

Workshop on Science, Technology and Innovation for the SDGs
Meeting of the IATT and 10-Member group under the TFM in preparation of the Multi-Stakeholder Meeting on Science, Technology and Innovation for the SDGs 2020

Room C1, Vienna International Centre, Vienna, Austria, 3 – 5 February 2020

Co-organized by DESA, UNCTAD, UNOSD, OOSA, and UNIDO.

Programme

Day One: 3 February 2020	
9:00 – 9:40	<i>Registration and coffee</i>
<p><u>Introductory segment</u></p> <p><i>This segment opens the meeting and sets the scene.</i></p>	
9:40 – 9:45	<p>Opening remarks</p> <ul style="list-style-type: none"> HE Ms. Mona Juul, ECOSOC President, and Permanent Representative of Norway to the UN <i>(by video message)</i>
9:45 – 9:55	<p>Welcome remarks</p> <ul style="list-style-type: none"> Ms. Simonetta Di Pippo, Director, UN Office of Outer Space Affairs (OOSA) Mr. Hiroshi Kuniyoshi, Deputy Director General, UNIDO
09:55 – 10:50	<p>Introduction to the Technology Facilitation Mechanism and this meeting</p> <ul style="list-style-type: none"> Mr. Shantanu Mukherjee, Chief, Integrated Policy Analysis Branch, DSDG, Department of Economic and Social Affairs Ms. Dong Wu, Chief, Science Technology and Innovation Policy Section, UNCTAD Ms. Eunhae (Jay) Jeong, Senior Development Management Expert, United Nations Office for Sustainable Development (UNOSD) <p>Keynote presentation: The Global Sustainable Development Report, 2019- <i>The Future is Now: Science for Achieving Sustainable Development</i></p> <ul style="list-style-type: none"> Ms. Katherine Richardson, Professor, University of Copenhagen; Leader, Sustainability Science Centre. <p>Q&A</p>
10:50 – 11:05	<i>Coffee break</i>

11:05-11:20	Guiding remarks by the Co-chairs of the TFM 10-Member Group
	<ul style="list-style-type: none"> • Ms. Agnes Lawrence Kijazi, Director General, Tanzania Meteorological Agency • Mr. Vaughan Turekian, Senior Director at the National Academies of Sciences, Engineering, and Medicine, Washington DC, USA
11:20-11:30	Remarks by STI Forum Co-chair teams
	<ul style="list-style-type: none"> • Ms. Monica Boham, Minister Counsellor, Permanent Mission of Ghana to the UN • Ms. Anat Fisher Tsin, Counsellor for Economic and Social Affairs, Permanent Mission of Israel to the UN
Group photo (11:30 – 11:40)	
11:40 – 13:00	<i>Lunch break</i>
<p><u>Part I: Using science, technology and innovation for accelerating progress towards the SDGs through the GSDR entry points</u></p> <p><i>The substantive sessions of part I follow a similar structure along the six entry points proposed by the GSDR. These entry points also indicate key areas for STI action in support of the achievement of the entire range of SDGs, in particular through addressing trade-offs, realizing synergies and accelerating progress towards the overarching objective of ‘leaving no one behind’. The sessions will be structured as interactive panel sessions followed by Q&A and moderated discussion. A session on the outcomes of regional and other fora will expand on issues from a range of perspectives.</i></p>	
13:00 – 14:15	<p>Session 1: GSDR entry points: (i) human well-being and capabilities, and (ii) transition to sustainable and just economies</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Mr. Paulo Gadelha, Coordinator of the FIOCRUZ Strategy for the 2030 Agenda, Oswaldo Cruz Foundation (FIOCRUZ), Brazil [Moderator] • Ms. Ana Persic, Section Chief, UNESCO <p>Speakers:</p> <ul style="list-style-type: none"> • Ms. Eun Mee Kim, Professor, Graduate School of International Studies, Ewha Woman’s University, Republic of Korea and member of the Independent Group of Scientists for the Global Sustainable Development Report, 2019 (video message or written inputs) • Ms. Leena Srivastava, Deputy Director General (Science), IIASA, Austria • Mr. Brian Lutz, Policy Specialist, Human Development Report Office, UNDP <p>Discussants:</p> <ul style="list-style-type: none"> • Mr. Fernando Santiago Rodriguez, Research and Industrial Policy Officer, UNIDO <p><i>STI has the potential to enhance well-being by improving access to education, healthcare and other services, to build resilience and to strengthen individuals’ capabilities to contribute to sustainable development. STI can also help to mitigate trade-offs between economic activities, environmental degradation and social outcomes. But holistic assessments of STI are needed to further these goals, and STI must be pursued and applied in combination with cohesive actions by governments, civil society and the</i></p>

	<p><i>private-sector. This is the only way to ensure that STI is aligned with furthering human well-being, reducing inequalities and promoting sustainable economies.</i></p> <ul style="list-style-type: none"> • <i>What are some of the most important ways STI can contribute to strengthening human well-being and capabilities, and transitioning to sustainable and just economies?</i> • <i>How can STI engage with the interlinkages among SDGs to reduce trade-offs among goals – for example supporting livelihoods while reducing CO2 emissions or reducing cost barriers to healthcare or quality of education? How can STI help to make progress more resilient?</i> • <i>What types of partnerships or actions are needed outside of the science and technology community to ensure STI contributes to furthering human well-being, reducing inequalities and promoting sustainable economies?</i> • <i>What is needed to ensure that STI contributes to improving the well-being and livelihoods of those groups who face discrimination or are at risk of being left behind?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
14:15 – 14:30	<i>Coffee Break</i>
14:30 – 15:45	<p><u>Session 2: GSDR entry point: (iii) food and nutrition</u></p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Ms. Agnes Lawrence Kijazi, Director General, Tanzania Meteorological Agency, Tanzania [Moderator] • Mr. Divine Njie, Deputy strategic programme leader for food systems, FAO <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Robin Fears, Project Coordinator, Inter-academy Partnership (IAP)'s Food and Nutrition Security and Agriculture Report <p>Discussants:</p> <ul style="list-style-type: none"> • Mr. Pierre Boileau, Head, Global Environment Outlook Programme, UNEP • Ms. Katerina Ciampi Stancova, Joint Research Center (JRC), European Commission <p><i>The ways we eat, live and work are defined to various extents by science, technology and innovation, and achieving sustainability in all these areas will require STI-based solutions. The session will look at ways to create and scale up STI solutions to make food production more effective and sustainable and promote improved nutrition.</i></p> <ul style="list-style-type: none"> • <i>The food production system will need to undergo a transformation if the world is to feed the 8.5 billion people who will inhabit it in 2030 without precipitating an environmental collapse. What role will STI play in this transformation?</i> • <i>How can STI help improve the nutritional quality of the human diet, with related health and development improvements, in both developing and developed countries?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>

<p>15:45 – 17:00</p>	<p>Session 3: GSDR entry points: (iv) energy and (v) cities</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Mr. Nebojsa Nakicenovic, Professor emeritus, Technical University of Vienna, Austria [Moderator] • Mr. Victor Konde, ECA, Addis Ababa, Ethiopia <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Keywan Riahi, Director, Energy Programme, IIASA, Laxenburg, Austria • Ms. Eeva Furman, Director, Environment Policy Centre, Finnish Environment Institute and member of the Independent Group of Scientists for the Global Sustainable Development Report, 2019 <p>Discussants:</p> <ul style="list-style-type: none"> • Ms. Katarina Barunica, Industrial Development Officer, UNIDO <p>Written inputs:</p> <ul style="list-style-type: none"> • Mr. Ernani Contipelli, Lecturer, International Business School, The Hague, the Netherlands <p><i>The ways we generate power, live and work are defined to various extents by science, technology and innovation, and achieving sustainability in all these areas will require STI-based solutions. The session will look at ways to create and scale up STI solutions to expand access to energy with an emphasis on renewables and foster sustainable urban development.</i></p> <ul style="list-style-type: none"> • <i>In some respects, the technologies for an energy transition already exist (e.g. large-scale renewable energy), but the adoption of these technologies is unacceptably slow. In other respects, new or improved technologies may be needed—including off-grid solutions to reach communities and individuals currently without access to safe and modern energy. How can STI interventions address both challenges—the need to further disseminate existing technology and the need to invest in research and development for new technologies?</i> • <i>How can STI help ensure that urban transition progresses in the most inclusive and sustainable manner possible? How can STI-based solutions help developing country cities “leapfrog” the resource-intensive, polluting and inequitable pattern set by cities in developed countries? And in the developed country context, how can STI help overcome the obstacles to meaningful change?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
<p>17:00 – 17:15</p>	<p style="text-align: center;"><i>Coffee Break</i></p>
<p>17:15 – 18:30</p>	<p>Session 4: Reflections from related global, regional and sectoral initiatives</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Mr. Vaughan Turekian (USA), Senior Director at the National Academies of Sciences, Engineering, and Medicine, Washington DC, USA. [Moderator] • Ms. Dong Wu, Chief, Science Technology and Innovation Policy Section, UNCTAD

	<p>Roundtable discussion:</p> <ul style="list-style-type: none"> • Ms. Veerle Vandeweerd, Policy Director, Global Sustainable Technology and Innovation Conference (G-STIC), Belgium • Mr. Krishna Ravi Srinivas, Research & Information System for Developing Countries (RIS), New Delhi, India • Mr. Victor Konde, ECA, Addis Ababa, Ethiopia <p>Discussants:</p> <ul style="list-style-type: none"> • Mr. Markus Woltran, Programme Officer, OOSA • Ms. Marta Galambos, UNMGCY representative; and California Polytechnic State University (Cal Poly), in San Luis Obispo, USA • Written inputs from ESCAP, ECE, ECLAC and the Global Solutions Summit <p><i>This session will present several initiatives from across the world that support the science-based, solution-oriented, multi-stakeholder and collaborative approach of the Technology Facilitation Mechanism (TFM) including discussions on broadening their impacts and making them self-sustaining. Since its beginnings in 2016, the STI Forum has attracted a lot of interest, including from academic, NGO and private sector communities that are not typically involved in UN debates. In fact, several thousand people have been engaged so far. In addition, the STI Forum has catalyzed and built cooperation with related, regular conferences and Forums, such as the Global Solutions Summit and the G-STIC Conference series. The UN in collaboration with the Global Innovation Exchange launched a Global Call for Innovations for the Sustainable Development Goals (SDGs) for innovators, scientists, entrepreneurs and sustainability change agents worldwide to submit their innovations as workable solutions for sustainable development. The UN Regional Commissions have also prepared regional STI Forums for supporting the Global processes.</i></p> <ul style="list-style-type: none"> • <i>What is the experience from your Conferences/Forums on supporting the science-based, solution-oriented, multi-stakeholder and collaborative approach of the TFM?</i> • <i>What is the best way forward to engage broader participation and support at the national, regional and global levels?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
18:30-20:00	Welcome cocktail (hosted by UNIDO, Mozart room B at VIC)

Day Two: 4 February 2020	
09:00- 10:00	<p><u>Special event session: Space technology applications for the SDGs (Space4SDGs)</u></p> <p>Moderator:</p> <ul style="list-style-type: none"> • Mr. Luc St-Pierre, Chief, Space Application Section, United Nations Office for Outer Space Affairs <p>Speakers:</p>

	<ul style="list-style-type: none"> • Ms. Simonetta Di Pippo, Director, United Nations Office for Outer Space Affairs • Mr. Ferhat Fikri Özeren, Deputy Director General, Department of Strategic Planning and Program Management (SP&PM), Asia-Pacific Space Cooperation Organization (APSCO) • Ms. Mary Ann Kutny, Deputy Director, International and Interagency Affairs Division, NOAA Satellite and Information Service • Ms. Maria-Gabriella Sarah, European Space Agency, Partnerships and Member States Relations • Ms. Nicole Robertson, Permanent Representative of New Zealand to the United Nations and international Organisations in Vienna • Mr. André João Rypł, Chair Committee on Peaceful uses of Outer Space, Botschaftssekretär, Brazilian Embassy in Vienna <p>Q&A</p>
10:00-10:40	<p><u>Special event session: Nuclear technology applications for the SDGs</u></p> <p><i>The IAEA special session provides an overview of how nuclear science and technology can support countries towards achieving the SDGs, offering concrete examples of solutions where nuclear techniques can improve human and animal health, accelerate prosperity and protect the planet.</i></p> <p>Moderator:</p> <ul style="list-style-type: none"> • Mr. Martin Krause, Director, Programming and Coordination, Department of Technical Cooperation, IAEA <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Jean-Pierre Cayol, Departmental Programme Coordinator, Department of Nuclear Sciences and Applications, IAEA • Mr. Aliko Van Heek, Unit Head/Energy, Environment and Economic Analysis, Department of Nuclear Energy, IAEA <p>Q&A</p>
10:40 – 10:50	<i>Coffee Break</i>

<p>10:50 – 12:15</p>	<p>Session 5: GSDR entry point (vi): global environmental commons</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Ms. Agnes Lawrence Kijazi, Director General, Tanzania Meteorological Agency, Tanzania [Moderator] • Mr. Victor Low, Energy and Climate Branch, UNEP, Paris, France <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Nebojsa Nakicenovic, Professor emeritus, Technical University of Vienna, Austria • Mr. Michael Obersteiner, Director, Environmental Change Institute, University of Oxford, UK; Member, International Resource Panel • Mr. Pierre Boileau, Head, Global Environment Outlook Programme, UNEP, Nairobi, Kenya <p><i>STI can provide a toolbox of solutions for protecting the global commons, including key constituents such as the climate, biodiversity and the ocean. This session will focus on new and holistic ways to deploy STI solutions for the global commons.</i></p> <ul style="list-style-type: none"> • <i>What are the most promising STI solutions to safeguard the global environmental commons, and how can these solutions be scaled up?</i> • <i>What are the barriers to developing and deploying STI to address climate change? How can these obstacles be overcome?</i> • <i>How can STI help to address critical threats to biodiversity and what changes in policies and governance structures will help to advance these STI solutions?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
<p>12:15 – 13:30</p>	<p style="text-align: center;"><i>Lunch break</i></p>
<p>12:25 – 13:25</p>	<p>Closed meeting of active members of the IATT Work Stream 9: STI policy frameworks, action plan and roadmaps</p> <p>Discussion of work plan and strategic approach for 2020-2021</p> <p><i>Hosted by UNIDO, Room D2284. Please confirm your participation with Wei Liu.</i></p>
<p>Part II: Cross-cutting STI issues, levers of STI change and national level support</p> <p><i>The sessions of part II explore cross-cutting issues that represent continuing work-streams associated with the STI Forum and that relate to key “levers” of STI change for the SDGs. For selected cases, national progress and prospects will be assessed for the years until 2030. In view of the emerging national support activities, close linkages will be sought with the VNRs and similar national-level strategic plans.</i></p>	
<p>13:30 – 14:30</p>	<p>Session 6: STI for SDG roadmaps and capacity building</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Mr. Michiharu Nakamura, Senior Advisor (Former President), Japan Science and Technology Agency, Japan [Moderator] • Mr. Wei Liu, Sustainable Development Officer, DESA <p>Speakers:</p> <ul style="list-style-type: none"> • H.E. Mr Viktor Nedovic, Assistant Minister, Ministry of Education, Science and Technological Development, Republic of Serbia

	<ul style="list-style-type: none"> • Mr. George Essegbey, Director, Science and Technology Policy Research Institute of the Council of Science and Industrial Research, Ghana. • Mr. Solomon Benor, Director General for Science and Research Affairs, Ministry of Science and Higher Education, Ethiopia <p>Discussants:</p> <ul style="list-style-type: none"> • Ms. Monika Matusiak, Senior Policy Officer, European Commission, Joint Research Centre • Mr Naoto Kanehira, World Bank, Washington DC, USA • Ms. Ana Persic, Section Chief, UNESCO <p><i>The session will take stock of where we are on developing STI roadmaps for SDGs as a policy-making and communication tool for Member States. It will also review the progress on the global pilot programme on STI roadmaps in order to build capacity for and scale up adoption of the Member States’ STI roadmaps for the SDGs. The session will discuss recommendations on how structure and organize a discussion on that topic during the STI Forum.</i></p> <ul style="list-style-type: none"> • <i>What is the status of the work on STI for SDGs Roadmaps, e.g. the guidebook on development of STI roadmaps, and state of deliberation in championing/pilot candidate countries? What institutional mechanisms needed to further engage countries to continuously scan the horizon, analyses the gaps, track progress and inform corrective measures?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
14:30 – 14:45	<i>Coffee Break</i>
14:45 – 16:45	<p><u>Session 7: New and emerging technology clusters and the SDGs</u></p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Mr. José Ramón López-Portillo Romano, Chairman, Q Element Ltd., Mexico [Moderator] • Mr. Richard Alexander Roehrl, Senior Economic Affairs Officer, DESA <p><u>Session 7(a): Emerging technologies and their societal implications</u></p> <p>Speakers:</p> <ul style="list-style-type: none"> • Ms. Ada Yonath, Director and Nobel Laureate, the Helen and Milton A. Kimmelman Center for Biomolecular Structure and Assembly of the Weizmann Institute of Science, Israel • Mr. Jacques Bughin, former Director, McKinsey Global Institute, UK • Ms. Cecilia Ugaz Estrada, Director, UNIDO <p>Discussants:</p> <ul style="list-style-type: none"> • Mr. Mario Castro-Grande, External Affairs Officer, ITU, Geneva • Mr. John Ruane, Senior Agricultural Innovation Specialist, FAO • Ms. Dong Wu, Chief, Science Technology and Innovation Policy Section, UNCTAD <p><u>Session 7(b): Ethical perspectives and initiatives</u></p> <p>Speakers:</p>

	<ul style="list-style-type: none"> • Mr. Dominik Boesl, Professor, Hochschule der Bayerischen Wirtschaft (HDBW); and TechEthics Ambassador, IEEE • Mr. Tian Feng, Dean of SenseTime Intelligent Industry Research Institute (by video message) <p>Discussants:</p> <ul style="list-style-type: none"> • Ms. Marta Galambos, UNMGCY representative; and California Polytechnic State University (Cal Poly), in San Luis Obispo, USA • Mr. Michael Zichy, Professor of Philosophy, University of Salzburg, Austria <p><i>This session will discuss emerging technologies and their impact on the 2030 Agenda. Various emerging technologies such as AI, biotechnology, nanotechnology will be discussed. A second part of the session will address the ethical dimensions related to the development, use and societal impacts of these technologies in the coming years until 2030.</i></p> <ul style="list-style-type: none"> • <i>What have been the results and lessons-learnt from work on this topic in the TFM and beyond?</i> • <i>What are the new disruptive technologies that could change the paradigm in the field and transform the way to reach the SDGs as a whole? What kind of technology and capacity assessments would be needed?</i> • <i>What are the most important social and ethical dimensions and how should they be addressed?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
16:45 – 17:00	<i>Coffee break</i>
17:00 – 18:15	<p>Session 8: Financing and investing in Science, Technology and Innovation for the SDGs</p> <p>Joint introduction by IATT and 10-Member Group alumnus:</p> <ul style="list-style-type: none"> • Mr. Elmer William Jr Colglazier, Senior Scholar, Visiting Scientist, Centre for Science Diplomacy, American Association for the Advancement of Science, Washington DC, USA [Moderator] • Mr. Olivier Combe, Economic Affairs Officer, UNCTAD <p>Speakers:</p> <ul style="list-style-type: none"> • Ms. Eeva Furman, Director, Environment Policy Centre, Finnish Environment Institute and member of the Independent Group of Scientists for the Global Sustainable Development Report, 2019 • Ms. Inger Midtkandal, Science and Technology Counsellor to the Research Council of Norway • Ms. Špela Stres, Head of Innovation and Technology Transfer Center for Jožef Stefan Institute, Slovenia • Mr. Mario Cervantes, Senior Economist, Science and Technology Policy Division, OECD <p>Discussant:</p> <ul style="list-style-type: none"> • Mr. Ludovico Alcorta, Chief Technical Advisor, Ministry of Commerce and Industry, Oman

	<p><i>The session will discuss the existing gaps on financing and investing in Science, Technology and Innovation for the SDGs, including in relation to specific scientific disciplines. It will also explore the solutions, key sources of financing, mechanisms and next steps for to close these gaps, within and across countries. One of the related constraints are limited funds for the TFM activities – as many joint activities are not appropriately included in the participating entities work programmes. Most of the TFM activities including the mandated 10-Member Group and the online platform remain unfunded.</i></p> <ul style="list-style-type: none"> • <i>What kind of financial instruments, investment funds and funding platforms are needed to stimulate institutional and other investors to finance science, technology and innovation for SDGs?</i> • <i>What are the main obstacles to scaling-up the commercial deployment of technologies for SDGs?</i> • <i>What are the effective UN frameworks and mechanisms for engaging with such private sector initiatives?</i> • <i>How could the STI Community raise adequate resources for the TFM of the future?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
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Day Three: 5 February 2020

<p>9:15 – 10:30</p>	<p>Session 9: Empowering underrepresented groups - youth, women – in STI for the SDGs</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Mr. Vaughan Turekian (USA), Senior Director at the National Academies of Sciences, Engineering, and Medicine, Washington DC, USA. [Moderator] • Ms. Ana Persic, Section Chief, UNESCO <p>Speakers:</p> <ul style="list-style-type: none"> • Ms. Marta Galambos California Polytechnic State University (Cal Poly), in San Luis Obispo, USA • Ms. Tracey Elliott, Project Director, Inter-Academy Partnership (IAP) • Ms. Ruba Ishak, Operations and strategy manager, Ground Truth Solutions <p>Discussants:</p> <ul style="list-style-type: none"> • Ms. Miriam Unterlass, Member of the Austrian Young Academy • Mr. Olivier Combe, Economic Affairs Officer, UNCTAD • Mr. Markus Woltran, Programme Officer, OOSA <p><i>In order to be truly transformational, STI solutions must incorporate a wide range of diverse perspectives, including from groups that have traditionally been prevented or discouraged from participating in science and technology. This session will look at strategies and approaches for increasing and deepening the participation of women, young people and other underrepresented groups in STI, both to enrich and enhance STI</i></p>
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	<p><i>for the SDGs in general and also to help ensure that STI for the SDGs includes solutions that promote equity and inclusiveness and address the needs of women, youth and others at risk of being left behind.</i></p> <ul style="list-style-type: none"> • <i>What policies and strategies at the regional, national and institutional level can help encourage the participation of women, youth and other underrepresented groups in STI for the SDGs?</i> • <i>What is the potential role of the United Nations to make STI fields and institutions more inclusive?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
10:30 – 10:45	Coffee Break
10:45 – 12:30	<p>Session 10: Knowledge systems for the SDGs</p> <p>Joint introduction by IATT and 10-Member Group:</p> <ul style="list-style-type: none"> • Ms. Heide Hackmann, Executive Director, International Science Council (ISC), Paris, France [Moderator] • Ms. Ana Persic, Section Chief, UNESCO <p>Session 10(a): Open science and open knowledge systems for the SDGs</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Ms. Natalia Manola, Managing Director of OpenAIRE, Greece • Ms. Heather Joseph, Executive Director SPARC • Mr. Thomas Mboa, Founder of Project SOHA and leader of MboaLab • Ms. Catriona MacCallum, Director of Open Science, Hindawi Ltd. <p>Discussants:</p> <ul style="list-style-type: none"> • Ms. Eeva Furman Finnish Environment Institute and member of the IGS for the GSDR <p><i>Open access to research and knowledge is a critical factor for strengthening the use of evidence in policy-making and ensuring that the wealth of existing knowledge can be used by decision-makers. As we enter the decade of action to achieve the 2030 Agenda, open access to science that can be applied to achieve the SDGs is of particular importance. This session will focus on barriers and opportunities for generating greater access to scientific knowledge for the SDGs as well as risks that must also be considered.</i></p> <ul style="list-style-type: none"> • <i>What is open science and why is open access to knowledge products important for achieving the SDGs?</i> • <i>How can open access strengthen the contributions of STI to achieving the SDGs?</i> • <i>What are some of the main challenges to creating open science systems? Is open access easier to achieve in some contexts than others? Where are the biggest barriers and where is the greatest need for action either geographically or by discipline and application?</i> • <i>Are there examples of successful initiatives for advancing open science? What steps need to be taken to scale up and expand these initiatives? Are there any risks that need to be addressed?</i>

	<ul style="list-style-type: none"> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i> <p>Session 10(b): Technology transfer for the SDGs</p> <p>UN Roundtable:</p> <ul style="list-style-type: none"> • Mr. Maurizio Gazzola, Chief Strategic Solutions; and Head, UNTIL Global Programme, OICT, Vienna • Ms. Ola Zahran, Head, WIPO Coordination Office, New York • Mr. Luc St Pierre, Chief Space Applications Section, OOSA • Mr Raymond Tavares, Industrial Development Officer, UNIDO • Mr. Shaukat Abdulrazak, Director, Division for Africa, Department of Technical Cooperation, IAEA <p><i>The General Assembly resolutions that established and launched the TFM also mandated the STI Forum to provide a venue for the establishment of stakeholder networks and partnerships, “in order to help facilitate development, transfer and dissemination of relevant technologies for the sustainable development goals” (see para 70 of the 2030 Agenda). Technology transfer in its various dimensions has a long history in the UN and international affairs. IPR issues have been a major are of contention and from a number of perspectives some key issues remain unresolved. At the same time, there are many promising new initiatives, models and arrangements that do facilitate access to technology across stakeholders and international borders.</i></p> <ul style="list-style-type: none"> • <i>What are the most important technology transfer activities in the UN system and beyond? What has worked and what has not? What are the key patterns of national and regional differences in trends and needs?</i> • <i>Which new innovative models and arrangements hold the greatest promise for facilitating access to the most crucial technologies needed for the SDG achievement?</i> • <i>How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?</i>
12:30 – 14:00	<i>Lunch break</i>
12:45 – 13:45	<p><u>Closed meeting of active members of the IATT Work Stream 10 (Analytical work on emerging technologies and the SDGs):</u></p> <p>Discussion of work plan and strategic approach for 2020-2021</p> <p><i>Hosted by UNIDO, Room D2186. Please confirm your participation with R.A. Roehrl.</i></p>
Part III: Lessons-learnt and next steps	
14:00 – 15:30	<p><u>Session 11: Lessons learnt (2015-2019), and planning for the STI Forum 2020</u></p> <p><i>The first cycle of the HLPF (and the STI Forum) ended in 2019. This session will draw upon the informal background paper on lessons-learnt from the start-up phase of the TFM. It will look ahead in terms of TFM work and its resourcing and strategic partnerships. There</i></p>

will also be an opportunity for reflecting specifically on the preparations for the STI Forum, 2020, including from the experiences of this workshop.

Joint presentation by IATT and 10-Member Group:

- Mr. Paulo Gadelha, Coordinator of the FIOCRUZ Strategy for the 2030 Agenda, Oswaldo Cruz Foundation (FIOCRUZ), Brazil **[Moderator]**
- Mr. Richard Alexander Roehrl, Senior Economic Affairs Officer, DESA

Interactive roundtable reflections from the 10-Member Group:

- Ms. Agnes Lawrence Kijazi, Director General, Tanzania Meteorological Agency, Tanzania
- Mr. Michiharu Nakamura, Senior Advisor (Former President), Japan Science and Technology Agency, Japan.
- Mr. José Ramón López-Portillo Romano, Chairman, Q Element Ltd., Mexico
- Ms. Heide Hackmann, Executive Director, International Science Council (ISC), Paris, France

Written inputs:

- Mr. Vaughan Turekian, Senior Director at the National Academies of Sciences, Engineering, and Medicine, Washington DC, USA.
- Mr. Huadong Guo, Chairman of Academic Committee, Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences (CAS), China
- Ms. Anne-Christine Ritschkoff, Senior Advisor VTT Technical Research Centre of Finland Ltd.
- Ms. Ada Yonath, Director and Nobel Laureate, the Helen and Milton A. Kimmelman Center for Biomolecular Structure and Assembly of the Weizmann Institute of Science, Israel
- Ms. Špela Stres, Head of Innovation and Technology Transfer Center for Jožef Stefan Institute, Slovenia.
- Mr. Elmer William Jr Colglazier, Senior Scholar, Visiting Scientist, Centre for Science Diplomacy, American Association for the Advancement of Science, Washington DC, USA

Discussants/feedback:

- Ms. Monica Boham, Minister Counsellor, Permanent Mission of Ghana to the UN
- Ms. Anat Fisher Tsin, Counsellor for Economic and Social Affairs, Permanent Mission of Israel to the UN
- Ms. Marta Galambos, UNMGCY representative; and California Polytechnic State University (Cal Poly), in San Luis Obispo, USA

This session will take stock and identify key lessons-learnt from the Technology Facilitation Mechanism (TFM) since its inception in 2015, in order to inform the way forward for IATT and 10-Member Group. It will also draw from other sessions at this meeting.

- *What have been the results and lessons-learnt from the TFM since 2015?*
- *How could the TFM be made even more effective? What are the most important key elements of a strategic way forward?*
- *How could this theme feature in the STI forum, leading to potentially high priority recommendations for action?*

	<ul style="list-style-type: none"> • <i>What are some implications for the STI Forum 2020?</i>
15:30-15:45	Next steps and closing (co-chairs of IATT)
15:45-16:00	Coffee Break
16:00 – 17:00	<p>Closed meeting of IATT and the 10 Member Group: Planning for the TFM work streams and division of labour</p> <p><i>co-lead: DESA and UNCTAD</i></p>

18:00 – 21:00	<p>Closed meeting of active members of the IATT Work Stream 6 on capacity building on STI for the SDGs:</p> <p>In-depth review of WS6’s teaching modules and development of a strategic plan for 2020-2021</p> <p><i>Hosted by UNIDO, Room D2186. Please confirm your participation with R.A. Roehrl.</i></p> <p>DRAFT Agenda</p> <ol style="list-style-type: none"> 1. Welcome 2. Update: Planned workshops and activities 3. Review and evaluation of past capacity building workshops (Amman and Panama).
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6 February 2020

09:00-13:00	<p>Closed meeting of IATT WS6 (continued):</p> <p><i>Hosted by UNIDO, Room D2186</i></p> <p>DRAFT Agenda (continued)</p> <ol style="list-style-type: none"> 4. Review of the training materials (3-day and 5-day courses) 5. Division of labour and conclusion 6. Next steps and strategic priorities for 2020-2021 7. AOB 8. Conclusion and next steps
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