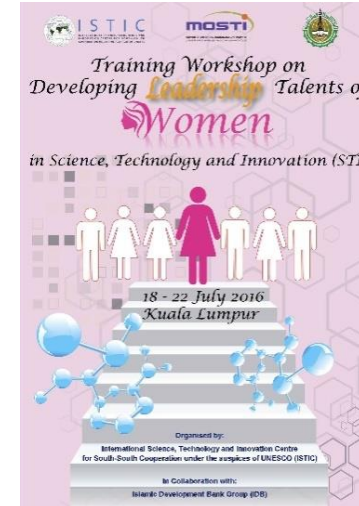
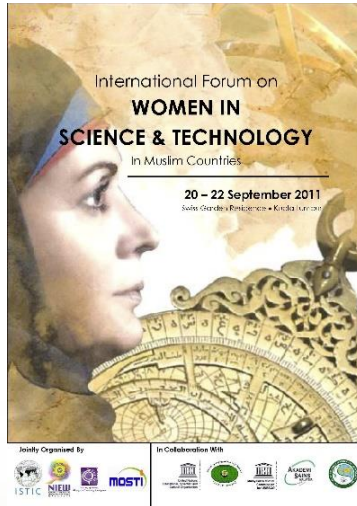


# Women & SDG





# Capacity Building Programmes for Women in STI



# ISTIC Programmes

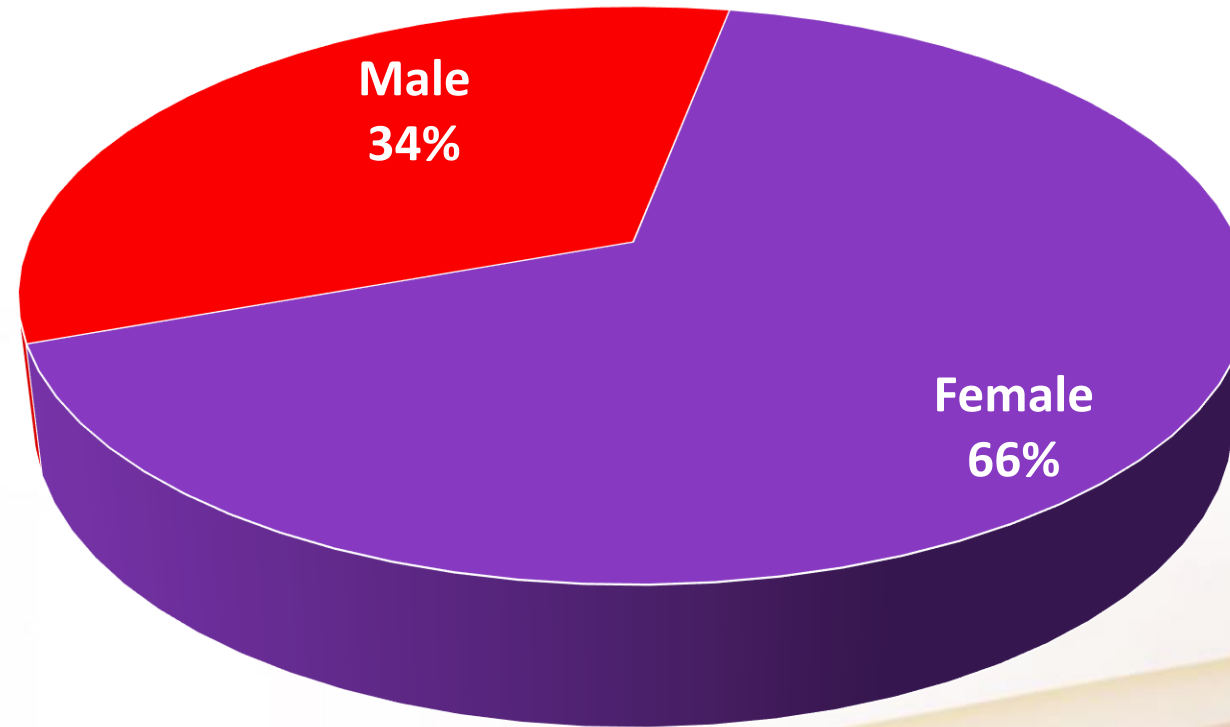
## June 2009 - March 2019



Agenda	Programmes	Participants	Countries	Partners
STI Policy	22	740	85	KISTEP; PAPC; MESTECC; ISESCO; IDB; UTM, NAM S&T Centre
Women in STI	7	688	55	UNESCO; UN Women; MoWFCD; NIEW; MESTECC; ISESCO; IDB
IBSE / STEM	18	748	56	LAMAP; RECSAM; FUS; IAP SEP Global Council; MOE; Malaysia NatCom; QITEP in Science
Maintenance of Infrastructure	11	381	30	ESCI; IEM; CIDB; EBK; ERBT; COREN
Technopreneurship	17	469	71	USAINS; ISESCO; IDB; TWAS; FUS; KISR; CARISCIENCE; NCSTE; MTDC; YACHAY; IRIS; ISTT
Digital Technology	2	44	19	IKCEST, MIMOS, CAE, CARISCIENCE
Briefings to G77 / UNESCO	4	175	60	Permanent Delegation of Malaysia to UNESCO & UNESCO Paris
ISTIC 5 <sup>th</sup> Anniversary Conference	1	250	87	MESTECC; MOE; NatCom; IEM; USAINS; IDB, ASM
ISTIC 10 <sup>th</sup> Anniversary International Conference	1	127	20	MESTECC; IAP SEP; NatCom; FRENCH EMBASSY;
	<b>84</b>	<b>3533</b>		

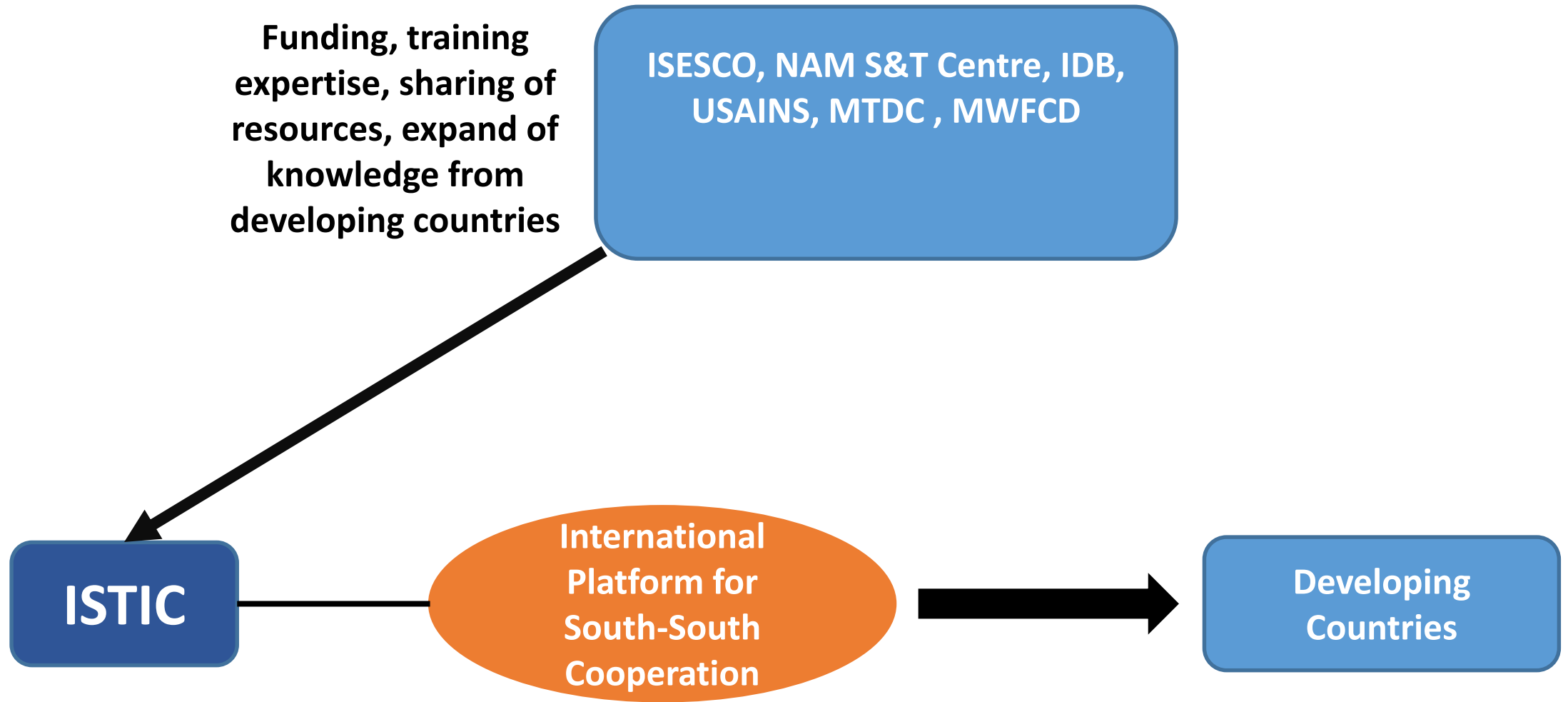
# Participation by Gender (2014-2019)

Male	Female
553	1094

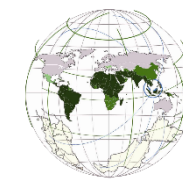




# The Flow of South – South Cooperation



# ISTIC'S PROGRAMMES FOR WOMEN IN MIDDLE LEVEL MANAGEMENT



ISTIC  
INTERNATIONAL SCIENCE, TECHNOLOGY AND  
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Training Workshop on Developing Leadership skills for Women in STI



Training Workshop on Technopreneurship



International Forum on Harnessing Women's Talents in Science, Technology and Innovation"  
25-26 May 2015



3rd Biennial International Conference on Women in Science, Technology and Innovation: Innovative Solutions by Women in STI for UN Sustainable Development Goal 2016-2030  
15-16 May 2017



# ISTIC's Strategic Partners (68)





# South-south Cooperation

## CONCLUSION

- Vehicle for knowledge sharing
- Enables countries to apply lessons taken directly from experience of others to inform own policies and programmes
- ISTIC as a platform for south-south cooperation

# THANK YOU

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