

Preliminary Programme, Day 1

Tuesday 30 May 2017

9:30-10:30		Opening Session
		<i>The conference will be opened by the IAEA DG. High level dignitaries will give statements.</i>
11:00- 12:30		Session 1: The Evolution of the IAEA's Technical Cooperation (TC) Programme
Objective	<i>The objective of this session is to set the stage for the conference, with particular emphasis on how the IAEA's TC Programme has contributed to the establishment of national nuclear infrastructure and capabilities in support of national development priorities.</i>	
Film	The History and Evolution of the IAEA's Technical Cooperation Programme	
IAEA	TC Programme Features and Trends	
Member States' Journey with the TC Programme: Achievements and Impacts		
Keynote speakers	High level speakers from the regions of Africa, Asia and the Pacific, Europe and Latin America and the Caribbean.	
12:30-13:30		Lunch
13:30-17:00		Session 2: The IAEA TC Programme: Contributing to Member States' National Development
Objective	<i>The session will present Member State experiences in leveraging the support of the TC Programme to address pressing developmental challenges. Through six sub-sessions, the focus will be on the impact of nuclear science and technology in key thematic areas, including human health and nutrition, food and agriculture, water and the environment, radiation technology, energy and safety, linking IAEA support in these sectors to sustainable development.</i>	
13:30-14:30		Human Health and Nutrition
IAEA	Overview of Nuclear Applications in Human Health and Nutrition	
Speaker 1	Improving Infant and Mother Nutrition	
Speaker 2	Enhancing Cancer Management	
Speaker 3	Safe Cancer Treatment with Radiotherapy	
Speaker 4	Tissue Grafting for Human Health	
		Panel discussion
14:35-15:35		Food Security
IAEA	Overview of Nuclear Applications in Food and Agriculture	
Speaker 1	Increasing Crop Production	
Speaker 2	Improving Livestock Production Through Artificial Insemination	
Speaker 3	Breeding New Crop Varieties to Support Food Security	
Speaker 4	Enhancing Fruit and Vegetable Quality Through Pest Control	
		Panel discussion
16:00-17:00		Clean Water and Environment
IAEA	Overview of Nuclear and Isotopic Techniques for Water and Environmental Management	
Speaker 1	Evidence-based Water Resource Management	
Speaker 2	Protecting our Oceans from Harmful Algal Bloom	
Speaker 3	Climate Change and its Impact on Water Resources	
Speaker 4	Optimizing Water Resource Development	
		Panel discussion

2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND









17 PARTNERSHIPS FOR THE GOALS



Preliminary Programme, Day 2

Wednesday 31 May 2017

9:00- 10:00		Innovative Solutions in Industry	
IAEA	Overview of Nuclear Applications in Radiation Technology		
Speaker 1	Quality Control and Inspection of Oil Pipelines through Non Destructive Testing		
Speaker 2	Innovative Solutions for Waste Water Treatment		
Speaker 3	Fostering Industrial Development through Radiation Technology		
Speaker 4	Supporting Human Health through Radiopharmaceutical Production		
	Panel discussion		
10:00-11:00		Energy Planning and Nuclear Power Infrastructure	
IAEA	Overview of Nuclear Energy		
Speaker 1	Sustainable Energy Development		
Speaker 2	Building National Capabilities for Managing Nuclear Power Programmes		
Speaker 3	Supporting Safe Operation of Nuclear Power Plants		
Speaker 4	Capacity Building for Nuclear Power Life Extension		
	Panel discussion		
11:30-12:30		Radiation and Nuclear Safety Infrastructure	 
IAEA	Overview of Radiation and Nuclear Safety		
Speaker 1	Supporting the Establishment of Radiation Safety Infrastructure		
Speaker 2	Supporting Radiation Safety for Occupational Exposure		
Speaker 3	Promoting Nuclear and Radiation Safety		
Speaker 4	Safely Managing Radioactive Waste		
Speaker 5	Upgrading Regulatory Infrastructure		
	Panel discussion		
12:30-13:30		Lunch	
13:30-17:00		Session 3: Taking a Regional Approach: Cooperation on Common Development Issues	
Objectives	<i>Session 3 will present the TC regional programme approach to addressing common issues. Discussions will focus on the advantages and modalities of regional cooperation, how the IAEA and Member States can enhance regional cooperation for better delivery of the TC programme, and the role of South-South and North-South cooperation towards sustainability.</i>		
IAEA	IAEA Modalities and Initiatives for Regional Cooperation		
Speaker	Africa: Addressing Water Scarcity		
	Panel discussion		
Speaker	Asia and the Pacific: Integrated Strategies for Urban Air Quality Improvement		
	Panel discussion		
Speaker	Europe: Remediation of Radiation Contaminated Lands		
	Panel discussion		
Speaker	Latin America & the Caribbean: Regional Efforts to Combat Zika Virus		
	Panel discussion		
Speaker	Global Initiative: Supporting Human Capacity Building and Education through Regional Efforts: The SESAME Project		
	Panel discussion		

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PARTNERSHIPS FOR THE GOALS



Preliminary Programme, Day 3

Thursday 01 June 2017

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9:00-12:00	Session 4: Global Partnership for Sustainable Development 
Objective	<i>This session will showcase TC collaborative modalities for helping Member States build partnerships with development organizations for mutual growth. In this session, the focus is on the achievements of the TC programme in forging partnerships with UN and other development bodies for more efficient delivery.</i>
Presentation 1	Typical examples of partnerships drawn from the TC Programme, including: <ul style="list-style-type: none"> • Eradication of Rinderpest • Addressing Food Value Chain
Presentation 2	Partnering to Fight Cancer: The PACT Model of Partnership Building
Panel 1	Partnership in the TC Programme: Some Trends
Keynote presentation	New Dimensions of Global Partnerships
Case study	Examples of Public-Private-Partnership in supporting the Sustainable Development Goals (SDGs)
Panel 2	Innovative Partnerships for the Future
12:00-13:30	Lunch
13:30-15:00 Session 5: Beyond the Horizon: Paving the Way to the Future 	
Objective	<i>This high level panel will look to the future, including the measures and actions to contribute to the SDGs, building on previous achievements and taking into account past lessons and best practices.</i>
Keynote presentation	Science, Technology and Innovation in Support of Development
Case study	Understanding Climate Change Effects
Panel discussion	Strengthening Member States' Capabilities in Science, Technology and Innovation to Meet their Development Needs
Presentation	TC Approach and Modalities for Supporting MSs to Achieve Sustainable Development
Panel discussion	Looking into the Future: Contributing to the 2030 Agenda for Sustainable Development
15:00-16:00	Closing Session

