



WSIS/ SDGs Matrix WSIS Forum 2018: Outcomes Linking WSIS Action lines with the Sustainable Development Goals (DRAFT 1.1)







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I. Introduction: WSIS Forum 2018

Leveraging ICTs to Build Information and Knowledge Societies for Achieving the Sustainable Development Goals (SDGs)

The WSIS Forum represents the world's largest annual gathering of the 'ICT for development' multi-stakeholder community and is a global multi-stakeholder platform facilitating the implementation of the WSIS Action Lines for advancing sustainable development.

The WSIS Forum builds upon the outcomes of the UN General Assembly Overall Review of the implementation of the WSIS outcomes (UNGA Resolution 70/125) that recognized the necessity of holding this Forum on an annual basis and called for close alignment between WSIS and the 2030 Agenda for Sustainable Development. In this context, the WSIS Forum will leverage the WSIS-SDG Matrix and serve as a platform for discussing the role of ICTs as a means of implementation of the Sustainable Development Goals, with due regard to the global mechanism for follow up and review of the implementation of the 2030 Agenda (UNGA Resolution A/70/1).

The WSIS Forum is coorganized by the ITU, UNESCO, UNCTAD and UNDP and is organized with the engagement of other United Nations Agencies, including, the World Intellectual Property Organization, the United Nations Department of Economic and Social Affairs, the Food and Agriculture Organization, the International Labour Organization, the International Trade Centre, the United Nations Office on Drugs and Crime, the United Nations Environment Programme, the Universal Postal Union, the World Meteorological Organization, the World Health Organization, the World Food Programme, United Nations Women, the United Nations Children's Fund, the United Nations Industrial Development Organization, the United Nations Institute for Training and Research and the United Nations Regional Commissions.

The Agenda and Program of the WSIS Forum 2018 were designed in collaboration with the multi-stakeholders on the basis of official submissions received during the Open Consultation Process on the thematic aspects and innovations of the format of the WSIS Forum 2018. Involving all WSIS Stakeholders (governments, civil society, private sector entities, academia and international organizations), this process aims to ensure an active participation of different players during the event. The WSIS Forum is the only event of its kind where the Agenda is completely crowdsourced. All stakeholders were invited to contribute their formal inputs towards shaping the themes and format of the WSIS Forum 2018 through the online official submission form and physical meetings. Building on the WSIS-SDG Matrix developed by UN WSIS Action Line Facilitators, a mapping tool was made available to emphasize the linkages between the Action Lines





and the SDGs identified by WSIS Stakeholders in their respective sessions and workshops: <u>http://www.itu.int/net4/wsis/forum/2018/Pages/Agenda/#heatmap</u>,

More than 2500 information and communication technology (ICT) experts and implementation actors contributed to and participated in the recent World Summit on the Information Society (WSIS) Forum 2018 to foster partnerships, showcase innovation, exchange best practices and announce new tools and initiatives to use ICTs to advance the United Nations' Sustainable Development Goals (SDGs). Thousands followed remotely while more than 500 were engaged by intervening remotely. More than 500 high-level representatives of the wider WSIS Stakeholder community graced the Forum with more than 85 ministers and deputies, several ambassadors, CEOs and Civil Society leaders contributing passionately towards the programme of the Forum. More than 250 content rich workshops and open space talks clearly aligned with the WSIS Action Lines and SDGs. More than 30 Exhibition Spaces highlighting innovation and projects from the ground. 18 WSIS Prizes winners and 72 WSIS Prizes champions were acknowledged for their excellent work in implementation of the WSIS Action Lines on the ground. Please read all the outcomes here: https://www.itu.int/net4/wsis/forum/2018/#outcomes.





2. Matrix: WSIS Forum 2018 Session/Workshops Links to the WSIS Action Lines and to the SDGs

The <u>WSIS-SDG Matrix</u> developed by UN WSIS Action Line Facilitators serves as the mechanism to map, analyze and coordinate the implementation of WSIS Action Lines, and more specifically, ICTs as enablers and accelerators of the SDGs. This Matrix builds upon the WSIS-SDG Matrix and provides guidance on the outcomes of the workshops and other sessions held during the forum, emphasizing linkages between the WSIS Action Lines and SDGs as well as highlighting rational for each linkage that has been established. WSIS Stakeholders identified a clear relation and connection between the WSIS Action Lines and SDGs in their respective workshops. Please read the complete document here: <u>https://www.itu.int/net4/wsis/forum/2018/</u>

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Building Vibrant ICT Centric Innovation Ecosystems - Session1: An insight into "ICT- centric economic growth, innovation and job creation"	ITU	
Enabling Policy Environment for Digital Transformation	Business at OECD (BIAC)/OECD	
Challenge-Based Learning for the SDGs	University of Geneva	





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ICT Access and Use in the LDCs, LLDCs and SIDS	ITU & UNCTAD	
Building information foundation for knowledge societies in China	Posts and Telecom Press	
Youth, Access to Knowledge and SDGs: Strategy for Building Youth Skills in Digital Technologies	UNESCO	





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Oral History of the Internet (OHI)	Cheung Kong School of Journalism and Communicati on in Shantou University	1 North Reference Action line	2 750 Sinter Sinter Action Line	3 COOPHEATH AND HELE STREE 	4 CALIFY CONCLIMN		6 CILLAN MATTER AND SAMILATION CONCERNMENT ACTION LINE	7 dizerterer	8 ECENTIVER AN ICCRONE GROWTH ACTION LINE C7 E-DUSINESS	9 MONTH ANGUNATION	10 MEDICEO MECALINES E		12 RESPONDENT ACTION LINE CT ECHILDRE	13 REMARE	14 RELOW MAREN	15 Intraction	16 PARE ACTIVE And Differe Native States Action Line CS	17 Internetation Internetation Internetation Internetation Action Line	ACTION LINE





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Maximizing impact for sustainable development: how core business activities can achieve a multiplier effect through equal opportunity sourcing from women owned businesses.	ITU/ ITC/ UN Women/ WeConnect	1 Partin Artin Action Line C	ACTION LINE	4 BALITY BACTOR ACTION LINE CA	C ALAMBERT A CLAMBERT C ALAMBERT C ALAMBERT A CLAMBERT A CLAM	CENT WORK AND DADADE CARAFTA MARINA DADADE CARAFTA MARINA DATA DE LINE CT ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI INFE CENTROST ACTIONI ACTION	THE 10 MERCED THE 10 MERCENTIAL IN AN THE ACTION LINE CT ACTION LINE CT AC	13 Elmatr Elmatric CT ACTION LINE CT A		MALE ALERIZE ANSTRUMENT STITUTIONE CTION LINE CONTINUE	ACTION LINE CTI
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How to apply and achieve the 17 SDGs in a world where the evolution of technology is exponential and where nearly all social and economic models are disrupted? The key prerequisites, the tools and methodologies, structures and cultures	IFIP, G4, Social IN3	أن ةة،أ <u>ش</u>	2 ZEND MARHELR SUSSE ACTION LINE	-w	4 UMUTY UDICATION ACTION LINE		6 CLEAN WATER AND DAMILICIEN AND CAMPACINE ACTION LINE	7 ATTORNALL AND CLAN LINE CT CLAN LINE CT E-AGRICULTURE	8 DECENT WORK AND COMMUNIC GROWTH ACTION LINE CT E-BUSINESS	9 NOSTIV, ANGULTIN PROMINSTRUCTURE CONTRACTION ACTION LINE C7 E-EMPLOYMENT	(=)	11 SISTANAL CITES	12 RESPONSEL MERINGENER ACTION LINE CT E-HEALTH	13 GLIMATE ACTION ACTION LINE C7 E-LEARNING	14 LEE WE HALER	15 UFE OR LAND ACTION LINE CB	16 PEACE JUSTICE MONITORIA MONITORIT	17 PARTNESSIBPS FOR THE GALAS	ACTION LINE
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Promoting Internet Universality Indicators as a comprehensive tool for achieving SDGs	United Nations Educational, Scientific and Cultural Organization (UNESCO)	1 Morety Trêtrêt	2 mar 3 	-v/•			G CLAN HALT AND LANGED ACTION LINE C6	7 ETRAMATAR TELEVISION	8 ECONTINUES AND ECONOMIC EDUTIN	9 ASCITT ACCIDE MAINFULCTION ACTION LINE CT E-EMPLOYMENT	11 MELANALC COME A COMPANY ACTION LINE C7 ACTION LINE C7 M E-GOVERNMENT		a 13 cinate a action line cr e-LEARNING	14 Hitannatika Hitannatik Hitannatik Hitannatik Hitannatik Hitannatik Hi	15 Interest ACTION LINE	16 PRAFS. ASSINCE ASSISTING ASSISTING ACTION LINE	17 Patriessiers Patriessiers Constant Action Line	ACTION LINE
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The Skills Mismatch: the digital skills employers are looking for	International Telecommuni cation Union (ITU) and International Labour Organization (ILO)	1 Martin Martin Action Line		?	A COLUCY COLUCATION C C ACTION LINE	5 crues course cours	6 CLAMANTE ACCELORIDOR ACTION LINE CG	7 STREAME LAW DATE OF THE OWNER THE OWNER STREAME OF THE OWNER ACTION LINE OF EAGRICULTURE	8 DECENT WORK AND ECONORIC GROWTH CONTACT CONT	9 Statistication 9 Statistication			13 GUMAR 13 ACHOR 10 10 10 10 10 10 10 10 10 10			16 RAG ANDR Addition Keinindox Keinindox Keinindox Action Line CS	17 PARTINESSING PARTINE CALLS ACTION LINE	Action line





2008-2018: A decade of the COP Initiative – Priorities for the future of youth empowerment online	ITU	1 POTERY R + + + + + + + + + + + + + + + + + + +	TRUE 3 COODING AL AVENUE COODING AL AVENUE AND AL AVENUE ACTION LINE ACTION L	HER 4 SOUTH A SOUTH A	5 CONNER CONNERT CONNERT ACTION LINE	6 CEAN WATER AND SAMILATION CONTINUE ACTION LINE	7 ATTORNAL AND CLAAL INSET	8 DECENT HORY AND ECONTRE GENTRE T	9 ROSTIN INCOLUMN ADDIVIDUAL DECIDE	10 MORECO MERCANDINAS ACTION LINE C7 LENVIRONMENT		12 ESPOREE CONTAMPTOR ACTION LINE C7 E-HEALTH	13 CLIMATE ACTUM ACTUM LINE C7 E-LEARMING	14 HELING MARTER	15 Intian ACTION LINE	16 PAGE, ASTICE ANTISTICM REITIDIDAD SCIENCING ACTION LINE CS	17 PARTICISSING FOR THE GUALS	ACTION LINE CII
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Transforming an LDC into a Digital Nation Powered by an Innovation Ecosystem: A story of Development Leapfrogging	Government of the People's Republic of Bangladesh	1 POVERY ACTION LINE ACTION LINE	ACTION LINE			6 REAL MARKET	7 ATTRONAL AND CLAM DENERT	8 ECENTROPIA AND ECONORIC GEORETIC ACTION LINE C7 E-BUSINESS	9 MOST MARKET	10 REDUCTO RECOLUTES	11 SESTAINEE COMMENTES ACTION LINE C7 COVERNMENT		13 SUMATE ACTION ACTION LINE C7 E-LEARNING	14 HELENVIRALER	15 Int.au ACTION LINE	16 MASSING AND STINGS NETITIONS STITUTOS ACTION LINE	17 INFINESSIONES	ACTION LINE





Is Africa ready for a Digital Transformation ?	ACSIS - African Civil Society on the Information Society	1 Marety Artion Line	2 ZERO MINIGER SSSS ACTION LINE	3 GOOD HEALTH AND WELL BONG 	4 CONTINUE	5 CENSER CONTRACTOR ACTION LINE	6 CLEAN WATER AND SAATLATION ACTION LINE	7 MERANARAN CEAN INCOME CONTRACTOR ACTION LINE CT E-AGRICULTURE	8 BEENT WORK AM ECHANNE GRAVITI ECHANNE GRAVITI ECHANNE GRAVITI ACTION LINE CT E-BUSINESS		T 10 REDICED T ACTION LINE CT T E-ENVIRONMENT		12 ESPONSILE AND PRODUCTION AND PRODUCTION ACTION LINE C7 E-HEALTH	13 ALIMATE TABLE ACTION LINE C7 E-LEARNING	14 LEE LEELOW WATER TO ACTION LINE CT E-SCIENCE	15 UFE ON LAND	16 PRAFE ARCTICATE ACTINITION ACTION LINE	17 PARTNERSHIPS FOR THE COULS FOR THE COULS FOR THE COULS ACTION LINE	ACTION LINE
The Need for An Evidence-Based Approach to Tackle the Gender Digital Divide	EQUALS Global Partnership for Gender Equality in the Digital Age	1 Nuar Àstàt	2 REAL	CONSIGNATION And RELEASED ACTION LINE	4 BULLIY DI I ACTION LINE		6 CLAM WATER AND DANICOR	7 STRUCTURE AND CLASSIFIC AND CLASSIFIC AND CLASSIFIC AND	8 BERNINGE AND ERRANG CONTR ACTION LINE GT E-BUSINESS	9 KONTO ACCARDA SER MALTICACINE CONTACTOR CONT	10 MORES		12 ESCRIPTION RECORDING RECORDIN RECORDINO RECORDINO RECORDINO RECORDINO RECORDINO REC	13 cumate Articos Action Line C7 E-LEARNING	14 UR ELIGN INCOR	15 of Lass	16 FOR ANTICOME	17 PATTNESSAR FOR THE CAUSE CONTINUE ACTION LINE	ACTION LINE
Promotion of the ideals and principles of the United Nations among the youth	GIMUN	1 Notary Attent	2 man sector CZA	3 RECORRENTS MAY WHEN POSE AND WHEN POSE ACTION LINE C3 LINE	4 escator	5 ERATA	6 CLAN WATE MOD AANTACIER CONTRACTION ACTION LINE	7 diameter Cara reserve	8 DECENT WORK AND ECONOMIC GROWTH ACTION LINE C7 E-BUSINESS	9 ADDITY MENTAL	10 REALTON RECALIFIES E	11 BETWARK COURSE	12 RESPONSE	13 CUMATE ACTION	14 HEEMWARER		16 PART ASSIST NETITIONE ACTION LINE	17 PATINESSIPP FOR THE EQUIS	Action Line
ICT Solutions for SDGs: Focus on Apps and Online Technology	ITU and Partners	1 Marr Rothing Action Line		3 COOLEA HI AND WALL REVE AND WALL REVE ACTION LINE	4 BULITY DI				8 BECHT WORK AND ECONOMIC GROWTH ECONOMIC GROWTH ECONOMIC SECTION ECONOMICS AND	9 ROUSTRY INCOMENT AND INFASTRACTINE CONTACTION CONTACTION LINE C7 F-EMPLOYMENT	10 MORE D ACTION LINE C7 E-ENVIRONMENT	11 SETURALE CONSTRUCTION	12 REPORTED AND PROCEEDING AND PROCEEDING ACCION LINE CT	13 COMATE ACTION LINE C7 E-LEARNING	14 HELEW MALTER		16 PARE JUSTICE REGISTION REGISTIONS SCHOOL LINE	17 PARTNESSIUPS FOR THE COLUMNS	Action Line





Achieving an inclusive society by designing and implementing accessible ICTs	ITU-T Joint Coordination Activity on Accessibility and Human Factors	
IST- Africa/mHealth4 Afrika	IST-Africa Institute	
Accelerating Smart Gov Services	UAE	





ALFM Action Line C9: Strengthening the role of media and social media in relation to the SDGs	UNESCO	1 MOVERTY 2 <t< th=""><th>3 GOOD HEALTH </th><th>5 GROUP 5 G</th><th>7 HERRING LAN LICAN INSTANCE 8 HERRING CARE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</th><th></th><th>D RETION D RETI</th><th>16 FRAX. ASTRX AGSTRONG MASSING ASTRONG MASSING ASTRONG MASSI</th><th>STOR LINE ACTION LINE</th></t<>	3 GOOD HEALTH 	5 GROUP 5 G	7 HERRING LAN LICAN INSTANCE 8 HERRING CARE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		D RETION D RETI	16 FRAX. ASTRX AGSTRONG MASSING ASTRONG MASSING ASTRONG MASSI	STOR LINE ACTION LINE
Facilitation Meeting for Action Lines C1, C7 eGov, C11	United Nations Department of Economic and Social Affairs	1 MOLETY ACTION LINE 2 MAREAR 4 CTION LINE 2 MAREAR 4 CTION LINE 4 CTION LINE	3 GOODWEALTH 	5 GRANER C CLANAUTER C C AND ADDITION C C C AND ADDITION C C C C C C C C C C C C C C C C C C C	7 HERRING AND LECANDIC GRAFT 8 BECKT WORK AND ECONOMIC GRAFT 1 1	9 ROUTE AND ALL RELATED TO RECURD TO RECIDE TO RECIDE TO RECIDE TO RECIDENTS 10 RECIDENTS 10 RECIDENTS 10 RECIDENTS 1	Commercial and the second seco	16 FMC. ASTREE NETITIONS NETITION CONTINUES NETITION NETI	ACTION LINE CTI
Action Line C6: Enabling Environment	ITU	1 Mileny 1 Mile	3 COORDERATING 		7 ATTRIBUTE AND BLOCK THERE 8 ECCNT HIGH AND BLOCK THERE ••••••••••••••••••••••••••••••••••••		Demare 14 Lefemente 15 Lefemente Image: Constraint of the state of the stateo	16 FACE ASSIST 17 PATHELEMENT 10 10 FACE ASSIST 17 PATHELEMENT 11 10 10 10 10 12 10 10 10 10 11 10 10 10 10 11 10 10 10 10 11 10 10 10 10 11 10 10 10 10 11 10 10 10 10	ACTION LINE CTI
Action Line C7 - Building a Framework for Digital Innovation in Agriculture	Fao/ Itu	1 100 1	3 COORDERATING A RELEASE -///- 4 COLLING 4 COLLING		7 HERRICARSON 8 BECENT WORK AND 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 KEETY MONITON 10 RELATION 9 KEETY MONITON 10 RELATION 6 6 7 ACTION LINE C7 FEMPLOYMENT ACTION LINE C7 EENVIRONMENT	Remain 14 Historicants 15 Historicants Image: State of the state	In action line courses	ACTION LINE CTI





We Need Trust!	Patrick D. Amon	1 Martery 市主市中市市 ACTION LINE	2 mag sacas	3 COODERALM ANSWELLENCE 	4 DALITY DECATER ACTION LINE	5 chain Chaine Chain	6 SILAN MARTIN	7 dimensioner 	8 DEEPT I WORK AND ECONOMIC CROWTH ACTION LINE CT E-BUSINESS		10 REALIDS	ACTION LINE CT	12 BERGERI ACCROCONTIN ACCROCONTIN ACCROCONTINE ACCROCONT	13 EINATE	14 HELDER ALLER	15 int action line	16 PRATE ARTIFICE ACTIONNELINE ACTION LINE	17 Metricesure Me	ACTION LINE
Universal Design as a Mechanism for Sustainable Development	Oslo and Akershus University College of Applied Sciences	1 Marter 市主市中市 Action Line	2 THE STATE	3 GOOD HEALTH AND WELL BERNE 	4 CONTINUE	5 COLUMN COLUMN ACTION LINE	6 Side Lander CONTRACTOR ACTION LINE	7 BIODINAL AND ACTION LINE CT F-ASRICULTURE		9 ROUSTY NEWAKING	10 REDUCED RECALITIES CONTROL ACTION LINE CT E-ENVIRONMENT		12 devention and reaction	13 LIMATE	14 RELOW HALER	15 the second se	16 PART, ARTICLE MATTINGTON MATTINO MAT	17 MATERIANS	
Collaboration Between Stakeholders to Ensure a More Secure and Stable Cyberspace	Access Partnership	1 Martin 小子中中中 ACTION LINE	2 mar	3 GROBIEAND AND WELFING 	4 SALITY BACATOR ESS ACTION LINE	5 CENCER TOTAL	6 CLAN WATER ADD AMPLIANCE	7 ATRONALAN 2 ALLAN PREMI 2 ALLAN PREMI 2 ALLAN PREMI 4 ALLAN	8 DECENT HORY AND ECONOMIC REPORT MARK	9 BOSTY NEWCOMP AND NEWSTRACTOR CONTRACTOR ACTION LINE CT E-EMPLOYMENT		11 SUSTAINABLE CITES	12 EDRAGEL ACTION LINE CT E-HEALTH	13 RUMATE ACTION LINE CT E-LEARNING	14 HELENARDER	15 INF. INF. AD ACTION LINE C8	16 RAIG ARTICLE RefitTUTIONS REFITUTIONS REFITUTIONS ACTION LINE C9	17 PRETRESSIONS FOR THE GOALS	ACTION LINE
Broadband Commission Dialog at WSIS Forum	The Broadband Commission Secretariat	1 Noverty T * T * T * T Action Line	2 TER RINGER SSS ACTION LINE	3 GOOD HEALTH AND WELL FORCE 	4 CONTRACTOR	5 CENSUL P	6 CITAN WATER AND SAMITATION CONTINUE ACTION LINE	7 STORMARE AND CLAN INSERT CAN INSERT CONTINUE CONTINUE CONTINUE CAN INCOMENTATION	8 DEENT WORK AND ECONOMIC CROTTE CONTINUE CONTRACTION CONTINUE CONTRACTION E-BUSINESS		10 REDUCED REGOLATIES E	11 SUSTAINAULT CITIES	12 RESPONSIVE AND PRODUCTION AND PRODUCTION ACTION LINE CT E-HEALTH	13 ALMATE ACTION LINE C7 E-LEARNING	14 LEE WHATER ACTION LINE CT E-SCIENCE	15 UTE OF LAND	16 REALE AUGUST AND STRONG ACTION LINE	17 PATTINESHP I'RE RIC GOALS	ACTION LINE





UNESCO OER Recommendatio n	UNESCO	
Free To Air as the enabler of original local content	European Broadcasting Union in partnership with World Intellectual Property Organisation & UNESCO	
How Can We Prepare Kids For Jobs That Don't Exist Yet?	IT STEP Academy	
Smart cities : Policies and regulatory frameworks to better align smart cities	Arianous ICTD Co.	





strategies with SDGs		
Multistakeholder Decision Making in Global Internet Governance	Noncommerci al Users Constituency of ICANN	
How can technology be a force for good in Africa?	Research ICT Africa	
Recipes for success: The funding dimensions of capacity development	DiploFoundati on / Geneva Internet Platform	1 Mutter 2 Mutter 3 MUMBELERR 4 Mutter 5 Mutter 6 Mutter 8 MUMBELERR 10 MUMBELERR 10 MUMBELERR 10 MUMBELERR 10 MUMBELERR 12 MUMBELERR 14 MUMBELERR 15 MULL 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 10 MUMBELERR 10 MUMBELERR 12 MUMBELERR 14 MUMBELERR 15 MULL MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 16 MUMBELERR 17 MUMBELERR 16 MUMBELERR 17 MUMBELERR 17 MUMBELERR 16 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 16 MUMBELERR 17 MUMBELERR 17 MUMBELERR 16 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 17 MUMBELERR 1
ALFM Action Line C5: Blockchain as an enabler of security and trust	ITU	





Action Line C7. E-business and financial inclusion as a catalyst for the formalization and growth of MSMEs	United Nations Conference on Trade and Development (UNCTAD) / International Trade Centre (ITC) / Universal Postal Union (UPU)	1 Matery Mi + + + + + + + + + + + + + + + + + + +	2 ma sear Sister Action Line	3 GOODHEATH AND WELFIERDE 	4 SUALITY EDUCATION IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	5 EXAMPLE 5 EXAMPLE	6 CLEW WATER	7 ATTORNET AND ATTORNET ATTORNET ATTORNET ATTORNET ACTION LINE C7 CAGRICULTURE	8 DECENT WORK AND ECONOMIC GROWTH ACTION LINE C7 E-BUSINESS	9 ROSTIT, MONATOR MAI NAALTRECTER	10 MERCELI TERRALITES	11 DELIMANCE CITES ACCORDINATES ACCORDINATES ACTION LINE C7 E-GOVERNMENT	13 CLIMATE CONSTRUCTION ACTION LINE C7 E-LEARNING	14 HELOWRAUER	15 Intra	16 RAF, ASHC AND STORE REIMINIAN EXAMPLE ACTION LINE	17 PARTINESSING FOR THE GOALS COMPANY ACTION LINE	ACTION LINE
Cross-Border e- Science and Research Partnerships for Shaping Better Information and Knowledge Societies	IUST Research Center for ICT Strategic and International Studies (ICT- SIS)	1 Povery Martin Action Line	2 main Mainer Mainer Mainer Action Line	3 GOODHEATTH AND WELL HEIME AND WELL HEIME ACTION LINE C3	4 COLUMN COLUMN		6 CLEAN WATER AND SAMILATION TO AND AND AND AND ACTION LINE CS	7 AFFORMER AND CLARENERST 	8 ECONT NOR AN COMME CONTR COMME CONTR COMME CONTR COMME CONTR CON		10 HEARED HIGHALIHES C ACTION LINE C7 E-ENVIRONMEENT	11 SETAMALE CITES	13 CUMATE ACTION ACTION LINE OF E-LEARNING	14 LEE WWARER	15 UFF LAD THE LAD THE LAD ACTION LINE CS	16 MAR. ASSIRE ACTION LINE C3	17 PARTINEISMERS FOR THE BOALS	ACTION LINE CTI
Future of Work/Decent Jobs for Youth	UN Major Group for Children and Youth (UN MGCY)	1 Moneyy Artion Line	2 ASU ANNER SIII ACTION LINE	3 GOOD HEALTH AND WELL BENR 	4 CONTINUE	5 CENDER CEDENITY	6 Such address Control of the Action Line	7 STORDALLAR DATE INSP D	8 BEEST HORE AND COMMENCE GROWTH COMMENCE AND ACTION LINE CT E-BUSINESS	9 RUSITY ANCIATEM AND AVAATRECTURE	10 REDUCED REGARITES		13 GUMATE ACTUAN ACTUAN ACTUAN LINE C7 E-LEARNING	14 LEEDWRAKER	15 BRIARD	16 PEACE AUSTICE INSTITUTIONS INSTITUTIONS INSTITUTIONS INSTITUTIONS INSTITUTIONS INSTITUTIONS ACTION LINE	17 PARTNESSIPA TOR THE GALAS	ACTION LINE CTI





How to set the standard for cyber security? Guidelines and good practices	Global Forum on Cyber Expertise	1 Martin Artificial Action line	2 mag maga () Action Line	3 COCO DE ATH AND WELLE BERGE ACTION LINE	4 SALUY SOCIALINA ACTION LINE	5 ERRET ACTION LINE	6 CLAN NUTE AND EXECTION CONTACTION LINE C6	7 arrantine and alan teach initial initial actrion Line c7 e-agriculture	8 DECENT WORK AND ECONOMIC GROWTH	9 NOLTIVE MODIATION AND AVALATIFICATION CONTACT AND AND AVALATIFICATION CONTACT AND	10 MERCEU MERCEUTES		12 RESPONSES ACCOMMENTAL ACCOUNTING ACCOUNTINA ACCOUNTINA ACCOUNTINA ACCOUNTINA ACCOUNTINA ACCOUNTINA ACCOUNTI	13 ELIMATE 13 ELIMATE 13 ELIMATE 14 ELI	14 HELDWARDER	15 In LAG	16 PACE ASSURE NOTIFICACE ACTION LINE	17 PARTHESHIPS PRR THE GOALS COMPARE ACTION LINE	
ICT Solutions for SDGs: Focus on Robots, Drones & Virtual & Augmented Reality	ITU and Partners	1 Hoverty Action Line	2 MAREN WINNER WINNER ACTION LINE C2	3 GROUND AT	4 COLUMN		6 ELAN WHITE ACT ANY CONTROL OF ANY ACT ION LINE	7 distances are cited classes cited classes ACTION LINE OF ACTION LINE OF	8 ECCENTIVE AND ECCENTRIC GROWTH ECCENTRIC GROWTH ECCENTRIC GROWTH ACTION LINE CT E-DUSINESS	9 NUSTRY ANNALATION ANNALASTRICTURE	10 MERCENT	ACTION LINE CT	12 Conservation Conservation Conservation Conservation ACTION LINE CT	13 CUMATE ACTION LINE C7 E-LEARNING	14 ET REPRESENT		16 FACE AUGUST ADDISTORY ADDISTORY ADDISTORY ADDISTORY ACTION LINE CS	17 PARINESSING TOP THE GALLS	ACTION LINE
Information and Communication Infrastructure towards the Sustainable Development Goals	ITU - Action Line C2 Facilitator	1 Povery	2 mars	3 COOD HEATH AND WHEE BERGE ACTION LINE	4 SHALITY EDUCATION LINE ACTION LINE		6 CLAWNER AND LANKED AND LANKED ACTION LINE	7 ATOMINALIAN CARTONIALIAN CARTONIALIAN CONTINUE ACTION LINE CT E-AGRICULTURE	8 DECENTIVORK AND ECONOMIC GROWTH ECONOMIC GROWTH ACTION LINE CT E-BUSINESS	9 NOSTEY, INCOLUTION AND INFASTRECIDER	10 REDUCID REGALITIES	11 SUSTAINANT COMES AND COMMENTES	12 ESPANSIE ACCORDING ACCORDINA ACCO	13 Ernar Ernar ACTION LINE C7 ELEARNING	14 HELENARAGER	15 int and a second sec	16 Mar Astroc Actions Actions Action Line	17 PATINISSIUM TRE THE CALLS	
ICANN, Data Protection and the GDPR	Internet Corporation for Assigned Names and Numbers (ICANN)	1 Noter 小学生中	2 MAREN MARENA ACTION LINE C2	3 COOD MATH AND WELF DOG 	4 CLAUTY CLEOCATION I ACTION LINE	5 mean ACTION LINE	6 CLAM WHEF AND SAME ACTION LINE C6	7 ATOMINAL AND ACTION LINE OF ACTION LINE OF AGRICULTURE	8 ECCUT WORK AND ECCUMPIC GEORME COMMIC GEORME COMMICS ACTION LINE C7 E-BUSINESS	9 NOTION INCOMENT			12 RESPONDENT ALE PROCESSION ALE PROCESSION ACTION LINE C7 E-HEALTH	13 EINATE ETAN ACTION LINE C7 E-LEARNING	14 EEL MARKER	15 III IIII	16 Mar. Astron Mar Shore Retinition Action Line CS	17 PARTINESSING PROFINE COLLS ACTION LINE CTO	ACTION LINE





ICT Solutions for SDGs: Women Entrepreneurs and innovators	ITU and Partners	
Connecting communities by building digital skills – a way towards the SDGs	International Chamber of Commerce Business Action to Support the Information Society	
Discussion on the Technical Standards of Industrial Internet	China Industrial Control Systems Cyber Emergency Response Team	1 Normality 2 Absention 3 Absention 4 Building 7 Building 8 CCTION LINE C 10 Building 12 Boomediant 13 Building 14 Building 15 Building 17 Matter Building 16 Matter Matter Build
E-Trade for Impact: Turbo- charge the SDGs with Digital	International Trade Centre	





Future and Emerging Technologies: Economic Impact of Artificial Intelligence (AI)	International Telecommuni cation Union (ITU) and McKinsey Global Institue (McKinsey)	Ĩxŧŧi	2 IRAGER	\/\	4 POLITY DOCTOR	5 CONCER COLLINY	6 CLEAN WATER AND SAME OF A	※	B ECENT WORK AND ECONOMIC GROWTH ACTION LINE C7 E-BUSINESS	9 MUSTRY, ANNUATION AND AVAITATIONE AND AVAITATIONE ACTION LUNE C7 E-E-EMPLOYMENT	10 REDUCED INCOMMENTS	11 SIGNAME CITES AUCOMMENTES	12 RESPONSIBLE ADDRESSONS ADDRESSONS ADDRESSONS ACTION LINE C7 E-HEALTH	13 ACTION ACTION ACTION LINE C7 E-LEARNING		15 UFF OR LAND ACTION LINE C8	16 PACE ASSIST AND STORE ADDITIONS	17 PARTINEZBURG TO THE DEALS	ACTION LINE CTI
International decision-making in ICT. Where are the Women?	International Telecommuni cation Union (ITU) / United Nations Educational, Scientific and Cultural Organization (UNESCO) chair in ICT4D	1 Hovery Artige Article	2 INNE	3 COORMANN AND WELL BENK INNE ACTION LINE			6 CLEAN WATER AND LANDAUER CONTINUE ACTION LINE	7 STORAGE AND CLAN LONG CLAN LONG CATION LINE C7 E-AGRICULTURE	8 BEENN WORK AND ECHANGE GENTH ACTION LINE C7 E-BUSINESS	9 KOLTTY, MICHAIN REMARKATERING CONTACTOR	10 REDUCED MINISTRAINES ACTION LINE C7 E-ENVIRONMENT	11 BETLANDE COMENTES AUTOMONICAS ACTION LINE C7 E-GOVERNMENT	12 RESPONSE	13 CLIMATE ACTION ACTION LINE C7 E-LEARNING	14 Utownate	15 WE WE WE WE	16 PLACE ASSISTE ASSISTED	17 PRETRIEBURS PRE TRE EALS CONTACTION LINE CIO	ACTION LINE CTI
Achieving the SDGs through Ethically Aligned Design	IEEE	1 Potery Arthracking Action Line	2 HANGER SIII ACTION LINE C2	3 GOOMAAN AND WELL EDWO ACTION LINE	4 EUGLATION EUGLATION ACTION LINE		6 CLAN WATER AND LANCERS	7 STORAGE AND CLAN ORBET	8 ECHANIC GROWTH COMMIC GROWTH ACTION LINE C7 E-BUSINESS	9 ROTIN ABOUT	10 REPERT E	11 BETLEMARE CITES AND CHARGENERS ACTION LINE C7 E-GOVERNMENT	12 ESTRUCTION DECOMPTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION AND PRODUCTION	13 CLIMATE ACTION	14 ELEW HATER	15 UK 4 ACTION LINE C8	16 rears across an strong weining across across across Acron Line C9	17 Premerovani Premerovani Strangenerovani Action Line	ACTION LINE CTI





ICANN, the Government Advisory Committee (GAC) and Capacity Building	Internet Corporation for Assigned Names and Numbers (ICANN)		ACTION LINE AC	ADDING ALIH MA MALLERING MARANA LIKENA TIDAK LIKE ACTION	6 CLANKITE AC LANKITE AC LANKITE	7 CIMINAL AN CIMINAL A	8 BECHT HUR AN ECONNE COMME TOTAL	9 SECTO NOCIDIO ADDIVISION	10 MEDICED MECHANIES		12 RESPONSE ACTION LINE CT E-HEALTH	13 GUMATE ACTION LINE C7 E-LEARNING	14 LEE IN INCLER	15 or LNG ACTION LINE C8	16 RAJE AUTOR NETHINDAC ACTION LINE	17 MATTINESSME MATTINESSME MATTINESSME ACTION LINE CTO	ACTION LINE
Open Earth Observations for the benefit of Humankind	Group on Earth Observations (GEO) / University of Geneva	1:++:t <u>1</u>			6 REAM WAITE AN REP ANTIMINE ACTION LINE	7 STREME AND THE STREET	8 IEENT NOW AND CONSIDER FRANK ICONSIDER FRANK ICONSIDER ICONSIDER FRANK ICONSIDER FRANK ICONS	9 MOLTER ANNAULA ANNAULASTRUCTURE	10 HERADINA CONTRACTOR LINE CT ACTION LINE CT C-ENVIRONMENT	11 SUSTAINUS COMES	12 ESTIMATE	13 LIMATE 13 LIMATE 13 LIMATE 13 LIMATE 13 LIMATE 14 LIMATE 14 LIMATE 14 LIMATE 14 LIMATE 15 LIMATE 15 LIMATE 16 LIMATE 16 LIMATE 17 LIMATE 18 LIMATE 19 LIMATE	14 HELE WWARTER	15 Int and a second sec	16 RAG ARTICLE Additione Additione	17 PATINESSIPE PRETINE SALES ACTION LINE CIG	ACTION LINE
Child Online Protection Ecosystem: Platforms, Services and Tools	Iran National Committee for WSIS, Iran Ministry of ICT	1 Romany 京学学中 Action Line	C TICH LINE AC			7 STREAME AND THE THE T	8 ECONTINUE CONTI CONVICTORIAN	9 ACCETPY ANEXATEM ANEXAMPLATERCIPE	10 REPAIR	11 SEEDENAR CITES		13 Elimit Action Line 67 Action Line 67	14 HE COMMARKE COMMARKE COMMARKE ACTION LINE C7 E-SCIENCE	15 traine 15 traine	16 PAGE AUTOR AUSTROME AUSTROME AUSTROME ACTION LINE C9	17 METHEBORY Methebolics	ACTION LINE
ICTs as a tool for promoting resilience and reducing risks	UN Major Group for Children and Youth	1 Roury Aver the fill Action Line	A LINE ACTION LINE AC			7 STIRBULE AG CLAN KREET CALL KRE	8 ECCAT NORX AND COMMENCIONARY ACTION LINE C7 E-DUSINESS	9 AUGURAANSAU AUG	10 HERECO HICAALINES CONSTANTING ACTION LINE C7 E-ENVIRONMENT		12 ESTABLE COMMUNICATION REDUCTION CONSTITUTION ACTION LINE C7 E-HEALTH	13 cinate Action	14 HE HENNINGER			17 PATTINESHPS PATTINESHPS CONTINE COLLS	ACTION LINE





Central Bank Issued Digital Currency: Challenges for Security and Interoperability	ITU	1 HOURTY 2 Martin Action Line A		3 accommentation Accommentation of the second seco		5 footer	6 CLARACTOR	7 strondars and class clean class clean class cl	8 DECENT NOR AND ECONOMIC CONTROL INFO	9 RECEIVE AND CONTRACTOR		a 12 REPORTED ACTION LINE CT E-HEALTH	13 CLIMATE	14 LEE ELEMINATER	15 UT STARE	16 Prive AUSTRE AUSTRONE NETHTING AUSTRONE AUSTRE ACTION LINE	17 PARTNESSING (SS IN GOLS COLS ACTION LINE CION LINE	ACTION LINE
Zero Waste Living: speaking the language of a new generation for sustainable habits	Rogue Gone Vogue (YouTube Channel)	1 Water 亦译本前 ACTION LINE A				5 EXERT EXAMPLE C	6 BLAN NOT	7 ATTORNALE AND CLAN DEBET	8 ECONTROLOGICA	9 MEETIN AMAANA			13 REMARK	14 UT HEARD	15 UTE MILANO ACTION LINE	16 RAY ANY ANY ANY ANY ANY ANY ANY ANY ANY A	17 METRIKABANG METRIKALAN METRIKALAN ACTION LINE	ACTION LINE
Practical applications of ICTs supporting inclusion and access to information and services, livelihoods for People with Disabilities	eWorldwide Group	₩ ₩₩ ₩	CERO MARGER SILINE CTION LINE	\/\• ?	EULUTION EULUTION ECTION LINE	5 Contraction Line	6 ALLA RUT ALL LACARS TO ALLA CALLER ACTION LINE C6	7 dimension Ann uner Active uner Active une cr F-Astriculture	8 OCENT WORK AND ECONOMIC GROWTH INFO ICON LINE CT E-BUSINESS	9 XICIT MANAGER	11 Instander for All Constant of All C	12 REPRISE AD POSTOR AN AN POSTOR AN POSTOR AN POSTOR AN AN POSTOR AN AN POSTOR AN AN POSTOR AN ANTA AN ANTA AN ANTA AN ANTA ANTA AN	13 cunar canacity Action Line CT E-LEARNING	14 JETIMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	15 UIT CALLOR ACTION LINE CO	16 FAAC ADDICE ADDITIONS ADDITIONS ADDITIONS ADDITION ACTION LINE	17 PARTICUSING	ACTION LINE





The role of International Standards and of the Basel Convention in tackling e-waste and achieving a Circular Economy	Basel, Rotterdam and Stockholm Conventions Secretariat and International Telecommuni cation Union	1 Mourr Mit Mit Mit Action Line	2 HARR	3 GOOMATH AND WILL RENG 	4 SUNCTION ACTION LINE C4		6 SLAM WHE AND SAME OF A CONTRACTOR ACTION LINE CS	7 STREMAL ON TAXA DESCRIPTION TAXA DESCR	8 BEENT HORE MO ECONIME COMPT ACTION LINE CT E-BUSINESS		10 REPAIL C	11 SUSTAINANTE CITUES AUTOMOLISTICS AUTOMOLISTICS ACTION LINE C7 E-GOVERNMENT	12 ESTONABLE AND PRODUCTION CONCULTION ACTION LINE CT E-HEALTH	13 REMATE	14 HE WWWARER	15 Int. IS Int. ACTION LINE C8	16 Martine Martine Martine Martine Martine Action Line	17 PREVINCESSOR PREVINCESSOR CONTRACTOR ACTION LINE	ACTION LINE CTI
The Fourth Technological & Industrial Revolution	National Information Centre - Yemen	<i>₫</i> ₩₩₩₽₩₽		-w/•	4 COLUMN COLOR	5 BARR	6 atta sata atta sata or or or or or or or or or or or or or	7 ATTORNALLAND DLAN NORTH	8 BECATI NOOK AND ECOMMENC CHAMP ACTION LINE CT ECOMMENT CHAMPACE ACTION LINE CT ECOMMENT	9 MOLTIN ANGULUM MARIATERCINE CONTRACTOR ACTION LINE C7 FEMPLOYMENT	10 REDUCED REQUARTES	11 SISTAINALE CITES AND COMMUNITES	12 RESPONSIBLE AND ACCOLLEGAN	13 AUMATE ACTION ACTION LINE C7 E-LEARNING	14 HELEN HALER ACTION LINE CT F-SCIENCE			17 PARTNESSIONS FOR THE GAUSS	ACTION LINE CTI
Organising Monitoring of SDG based on the three principles (transparency, inclusiveness, participation) and following wikipedia	Centre for Socio-Eco- Nomic Development CSEND	1 Marcury Mi + + + + + + + + + + + + + + + + + + +	2 man 411 411 411 411 411 411 411 41	3 GROWANH MARKEEFER 	4 SALEY ACTION LINE		6 REPLACED	7 diameter and diameter 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	B ECCAN HINK AM CONSIGL CONTROL ACTION LINE C7 E-BUSINESS	9 NOTITA ADDRESS	10 MERCED MERCEALTERS C		12 ESPONSHE CONSIDERING AND REDUCTION AND REDUCTION ACTION LINE C7	13 AUMATE ACTION LINE C7 ACTION LINE C7 ELEARNING	14 HE OF THE OF	15 Int. ACTION LINE	16 Prais, Jastine Audistore Institutions Institutions Action Line CS	17 Parinesoury Profine (coals)	





methods using ground truth ICT techniques															
Intellectual Property Rights (IPRs) awareness to Information Technology Sector and Cyber Space	Dr.Rakesh Lingappa	1 Mythy 於許許的 2 Main () () () () () () () () () () () () ()	3 ADDIMANN 		6 CLAWNER ACTION LINE ACTION LINE	7 AFFORMALIAN 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KEATI NUBE AN COMUNIC GEWITH		11 Antonial Carlo Antonia Action Line C7 Covernment	IN CTAR	14 HEAVERAGE		16 PLACE ASSISTER ADDITIONAL ADDITIONAL ACTION LINE CS	17 PREVINESUUM FOR THE COLLS CONTACTION LINE CIO	ACTION LINE CTI
Paradigm shift to develop genuine global civilization and the role of ICT	Evolution of Mind Life Society Research Institute (EMLSRI)	1 Poverr Action Line Action Line		TITEN 5 EXAMP 1 9 1 9 1 9 1 9 1 9 1 9 1 1 1 1 1 1 1	C RUAR NUTRE C RESEARCH C RESEARCH ACTION LINE C C	7 ATTRACTANT ALLAN TRACT ALLAN TRACT ALLAN TRACTANT ALLAN TRACTANTATATATATATATATATATATATATATATATATAT		ATEN 10 REDUCED TOWN 10 INCOLUTES		I3 CLIMATE PTON I3 CLIMATE CONTRACTOR INCOMPACTOR ACTION LINE C ACTION LINE C	ACTION LINE C7	15 intraction	16 PEALS JISTICE AUGSTRONE NUMBER AUGSTRONE AUGSTRONE AUGSTRONE AUGSTRONE AUGSTRONE AUGSTRONE AUGSTRONE	17 Partnesser Partnesser Control Line	ACTION LINE
WSIS Action line Facilitators Meeting	WSIS Action Line Facilitators	1 MORENTY ANTINA CONTACT OF ANTINA CONTACT OF A			6 ELAMWATER AND SANTARIUN CONTACTION LINE C6	<mark>) (</mark>	CERTINGRAM CARNIC GENTA CARNIC GENTA ALL ALL ALL ALL ALL ALL ALL ALL ALL A	(=) (-)	11 ANCOMPANIES 12 ANCOMPANIES 13 ANCOMPANIES	ABRE TION 13 ACTION 13 ACTION 13 ACTION ACTION INC C7 ACTION LINE C E-LEARNING		15 UTE 	16 PEACE_AUSTRIE ACTION LINE	17 PARTNERSHIPS FOR THE GAALS	ACTION LINE





3. Table: WSIS Forum 2018 Session/ Workshops Rationale for Linkages with WSIS Action Lines and with SDGs

TITLE	ORGANIZERS	RELATED ACTION LINES	LINK TO ACTION LINES	RELATED SDGs	LINK TO SUSTAINABLE DEVELOPMENT GOALS
Hackathon: Hack Against Hunger	International Telecommunicati on Union (ITU), Food and Agriculture Organization (FAO), facilitated by Impact Hub Geneva	AL C7		Goal 1: No poverty; Goal 2: Zero hunger; Goal 3: Good health and well- being; Goal 4: Quality education; Goal 5: Gender equality; Goal 6: Clean water and sanitation; Goal 7: Affordable and clean energy; Goal 8: Decent work and economic growth; Goal 9: Industry, innovation and infrastructure; Goal 10: Reduced inequalities; Goal 11: Sustainable cities and communities;	





E-Environment: Multi-Hazard Early Warping	ITU / WMO	The Action Line C7 – e-Environment	-	Goal 12: Responsible consumption and production; Goal 13: Climate action; Goal 14: Life below water; Goal 15: Life on land; Goal 16: Peace, justice and strong institutions; Goal 17: Partnerships for the goals Goal 11: Sustainable cities and communities; Goal 12: Responsible	SDG 11, SDG 12 and SDG 13
Early Warning Systems and Role of ICT				consumption and production Goal 13: Climate action;	
Mega constellations offering new technology for an inclusive access to rural areas of the LDCs	International Network of Women Engineers and Scientists (INWES) & AB5 Consulting	AL C1, C2, C4,C7, C8, C10, C11	This project aimed at using the connectivity brought by new satellite constellations in order to develop applications and services providing support in e-government, agriculture and weather monitoring.	Goal 1: No poverty; Goal 2: Zero hunger; Goal 3: Good health and well- being; Goal 4: Quality education; Goal 5: Gender equality; Goal 5: Gender equality; Goal 6: Clean water and sanitation; Goal 7: Affordable and clean energy; Goal 8: Decent work and economic growth; Goal 9: Industry, innovation and infrastructure;	This session supports several of the SDGs as it seeks to exchange information and good practices which will allow the deployment of pilot projects in a sustainable manner, considering co development and other practices.





Building Vibrant ICT Centric Innovation Ecosystems - Session1: An insight into "ICT-centric economic growth, innovation and job creation"	International Telecommunicati on Union (ITU)	AL C1 – C11	-	Goal 10: Reduced inequalities; Goal 11: Sustainable cities and communities; Goal 12: Responsible consumption and production; Goal 13: Climate action; Goal 14: Life below water; Goal 15: Life on land; Goal 16: Peace, justice and strong institutions; Goal 17: Partnerships for the goals Goal 9: Industry, innovation and Infrastructure; Goal 17: Partnerships for the goals	Goal 9 and SDG 17
Enabling Policy Environment for Digital Transformation	Business at OECD (BIAC)/OECD	AL C1 – C6 and C11	-	Goal 1, 3, 4, 5, 8, 10, 16 and 17	Goal 1, 3, 4, 5, 8, 10, 16 and 17





Challenge-	University of	AL C3, C4, C7 (E-	SDG Education is by	Goal 1: No poverty;	The Geneva Tsinghua
Based Learning	Geneva	learning, E-science),	definition a new concept	Goal 2: Zero hunger;	Initiative for the Sustainable
for the SDGs		C11	in education	Goal 3: Good health and well-	Development Goals concerns
			establishments, and the	being;	challenge-based education
			use of ICTs is essential to	Goal 4: Quality education;	for all 17 SDGs.
			ensuring ACCESS TO	Goal 5: Gender equality;	
			INFORMATION AND	Goal 6: Clean water and	
			KNOWLEDGE and	sanitation;	
			CAPACITY BUILDING in this	Goal 7: Affordable and clean	
			context. Challenge-based	energy;	
			learning, a theme of this	Goal 8: Decent work and	
			session, is a modern	economic growth;	
			approach that involves E-	Goal 9: Industry, innovation	
			LEARNING and E-SCIENCE.	and	
			The Geneva Tsinghua	infrastructure;	
			initiative is an example of	Goal 10: Reduced	
			INTERNATIONAL AND	inequalities;	
			REGIONAL COOPERATION	Goal 11: Sustainable cities	
			that we hope can inspire	and communities;	
			others.	Goal 12: Responsible	
				consumption and production;	
				Goal 13: Climate action;	
				Goal 14: Life below water;	
				Goal 15: Life on land;	
				Goal 16: Peace, justice and	
				strong institutions;	
				Goal 17: Partnerships for the	
				goals	
Inclusive	Internet Society	AL C2	-	SDG 4. 5, 8 and 16	SDG 4. 5, 8 and 16
Information	of China				
Accessibility					
Service					





Environment Enables the Fruits of Technology Development Shared by All					
IoV (Internet of Vehicle) technology	Telematics Industry Application Alliance (TIAA)	AL C2	-	-	_
Digital Equity and Inclusion for ICT in Disaster Risk Reduction	International Federation for Information Processing (IFIP)	AL C2, C3, C4, C7 (E- learning, E-health, Employment, and E- environment) and C11		Goal 1: No poverty; Goal 2: Zero hunger; Goal 3: Good health and well- being; Goal 4: Quality education; Goal 5: Gender equality; Goal 6: Clean water and sanitation; Goal 7: Affordable and clean energy; Goal 8: Decent work and economic growth; Goal 9: Industry, innovation and infrastructure; Goal 10: Reduced inequalities; Goal 11: Sustainable cities and communities;	SDG 1-3,5-11,13





				Goal 12: Responsible consumption and production; Goal 13: Climate action; Goal 14: Life below water; Goal 15: Life on land; Goal 16: Peace, justice and strong institutions; Goal 17: Partnerships for the goals	
Social interpreter: ICT literacy, languages, migrations	SEMANTIS	AL C5 and C8	Women from migrations and diasporas becoming "social interpreters" for hospitals, administrations, labor markets, etc., are leaders of the innovative project "Univerbal". This approach will be expanded for development purpose through ICT tools and services, multilingual and accessible to all. New Internets networks conceived and developed through the RINA constellation of projects will offer a new dimension with expanded and free digital networks and services, secure and open to all.	Goal 5 and 16	Univerbal gives access to social work and to social recognition for women coming from migrations in the Wallonie area of Belgium. After adequate training they perform a social role through ICT facilities. It was recognized as a major inclusive ICT project by the European Parliament in Brussels. New Internet networks will expand capacities for communities to use and create more freely through digital networks and services in native languages and for local business.




Identifying and	OCAPROCE -	AL C3 C4 C7 e-	- Goal 1: No poverty; -
addressing	Organisation pour	business C7 e-	Goal 2: Zero hunger;
problems that	la	learning C7 e-health	Goal 3: Good health and
block women in	Communication	C7 e-agriculture C8	well-being;
ICTs	en Afrique et de	C11	Goal 4: Quality education;
	Promotion de la		Goal 5: Gender equality;
	Cooperation		Goal 6: Clean water and
	Economique		sanitation;
	Internationale		Goal 7: Affordable and
			clean energy;
			Goal 8: Decent work
			and economic growth;
			Goal 9: Industry, innovation
			and
			infrastructure;
			Goal 10: Reduced
			inequalities;
			Goal 11: Sustainable cities
			and communities;
			Goal 12: Responsible
			consumption and production;
			Goal 13: Climate
			action;
			Goal 14: Life below water;
			Goal 15: Life on land;
			Goal 16: Peace, justice and
			strong institutions;
			Goal 17: Partnerships for the
			goals





Building Vibrant ICT Centric Innovation Ecosystems- Session 2: Good Practices for Accelerating Digital Transformation	Office of Electronic Communications (UKE), Poland and International Telecommunicati on Union (ITU)	AL C1 – C11	-	SDG 9 and 17	Innovation, Partnership and global collaboration
Performance of Progress of Schools in UK and UAE with regards to online safety	UK Safer Internet Centre / SWGfL	AL C1, C5 and C11	Action line C1: The role of governments and all stakeholders in the promotion of ICTs for development. Specifically • Inform a national e- safety strategy through the intelligent, use of data and information • At the national level a structured programme that will protect all children online by supporting, challenging and certifying schools • Create a safeguarding ethos online that will exchange best practice at a local, regional and national level between public and private sector	SDG 3 and 9	Goal 3: Good health and well-being Goal 9: Industry, innovation and infrastructure





that will sustain beyond the project Produce tools and apps that will achieve a sustainable programme that will leave a legacy. Adopt and adapt proven international strategies for effective deployment and share with other Governments to replicate Engage research partners to ensure the programme continues to be relevant and evaluate the programme





ICTs for Safety,	EC MEDICI	AL C1, C2, C4, C5,	C1) The role of	SDG 2, SDG3, SDG6, SDG7,	SDG 2 END HUNGER,
Security and	Framework of	C6, C7 (E-	governments and all	SDG8, SDG9, SDG11, SDG16,	ACHIEVE FOOD SECURITY
Disaster	Cooperation	Government, E-	stakeholders in the	SDG17	AND IMPROVED NUTRITION
Recovery, EC		health, E-	promotion of ICTs for		AND PROMOTE SUSTAINABLE
MEDICI		environment), C10,	development - (Safety and		AGRICULTURE - > food &
Framework		C11	security are integral part		water security
			of human rights; we must		
			provide all the efforts in		SGD 3 ENSURE HEALTHY
			order to guarantee such		LIVES AND PROMOTE WELL-
			rights (as stated in art		BEING FOR ALL AT ALL AGES
			3,22, 25 - The Universal		
			Declaration of Human		3.d Strengthen the capacity
			Rights).		of all countries, in particular
			C2) Information and		developing countries, for
			communication		early warning, risk reduction
			infrastructure: an		and management of national
			essential foundation for		and global health risks ->
			an inclusive information		Safety & Security
			society - (Access to public		
			official information, Public		SDG 5 ACHIEVE GENDER
			access to information,		EQUALITY AND EMPOWER
			Public domain		ALL WOMEN AND GIRLS
			information)		
			C4) Capacity building		5.b Enhance the use of
			(education and training in		enabling technology, in
			the field of safety,		particular information and
			disasters, emergencies)		communications technology,
			C5) Building confidence		to promote the
			and security in the use of		empowerment of women ->
			ICTs (extension of the line)		human security, safety
			C7) ICT applications:		
			benefits in all aspects of		





life (Disaster recovery, E- agriculture, E- environment, E-health, Sustainable production and consumption) C10) Ethical dimensions the Information Society (Common good, Ethics, Human rights, Preventing abusive uses of ICTs, Values.) C11) International and regional cooperation (Infrastructure development projects, Regional action plan)	SDG 6 ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL 6.a By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies -> Water Security, critical infrastructure resilience, etc SDG 7 ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL
	7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island





		developing States, and land- locked developing countries, in accordance with their
		respective programmes of support -> C5, critical
		infrastructure resilience, etc.
		SDG 8 PROMOTE SUSTAINED,
		INCLUSIVE AND SUSTAINABLE ECONOMIC
		GROWTH, FULL AND
		PRODUCTIVE EMPLOYMENT
		AND DECENT WORK FOR ALL
		8.3 Promote development-
		oriented policies that support
		productive activities, decent
		job creation, entrepreneurship, creativity
		and innovation, and
		encourage the formalization
		and growth of micro-, small-
		and medium-sized
		enterprises, including
		through access to financial services -> C5 safety &
		security
		,
		SDG 9 BUILD RESILIENT
		INFRASTRUCTURE, PROMOTE
		SUSTAINABLE





	INDUSTRIALIZATION AN	ND
	FOSTER INNOVATION	
	9.1 Develop quality, rel	
	sustainable and resilien	
	infrastructure, including	-
	regional and transbord	
	infrastructure, to suppo	
	economic development	
	human well-being, with	
	focus on affordable and	
	equitable access for all	
	9.a Facilitate sustainabl	le and
	resilient infrastructure	
	development in develo	
	countries through enha	
	financial, technological	and
	technical support to Afr	rican
	countries, least develop	ped
	countries, landlocked	
	developing countries ar	
	small island developing	5
	States	
	9.c Significantly increas	
	access to information a	nd
	communications technol	ology
	and strive to provide	
	universal and affordabl	
	access to the Internet in	n least
	developed countries by	
	-> C5, critical infrastruc	ture
	resilience, etc etc	





		SDG 11 MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE
		11.4 Strengthen efforts to
		protect and safeguard the
		world's cultural and natural
		heritage -> extended
		cooperation with UNESCO
		11.5 By 2030, significantly
		reduce the number of deaths
		and the number of people
		affected and decrease by [x]
		per cent the economic losses
		relative to gross domestic
		product caused by disasters,
		including water-related
		disasters, with a focus on
		protecting the poor and
		people in vulnerable
		situations -> C5 Safety and
		Security
		11.b By 2020, substantially
		increase the number of cities
		and human settlements
		adopting and implementing
		integrated policies and plans
		towards inclusion, resource
		efficiency, mitigation and
		adaptation to climate





		change, resilience to
		- ·
		disasters, and develop and
		implement, in line with the
		Sendai Framework for
		Disaster Risk Reduction 2015-
		2030, holistic disaster risk
		management at all levels ->
		C5 Safety and Security
		SDG 16 PROMOTE PEACEFUL
		AND INCLUSIVE SOCIETIES
		FOR SUSTAINABLE
		DEVELOPMENT, PROVIDE
		ACCESS TO JUSTICE FOR ALL
		AND BUILD EFFECTIVE,
		ACCOUNTABLE AND
		INCLUSIVE INSTITUTIONS AT
		ALL LEVELS
		16.2 End abuse, exploitation,
		trafficking and all forms of
		violence against and torture
		of children -> C5 safety &
		security
		16.5 Substantially reduce
		corruption and bribery in all
		their forms -> C5 safety &
		security
		16.10 Ensure public access to
		information and protect
		fundamental freedoms, in
		accordance with national
1		





		logiclation and international
		legislation and international
		agreements -> C5 safety &
		security
		16.a Strengthen relevant
		national institutions,
		including through
		international cooperation,
		for building capacity at all
		levels, in particular in
		developing countries, to
		prevent violence and combat
		terrorism and crime -> C5
		safety & security
		SDG 17 STRENGTHEN THE
		MEANS OF
		IMPLEMENTATION AND
		REVITALIZE THE GLOBAL
		PARTNERSHIP FOR
		SUSTAINABLE DEVELOPMENT
		17.8 Fully operationalize the
		technology bank and science,
		technology and innovation
		• ·
		capacity-building mechanism
		for least developed countries
		by 2017 and enhance the use
		of enabling technology, in
		particular information and
		communications technology -
		> C5 safety & security





					17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries -> C5 safety & security 17.17 Encourage and promote a active public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships> C5 safety & security
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ICT Access and Use in the LDCs, LLDCs and SIDS	ITU & UNCTAD	AL C2, C6	-	SDG 9, 10, 17	-
Building information foundation for knowledge societies in China	Posts and Telecom Press	C2. Information and communication infrastructure C3 .Access to information and knowledge C5. Building confidence and security in the use of ICTs C7 ICT Applications: E- government C7. ICT Applications: E- business C7. ICT Applications: E- learning C7. ICT Applications: E- environment	In this workshop, our keynote speakers will share information closely related to WSIS Actions Lines. The speeches will cover as many fields as possible which ICT has impact on. The content includes how to connect unconnected areas and vulnerable groups through construction of communication infrastructure. This will not only include building of FTTx network but also include information accessibility related opinions. Moreover, building confidence	SDG 1, 3, 4, 9, 10, 11, 12, 16, 17	The topics discussed in this workshop gave insights to promoting SDG in China, including standpoints on how to bridge the digital divide through infrastructure construction; themes on how to better utilize international cooperation to foster the realization of SDG; detailed information on how ICT impacts on different fields in China, which finally results in the realization of SDG. This workshop thus not only gives views on the development





in using ICT is also	of ICT in China from
concerned by all	policy to practice,
levels of stakeholders	but also gave
in China's whole	standpoints on how
country. In this case,	to better prepare
we will share	China for the
experiences and	realization of SDG.
achievements in	
protecting	
harassment or fraud	
calls.	
5G is an important	
factor to boost	
informationization	
process, which is a	
solid foundation for	
the knowledge	
society. From this	
perspective, the	
viewpoint that 5G	
ready network	
accelerates smart	
connection of	
everything will be	
specified.	
The workshop also	
aims to clarify and	
outline how ICT is	
deeply influencing	
Chinese society,	
include influences on	
education,	





			biodiversity, express delivery and etc. In a word, this workshop will not only draw the outline of informationization development in China from policy to practice, but will also give standpoints to how to better prepare for the knowledge society.		
Youth, Access to Knowledge and SDGs: Strategy for Building Youth Skills in Digital Technologies	UNESCO	C3 (Access to information and knowledge) and C7 (ICT Applications: Environment and E- science)		Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 6: Ensure access to water and sanitation for all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 11: Make cities inclusive, safe,	-





Global and local women technopreneurs; journey to success	eWorldwide Group	AL C1, C3, C4, C6, C8, C11	C1. The role of public governance authorities and all stakeholders in the promotion of ICTs for development - Through sharing of global experiences and personal recommendations for creating an enabling environment to promote ICTs for development C3. Access to information and knowledge	resilient and sustainable Goal 13: Take urgent action to combat climate change and its impacts; Goal 16: Promote just, peaceful and inclusive societies; Goal 17: Revitalize the global partnership for sustainable development; SDG 1, 2, 4, 5, 8, 10, 17	Goal 1: End poverty in all its forms everywhere - Through sharing recommendations for engagement of women technopreneurs/ICT professionals in economic and civic engagement to promote sustainable livelihoods, sustainable economic and financial well-
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- Through sharing	being and reduction
global experiences,	in poverty
lessons learned and	1,
recommendations for	Goal 2: End hunger,
government, women	achieve food security
and industry to	and improved
encourage, promote	nutrition and
and enable women's	promote sustainable
participation as ICT	agriculture
professionals and	
technopreneurs	- Through sharing
C4. Capacity building	case studies on
- Through specific	women's economic
recommendations for	empowerment for
the enhancement of	access to food
curriculum in STEM	security in their local
and	cultural context
entrepreneurship in	
education	Goal 4: Ensure
institutions (schools	inclusive and
and universities) to	equitable quality
ensure the successful	education and
engagement of	promote lifelong
women as ICT	learning
professionals and	opportunities for all
technopreneurs	
C6. Enabling	- Through specific
environment	recommendations for
- Through specific	the enhancement of
recommendations for	curriculum in STEM
policy enhancements	and entrepreneurship
for governments and	in education
	institutions (schools





industry to enable	and universities) to
women to	ensure the successful
successfully and	engagement of
safely engage with	women as ICT
STEM as ICT	professionals and
professionals and	technopreneurs
technopreneurs	
C8. Cultural diversity	Goal 5: Achieve
and identity,	gender equality and
linguistic diversity	empower all women
and local content	and girls
- Through sharing	
global experiences	- Through sharing
and	technopreneurs/ICT
recommendations to	professional's
enable women's	personal
holistic inclusion and	experiences, journey
engagement across	of success and
digital ecosystem and	lessons learned, a
STEM	deep insight will be
C11. International	shared to support
and regional	gender equality and
cooperation	empowerment
- Through specific	
recommendations for	- Through women
governments, policy	technopreneurs/ICT
makers, development	professionals
agencies,	inclusion into the
development	economy, ensure
practitioners,	reduction in gender
industry and civil	inequality and
society to cooperate	





	for the design and	empowerment of
	implementation of	women at grassroots
	key initiatives,	
	programs and	Goal 8: Promote
	interventions to	inclusive and
	holistically include	sustainable economic
	and engage the	growth, employment
	women at the local,	and decent work for
	national and regional	
	levels	
		- Through policy
	_	enhancements for
		governments and
		industry to enable
		women and girls to
		successfully and
		safely pursue their
		careers as ICT
		professionals and
		technopreneurs
		technopreneurs
		Goal 10: Reduce
		inequality within and
		among countries
		- Through sharing
		policy enhancements
		for governments and
		industry to enable
		women and girls to
		successfully and
		safely pursue their
		careers as ICT





		professionals and technopreneurs at the local, national and regional levels Goal 17: Revitalize the global
		partnership for sustainable development
		- Through specific recommendations for governments, policy
		makers, development agencies, development practitioners,
		industry and civil society to cooperate for the design and implementation of
		key initiatives, programs and interventions to
		holistically include and engage the women at the local, national and regional levels





Al For Good Global Summit	ITU	AL C1 – C11	AL C1 – C11	SDG 1 – 17	SDG 1 – 17
Cyber security best practices for the 2030 SDGs	United Nations International Computing Centre	AL C2, C3, C5, C6, C11	Information Security spans the WSIS Action Lines, as it is fundamental to all digital and online business and development efforts. Sharing security best practices across Agencies and areas of work can make a real difference in delivery of WSIS and SDG goals.	SDG 4, 7, 8, 9, 11, 13	-
Oral History of the Internet (OHI)	Cheung Kong School of Journalism and Communication in Shantou University	C8. Cultural diversity C8. Cultural exchange and information C8. Cultural heritage C8. Traditional knowledge. C11. International mechanisms C11. Regional action plan	-	-	-
e-Science: Global Change Research Data Publishing and Sharing for All	Chinese Academy of Sciences	-	-	SDGs: 1, 2, 6, 15	-





The Make Listening Safe Initiative	WHO and ITU	AL C5, C7 (E-health)	The session will highlight the need and means for developing safe ICT as a tool in hearing loss prevention.	SDG 3	Hearing health is an integral part of the overall health of humans. Improper use of technology is posing a challenge for hearing. Through awareness and innovation it is possible to address this challenge. Prevention of early onset of hearing loss due to recreational use of personal music players will contribute to achieving SDG#3 – good health and well-being.
Machine	International	C6 - Enabling	-	-	Goal 9: Build resilient
Learning for 5G	Telecommunicati on Union (ITU)	environment: Machine learning, 5G/IMT-2020 networks, future networks, wireless networks and communication environment.			infrastructure, promote sustainable industrialization and foster innovation: Self- optimization of future 5G network infrastructure using machine learning techniques
African Coordination meeting on WSIS Implementation	ITU, UAT/AUC, and UNECA	AL C1 – C11	-	The meeting facilitates the continued discussion of best ways of harnessing ICTs to support the implementation of the SDGs. Discussion focused on the contribution of ICT to the achievement of Goals 6, 7,	-





				11, 12 and 15 and 17. Of particular importance, was an open debate on, and discovery of, realistic mechanisms and instruments capable of helping African countries to implement the 2030 Agenda SDG (in line with UNGA Resolution A/70/1).	
Towards a single Africa Digital Market: Challenges and Opportunities	Rwanda (Rwanda Utilities Regulatory Authority-RURA)	C6-enabling environment C11-International and Regional Cooperation C2-Information and Communication Infrastructure	_	Partnerships to achieve the goal	-
Women in STEM as a business case for a better society	International Network of Women Engineers & Scientists	C3, C4, C7 (E- government, E- learning, E-science), C11	_	SDG 1, 4, 5, 8, 9, 10, 13, 16 and 17	_





Maximizing	ITU/ ITC/ UN	WSIS Action Line 1 -	WSIS Action Line 1 - The	SDG 5 and SDG 8	SDG 5 and SDG 8
impact for	Women/	The role of	role of governments and		
sustainable	WeConnect	governments and all	all stakeholders in the		
development:		stakeholders in the	promotion of ICTs for		
how core		promotion of ICTs	development WSIS Action		
business		for development	Line 2 - Information and		
activities can		WSIS Action Line 2 -	communication		
achieve a		Information and	infrastructure: an		
multiplier effect		communication	essential foundation for		
through equal		infrastructure: an	an inclusive information		
opportunity		essential foundation	society WSIS Action Line 3		
sourcing from		for an inclusive	- Access to information		
women owned		information society	and knowledge WSIS		
businesses.		WSIS Action Line 3 -	Action Line 8 - Cultural		
		Access to	diversity and identity,		
		information and	linguistic diversity and		
		knowledge WSIS	local content		
		Action Line 8 -			
		Cultural diversity			
		and identity,			
		linguistic diversity			
		and local content			





ICT	International	AL C4 and C5	The workshop supports	Goal 5, Goals 8 & 10 and Goal	Goal 5 - Promoting trust
Professional's	Federation for		Action Line C5 – Building	17	protects everyone and
Duty of Care in	Information		Confidence and Security in		indirectly promotes gender
protecting	Processing IP3		the Use of ICT. We will		diversity
everyone in the	110000000000000000000000000000000000000		articulate the necessity for		arteroley
Fourth			ensuring confidence and		Goals 8 & 10 - If trust is
Industrial			trust in the supply-side of		eroded the economy is
Revolution			ICT.		damaged - we will explain
Revolution					how to build and ensure
			An ICT industry that		trust. Competent ICT
			includes professional,		Practitioners can contribute
			competent and ethical		to the economy of their
			practitioners helps build		country by selling their
			capacity sustainably.		services locally and globally.
			capacity sustainably.		services locally and globally.
					Goal 17 - IFIP IP3 promotes
					and develops partnerships
					amongst a number of
					bodies and organizations.
How to apply	Raymond Morel,	AL C1 – C11	-	SDG 1 – 17	1. Actualized sciences and
and achieve the	Philip Koenig,				technology of 21st
17 SDGs in a	Mohamed				century. In particular we
world where	Balghouthi from				need to integrate faster
the evolution of	IFIP, G4, Social				latest knowledge in human
technology is	IN3				sciences, neurocogitivism,
exponential					epigenetics, STEM, NBIC.
and where					This should be done into
nearly all social					education, public and
and economic					private organizations, that
models are					have the mission to design,





key societal transitions and social, environmental and economical transformations required to reach SDGs / NDCs via Agenda 2030. This societal integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integral and holistic, meta perspectives. All our speakers support this potential and are engaged to open up these opportunities globally and locally. This is what Jacques Dubochet and Dirk Helbing will adress in particular I. 2. Theory of diffusion of innovation, applied to city / regions: in order to become regenerative by 2030 via the Agenda 2030 process, we would need about 7000 city regions to engage effectively into the societal SDGs / NDCs transitions by 2020. To have an effective	disrupted? The	deviation and avecute th	0
prerequisites, social, environmental and methodologies, structures and cultures 2030. This societal integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integration can be enhanced by wisdom of Great Traditions and First Nations, to have more integration can be enhanced by wisdom of Great Traditions and First Nations, to have more Nations, to have an effectively first what Jacques Dubochet and Dirk Helbing will address in particular. 2. Theory of diffusion of innovation, applied to city/ regions: in order to become regenerative by 2030 via the Agenda 2030 process, we	-		
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the Agenda 2030 process, we would need about 7000 city regions to engage effectively into the societal SDGs / NDCs transitions by 2020. To have an effective		regenerative by 2030 vi	а
we would need about 7000 city regions to engage effectively into the societal SDGs / NDCs transitions by 2020. To have an effective		the Agenda 2030 proces	ss,
effectively into the societal SDGs / NDCs transitions by 2020. To have an effective		we would need about 7	000
effectively into the societal SDGs / NDCs transitions by 2020. To have an effective		city regions to engage	
SDGs / NDCs transitions by 2020. To have an effective			etal
2020. To have an effective			
			•
l l l k efficient diffusion		& efficient diffusion	





		process we would need
		process, we would need
		many voluntary city regions
		: about 20 lighthouses
		representing all continents
		and different socio-
		economic realities, and 200
		pioneers city regions that
		will be exemplary and
		validate options for the
		greater good. See theory of
		diffusion of innovation
		States using federal
		principles, the 17 "not at
		war" countries, and the 5
		Small States are well
		positioned countries to
		work with Geneva,
		Switzerland and UNOG on
		this project.
		3. This architecture for the
		governance of these
		cities needs to be
		codesigned and
		orchestrated with new
		mindsets, new approaches,
		new organisations and
		cultures in order to be
		operational : hire systemic
		thinkers and actors, use
		systemic approaches and
		process, incl. for
		p. 00000, mon 101





		governance and systems, and cocreate living labs, as
		defined by
		MIT.
		We propose that all
		engaged city regions are
		more effective, reduce costs
		by 40%, by implementing a.
		an architecture of Living
		labs around current public,
		private and civil society
		organisations b. populate
		Living labs with systems
		thinkers and actors, c. use
		the latest systemic systems
		and computers, and a
		systemic governance in the
		sense of global goal number
		17. This is what Andrea
		<u>Bassi, and Bob Bishop</u>
		address in our workshop
		<u>G4 as Greater Geneva for</u>
		<u>Global Goals</u>
		4. The international
		Greater Geneva
		ecosystem is unique and
		should join forces, work as
		One, be exemplary to
		support the acceleration of





		the global opportunities for the global goals: i.e. to find, engage and monitor the mouvement of city regions, foster world wide best practices, share 21st century sciences & technology progress, embody wisdom of first nations, via UNOG, WEF, WBCSD, CERN, ICRC, UN Global Compact, UN SDG Lab,
		5. the local Greater Geneva societal players, should be such a lighthouse for Switzerland and the world, for all the international delegations passing thru Geneva and UNOG; it should work hand in hand with the international Greater Geneva and should involve and engage all local players like, Cantons of GE and VD, Lyon and Grenoble, IMD, EPFL, UNIGE - UNIL, HUG - CHUV, SIG Lab, Firmenich.





Global Framework for Digital Skills	UNESCO Institute for Statistics	C11. International and regional cooperation: The session refers to the Global Alliance to Monitor Learning (GAML), an example of an international mechanism to monitor indicators under SDG target 4.4 on ICT and digital literacy skills.	_	SDG 4	The session presents the work of the Global Alliance to Monitor Learning (GAML) task force on SDG target 4.4 regarding digital literacy skills. GAML is coordinated by the UNESCO Institute for Statistics, the custodian agency for SDG 4 indicators.





Building Vibrant ICT Centric Innovation Ecosystems: Session 4 Financing Mechanisms for Accelerating Digital Transformation	International Telecommunicat ion Union (ITU)	AL C1 – C11	-	SDG 9 and SDG 17	Innovation, Partnership and Global Collaboration
Arab Inter- Regional Consultation meeting on Digital technologies for Sustainable Development 2030 and related regional processes	United Nations Economics and Social Commission for Western Asia	AL C1, C2, C3, C4, C5, C6, C7 (E- business, E-learning, E-health), C11		SDG 3, 4, 8, 9, 10, 16, 17	Digital Technologies constitute a key driver of the fourth industrial revolution, with an impact on all socio- economic endeavors in developed and developing countries. Furthermore, technologies provide governments with options to achieve the individual targets set out in the 2030 Agenda this will strengthen governments and empower its citizens.
"Free Flow of Data: Panacea or Danger?" AND "Concentration	Association for Proper Internet Governance/Jus tNet Coalition	AL C1 and C2		Goals 8 and 10	The topics discussed are linked to ensuring prosperity for all that is reducing inequality





in Internet Services"					while fostering economic growth and employment.
A Dialogue on different cooperation models for approaches to Internet Public Policy development	Internet Corporation for Assigned Names and Numbers (ICANN)	AL C11		SDG 17	
Promoting Internet Universality Indicators as a comprehensive tool for achieving SDGs	United Nations Educational, Scientific and Cultural Organization (UNESCO)	AL C1, AL C2, AL C3, AL C4, AL C5, AL C7 E-gov, AL C7 E- Science, AL C8, AL C9, AL C10, AL C 11	The session crosscuts with all Action Lines since the concept and indicators of Internet Universality is a broad framework to measure comprehensively the ICTs policies at national level.	Goal 1: End Poverty in all its form everywhere; Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 5: Achieve gender equality and empower all women and girls; Goal 16: Promote just, peaceful and inclusive societies	Building on the vibrant consultation that UNESCO conducted on defining UNESCO Internet Universality Indicators at WSIS Forum 2017, this High Level session presents the first draft of the "Internet Universality Indicators" and assesses their utility as a comprehensive tool to help states and stakeholders to measure Internet policies in support of achieving 2030 Sustainable





					Development Agenda at national levels.
An End to Electronic Waste	UN Environment/Int ernational Telecommunicat ion Union/UN Environment Management Group	AL C7 E-Environment	The transition towards a more digital world and a growing information society and economy offer unprecedented opportunities for sustainable development. At the same time, they contribute to the growth of the global consumption of electrical and electronic equipment, and – consequently – to growing amounts of electronic waste. Used, broken, or obsolete equipment, such as phones, laptops, sensors, TVs, and fridges contain substances that pose considerable human health and environmental risks, especially if treated inadequately. Today, most e-waste is not properly documented and not treated through	Goal 3: Ensure healthy lives and promote well-being for all; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 12: Ensure sustainable consumption and production patterns	 3.9 – by 2030 substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination. 8.3 – promote development- orientated policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage formalization and growth of micro-small and medium-sized enterprises including through access to financial services. 8.8 – protect labour rights and promote





oppropriato reguliaz	cofe and secure
appropriate recycling	safe and secure
chains and methods,	working environments
whilst circular economy	of all workers,
thinking has not been fully	including migrant
adopted. As a result, the	workers, particularly
amount of electronic	women migrants, and
waste, or e-waste, is	those in precarious
growing rapidly and large	employment.
dump sites exist	
throughout the world.	11.6 – by 2030, reduce
	the adverse per capita
	environmental impact
	of cities, including by
	paying special
	attention to air quality,
	municipal and other
	waste management.
	12.4 – by 2020,
	achieve the
	environmentally sound
	management of
	chemicals and all
	wastes throughout
	their life cycle, in
	accordance with
	agreed international
	frameworks, and
	significantly reduce
	their release to air,
	water and soil in order
	to minimize their





		adverse impacts on human health and the environment.
		12.5 – by 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse.





The Skills	International	AL C4; AL C7	In line with WSIS Action Line	Goal 4: Ensure inclusive	Digital skills (advanced, mid-
Mismatch: the	Telecommunication	E-	4, the discussion aims to	and equitable quality	level, basic,
digital skills	Union (ITU) and	Employment	increase the effectiveness of	education and promote	entrepreneurship and soft
employers are	International Labour		education and training	lifelong learning	skills) are increasingly
looking for	Organization (ILO)		systems by analyzing the	opportunities for all;	needed for nearly all jobs
			skills needed in the digital	Goal 5: Achieve gender	and professional careers.
			economy. As outlined in WSIS	equality and empower all	Understanding the skills
			Action Line 4, capacity	women and girls;	demanded in the labour
			building and ICT literacy are	Goal 8: Promote inclusive	market is thus essential to
			essential if we want everyone	and sustainable economic	ensure young women and
			to benefit from the	growth, employment and	men are equipped with
			Information Society. In order	decent work all;	relevant, transferable, job-
			for these capacity building		relevant digital skills. This is
			activities to be effective it is		in line with SDG 4.3 which
			essential to understand what		calls for equal access for
			kinds of profiles and skills		women and men to
			employers are looking for to		affordable and relevant
			make sure young people are		education and SDG 4.4
			equipped with the relevant		which calls for increasing
			skills for the current labour		the number of youth and
			market.		adults with relevant skills
			The increased presence of		for employment.
			ICTs in work environments is		SDGs 5.5 and 5.b are
			also intended as a means to		addressed through guiding
			achieve more sustainable		young people, universities
			environments for workers,		and training providers on
			foster job creation and		the skills needed to ensure
			address the current youth		young women and men
					alike can pursue successful





2008-2018: A decade of the COP Initiative – Priorities for the future of youth empowerment online	International Telecommunication Union (ITU)	AL C5	employment crisis, in line with WSIS Action Line 7.	Goal 5: Achieve gender equality and empower all women and girls; Goal 17: Revitalize the global partnership for sustainable development	professional careers in the digital economy. Considering the number and quality of jobs available for young people with digital skills, the discussion will provide a better understanding of the digital skills demanded in the digital economy thus addressing the current youth employment crisis in line with SDGs 8.5 and 8.6.
Saudi Vision 2030 and the future smart education	The Kingdom of Saudi Arabia	AL C1; AL C2; AL C7 E- Learning	C1. The role of governments and all stakeholders in the promotion of ICTs for development C2. Information and communication infrastructure: An essential foundation for the Information Society	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 5: Achieve gender equality and empower all women and girls;	 Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all Achieve gender equality and empower all women and girls




			C7. ICT applications: benefits in all aspects of life (e- learning)		
Transforming an LDC into a Digital Nation Powered by an Innovation Ecosystem: A story of Development Leapfrogging	Government of the People's Republic of Bangladesh	AL C1; AL C3; AL C4; AL C7 E- Government; AL C7 E- Business; AL C7 E- Learning; AL C7 E-Health; AL C7 E- Agriculture		Goal 1: End poverty in all its forms everywhere; Goal 3: Ensure healthy lives and promote well- being for all; Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 5: Achieve gender equality and empower all women and girls; Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation;	





Goal 10: Reduce inequality within and among countries; Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 13: Take urgent action to combat climate change and its impacts;	
among countries; Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 13: Take urgent action to combat climate change and its impacts;	
Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 13: Take urgent action to combat climate change and its impacts;	
inclusive, safe, resilient and sustainable; Goal 13: Take urgent action to combat climate change and its impacts;	
and sustainable; Goal 13: Take urgent action to combat climate change and its impacts;	
Goal 13: Take urgent action to combat climate change and its impacts;	
action to combat climate change and its impacts;	
change and its impacts;	
Goal 16: Promote just,	ĺ
peaceful and inclusive	
societies;	
Goal 17: Revitalize the	
global partnership for	
sustainable development;	
Is Africa ready for ACSIS - African Civil AL C1; AL C2; - Goal 1: End poverty in all -	
a Digital Society on the AL C3; AL C4; its forms everywhere;	
Transformation ? Information Society AL C5; AL C6; Goal 2: End hunger,	
AL C7 E- achieve food security and	
Government; improved nutrition and	
AL C7 E- promote sustainable	
Business; AL agriculture;	
C7 E- Goal 3: Ensure healthy	
Learning; AL lives and promote well-	
C7 E-Health; being for all;	
AL C7 E- Goal 4: Ensure inclusive	
Employment; and equitable quality	
AL C7 E- education and promote	
Environment; lifelong learning	
AL C7 E- opportunities for all;	
Agriculture;	





AL C7 E-	Goal 5: Achieve gender
Science; AL	equality and empower all
C8; AL C9; AL	women and girls;
C10; AL C11.	Goal 6: Ensure access to
	water and sanitation for
	all;
	Goal 7: Ensure access to
	affordable, reliable,
	sustainable and modern
	energy for all;
	Goal 8: Promote inclusive
	and sustainable economic
	growth, employment and
	decent work all;
	Goal 9: Build resilient
	infrastructure, promote
	sustainable
	industrialization and
	foster innovation;
	Goal 10: Reduce
	inequality within and
	among countries;
	Goal 11: Make cities
	inclusive, safe, resilient
	and sustainable;
	Goal 12: Ensure
	sustainable consumption
	and production patterns;
	Goal 13: Take urgent
	action to combat climate
	change and its impacts;





The Need for An Evidence-Based Approach to Tackle the Gender Digital Divide	EQUALS Global Partnership for Gender Equality in the Digital Age	AL C3; AL C11		Goal 14: Conserve and sustainably use the oceans, seas and marine resources; Goal 15: Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss; Goal 16: Promote just, peaceful and inclusive societies; Goal 17: Revitalize the global partnership for sustainable development; Goal 5: Achieve gender equality and empower all women and girls;	EQUALS is a ground- breaking global network delivered by a committed partnership of corporate leaders, governments, non- profit organizations, communities and individuals around the world working together to bridge the digital gender divide – by bringing women to tech, and tech to women – and in so doing, bettering the lives of millions worldwide.
Promotion of the ideals and	GIMUN	AL C3; AL C4	-	Goal 8: Promote inclusive and sustainable economic	-





principles of the United Nations among the youth				growth, employment and decent work all;	
ICT Solutions for SDGs: Focus on Apps and Online Technology	ITU and Partners	AL C3; AL C7 E-Learning; AL C7 E- Health	Innovators and Entrepreneurs will discuss how their technological efforts contributes to health, medicine, education. The future for technology will also be discussed.	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation;	This session provides an avenue for insight to be provided on the practical efforts of individuals to expand online sustainable infrastructure and inclusiveness in education, health, empowerment and much more.
Achieving an inclusive society by designing and implementing accessible ICTs	ITU-T Joint Coordination Activity on Accessibility and Human Factors	AL C3	-	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 10: Reduce inequality within and among countries;	-
IST- Africa/mHealth4 Afrika	IST-Africa Institute	AL C1; AL C2; AL C3; AL C4; AL C5; AL C6; AL C7 E-	The activities of the IST-Africa Institute are strongly aligned with C1, C2, C3, C4, C5, C6, C7, C8, C10 and C11.	Goal 3: Ensure healthy lives and promote well- being for all;	While the activities of IST- Africa are complementary to many of the UN SDGs, what IST-Africa and





		Health; AL C7		Goal 17: Revitalize the	mHealth4Afrika share in
		E-Science; AL	This informed the approach	global partnership for	common is alignment with
		C8; AL C9; AL	taken to mHealth4Afrika,	sustainable development;	SDG 3 and SDG 17.
		C10; AL C11	which is focused on eHealth.		
Accelerating	UAE	AL C1; AL C2;	-	Goal 8: Promote inclusive	-
Smart Gov		AL C5; AL C6;		and sustainable economic	
Services		AL C7 E-		growth, employment and	
		Government		decent work all;	
				Goal 9: Build resilient	
				infrastructure, promote	
				sustainable	
				industrialization and	
				foster innovation;	
				Goal 10: Reduce	
				inequality within and	
				among countries;	
				Goal 11: Make cities	
				inclusive, safe, resilient	
				and sustainable;	
ALFM Action Line	UNESCO	AL C4; AL C8;	C9 Media	Goal 1: End poverty in all	SDG 1, Focus of the action
C9: Strengthening		AL C9		its forms everywhere;	line C4 includes
the role of media				Goal 2: End hunger,	development of domestic
and social media				achieve food security and	policies to ensure that ICTs
in relation to the				improved nutrition and	are fully integrated in
SDGs				promote sustainable	education and training at all
				agriculture;	levels, including in
				Goal 3: Ensure healthy	curriculum development,
				lives and promote well-	teacher training,
				being for all;	institutional administration
				Goal 4: Ensure inclusive	and management, in
				and equitable quality	support of the concept of





	education and promote lifelong learning opportunities for all; Goal 5: Achieve gender equality and empower all women and girls; Goal 6: Ensure access to water and sanitation for all; Goal 12: Ensure sustainable consumption and production patterns; Goal 13: Take urgent action to combat climate change and its impacts; Goal 14: Conserve and sustainably use the oceans, seas and marine resources; Goal 16: Promote just, peaceful and inclusive societies; Goal 17: Revitalize the global partnership for sustainable development;	lifelong learning. Creation of policy frameworks requires stakeholder engagement, analysis and interpretation of data for targeted policy interventions which can be achieved through skills development programmes. SDG 2, With the emergence of e-agriculture and the growing need for the knowledge in the use of ICT's, capacity building interventions focused at development and promotion of programmes to eradicate illiteracy using ICTs at national, regional and international levels, will contribute to knowledge growth and inclusion. It also focuses on building the capacity to use ICT tools to increase crop production, adopt modern farming methods, predict weather patterns, and in the process work towards eliminating hunger and creating food security.
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		SDG 3, To support research
		and strengthen capacity of
		developing countries for
		early warning, risk reduction
		and management of
		national global health risks,
		activities include design of
		specific training
		programmes in the use of
		ICTs in order to meet the
		educational needs of
		information professionals,
		such as archivists, librarians,
		museum professionals,
		scientists, teachers,
		journalists, postal workers
		and other relevant
		professional groups which
		focuses not only on new
		methods and techniques for
		the development and
		provision of information
		and communication
		services, but also on
		relevant management skills
		to ensure the best use of
		technologies.
		SDG 4, Action line C4
		focuses on development
		and promotion of
		programmes to eradicate





illiteracy using ICTs at national, regional and international levels, with
the aim of increasing the
number of people with
relevant ICT skills and to
facilitate employment and
entrepreneurship in the ICT
sector.
SDG 5, Work on removing
the gender barriers to ICT
education and training and
promoting equal training
opportunities in ICT-related
fields for women and girls,
is part of the action line,
with early intervention
programmes in science and
technology targeting young
girls with the aim of
increasing the number of
women in ICT careers as
well as promotion the
exchange of best practices
on the integration of gender
perspectives in ICT
education.
SDG 6, Development of
distance learning, training
and other forms of





		education and training as part of capacity building programmes, is part of the capacity building initiatives that supports countries interventions giving special attention to developing countries and especially LDCs in different levels of human resources development.
		SDG 12, Raising awareness on sustainable consumption and production in today's era requires the use of technology. The action line therefore impacts on this SDG by enhancing technological capacity of countries through training and development initiatives that target ICT's and related areas, as well as building a more inclusive information society.
		SDG 13, Action line C4 promotes creation by governments, in cooperation with other stakeholders, of





		programmes for capacity building with an emphasis on building a critical mass of qualified and skilled ICT professionals and experts.
		SDG 14, Empowering communities in ICT use and promoting the production of useful and socially meaningful content is a capacity building intervention that can increase scientific knowledge and promote innovation and research.
		SDG 16, The C4 action line focuses on promotion of international and regional cooperation in the field of capacity building, including country programmes developed by the United Nations and its Specialized Agencies.
		SDG 17, Capacity building initiatives contributes to the SDG through the design and implementation of regional and international





					cooperation activities to enhance the capacity, notably, of leaders and operational staff in developing countries and LDCs, to apply ICTs effectively in the whole range of educational activities. Also through the launch of pilot projects to design new forms of ICT- based networking, linking education, training and research institutions between and among developed and developing countries and countries with economies in transition.
Facilitation Meeting for Action Lines C1, C7 eGov, C11	United Nations Department of Economic and Social Affairs	AL C1; AL C7 E- Government; AL C11	-	Goal 1: End poverty in all its forms everywhere; Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture; Goal 3: Ensure healthy lives and promote well- being for all; Goal 4: Ensure inclusive and equitable quality education and promote	Digital government is an important factor for achieving the SDGs and can generate benefits in the form of eliminating poverty and increasing prosperity. Exploiting ICTs through digital government has far- reaching potential in improving public services that are critical to the poor. ICTs can ensure inclusion





lifelong learning	and participation to fulfil
opportunities for all;	the motto of leaving no one
Goal 5: Achieve gender	
equality and empower all	behind. Increasing access to
women and girls;	digital technologies brings
Goal 6: Ensure access to	more choice and greater
water and sanitation for	convenience for the most
all;	vulnerable. Through
Goal 7: Ensure access to	inclusion, and innovation,
affordable, reliable,	poor and disadvantaged are
sustainable and modern	provided by opportunities
energy for all;	that were previously out of
Goal 8: Promote inclusive	reach. Governments by
and sustainable economic	
growth, employment and	1 0 1
decent work all;	existing ones that are
Goal 9: Build resilient	critical to the poor in ending
infrastructure, promote	poverty, hunger and
sustainable	achieving food security as
industrialization and	well as ensuring healthy
foster innovation;	lives and empowering
Goal 10: Reduce	women and girls.
inequality within and	
among countries;	
Goal 11: Make cities	
inclusive, safe, resilient	
and sustainable;	
Goal 12: Ensure	
sustainable consumption	
and production patterns;	





Action Line C6:	International	AL C6	This session is directly linked	Goal 13: Take urgent action to combat climate change and its impacts; Goal 14: Conserve and sustainably use the oceans, seas and marine resources; Goal 15: Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss; Goal 16: Promote just, peaceful and inclusive societies; Goal 17: Revitalize the global partnership for sustainable development; Goal 9: Build resilient	
Enabling Environment	Telecommunication Union (ITU)		to AL C6 - Enabling Environment.	infrastructure, promote sustainable industrialization and foster innovation;	
Action Line C7 - Building a Framework for Digital Innovation in Agriculture	Food and Agriculture Organization / International Telecommunication Union	AL C7 E- Agriculture	The sessions is linked to the WSIS Action Line C7 focused on using ICT applications for e-Agriculture. More specifically, e-Agriculture involves the	Goal 1: End poverty in all its forms everywhere; Goal 2: End hunger, achieve food security and improved nutrition and	Digital innovation has the potential to transform the approach to all 17 SDGs. Specifically, the development of a strategic framework for digital





			conceptualization, design, development, evaluation and application of in innovative ways to use information and communication technologies (ICT) in the rural domain, with a primary focus on agriculture. The session directly links with this Action Lines and proposes a framework for systematically integrating e-Agriculture at the national level through the creation of a digital innovation ecosystem that supports and fosters the creation and use of ICTs to empower smallholder and family farmers and fishers and improve productivity in food systems as a whole.	promote sustainable agriculture; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 13: Take urgent action to combat climate change and its impacts;	innovation in the food and agriculture sector will provide a systematic process and sustainable business model for creating, testing, funding, and scaling new digital solutions to achieving the SDGs, particularly 1, 2, 8, and 13. Through this process, youth entrepreneurship, capacity development, and multi- stakeholder partnerships will be formed that will enable a permanent and systematic approach to integrate digital technologies and innovation into local communities and national action plans. These activities contribute to SDGs 1, 2, 6, 8, 9, 13, 14 and 15 as well as establishing business models to produce new ideas and products aimed at contributing and achieving all the SDGs.
We Need Trust!	Patrick D. Amon	AL C1; ALC2; AL C3; AL C4; AL C5; AL C6; AL C7 E- Government;	-	Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all;	-





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		AL C7 E-		Goal 9: Build resilient	
		Business; AL		infrastructure, promote	
		C7 E-		sustainable	
		Learning; AL		industrialization and	
		C7 E-Health;		foster innovation;	
		AL C7 E-			
		Employment;			
		AL C7			
		Environment;			
		AL C7 E-			
		Agriculture;			
		AL C7 E-			
		Science; AL			
		C9; AL C10;			
		AL C11.			
Universal Design	Oslo and Akershus	AL C1; AL C3;	The United Nations	Goal 3: Ensure healthy	-
as a Mechanism	University College of	AL C4; AL C6;	Committee on the Rights of	lives and promote well-	
for Sustainable	Applied Sciences	AL C7 E-	Persons with Disabilities has	being for all;	
Development		Health; AL	suggested that Universal	Goal 4: Ensure inclusive	
		C8; AL C10	Design of technology and	and equitable quality	
			related principles such as	education and promote	
			technology accessibility	lifelong learning	
			provides a useful mechanism	opportunities for all;	
			for realizing the right of	Goal 5: Achieve gender	
			persons with disabilities to	equality and empower all	
			participate in society on an	women and girls;	
			equal basis with others. As	Goal 9: Build resilient	
			such, this session aims to	infrastructure, promote	
			examine the role of State	sustainable	
			actors in promoting universal	industrialization and	
			design of technology (C1),	foster innovation;	
			the accessible design of	,	





			technology used to	Goal 10: Reduce	
			communicate knowledge and	inequality within and	
			information (C3), the	among countries;	
			opportunities that universal	among countries,	
			design provides for building		
			capacity in institutions		
			involved in Global North-		
			South cooperation (C4), the		
			role of technology in creating		
			environments that enable		
			persons with disabilities to		
			participate in society (C6),		
			applications of universal		
			design in e-health (C7),		
			universal design as a		
			mechanism for raising		
			awareness of social and		
			cultural diversity (C8), the		
			ethical aspects of the digital		
			divide (C10).		
Collaboration	Access Partnership	AL C1; AL C2;	Cyber-attacks undermine	Goal 5: Achieve gender	Looking at cybersecurity
Between		AL C3; AL C4;	trust in the ICT ecosystem,	equality and empower all	through the lens of the
Stakeholders to		AL C5; AL C11	and this in turn imperils the	women and girls;	Sustainable Development
Ensure a More			SDGs. In this session, we will	Goal 9: Build resilient	Goals (SDGs) demonstrates
Secure and Stable			discuss the idea of building a	infrastructure, promote	the socio-economic
Cyberspace			collaborative cyberspace that	sustainable	importance of trust in and
			fosters state-to-state,	industrialization and	security of the digital
			industry-to-industry, and	foster innovation;	environment. Effective use
			state-to-industry dialogue to	Goal 11: Make cities	of innovative technologies is
			strengthen trust between	inclusive, safe, resilient	critical to the realization of
			these stakeholders. We will	and sustainable;	many of the SDGs, and the
			also touch on the role of the		path to those goals would





confidence-building ICT adoption, or simply measures to foster through the financial and trustworthiness in the personal costs of cyber- international ICT ecosystem, attacks. Following are sord and on how to support capacity building by various stakeholders. goals can be furthered by Develop industry, innovation, and infrastructure (SDG 9): ICC can enable better management of infrastructure roll-out and infrastructure roll-out and and provide additional business opportunities ar market intelligence throu online services. Achieve gender equality a empower all women and girls (SDG 5): ICT can enal access to information and services that empower		measures to foster trustworthiness in the international ICT ecosystem, and on how to support capacity building by various	Goal 17: Revitalize the global partnership for sustainable development;	through the financial and personal costs of cyber- attacks. Following are some examples of how select SDG goals can be furthered by the trusted use of ICTs: Develop industry, innovation, and infrastructure (SDG 9): ICT can enable better management of infrastructure roll-out and maintenance, increase agricultural productivity, and provide additional business opportunities and market intelligence through online services. Achieve gender equality an empower all women and girls (SDG 5): ICT can enable access to information and services that empower women to participate and
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					business. Capacity building and user education on staying safe online can boost technology use to this end. Make cities inclusive, safe, resilient and sustainable (SDG 11): ICT can enable sensing and communication technologies to more efficiently use resources, detect and mitigate natural disasters. Revitalize the global partnership for sustainable development (SDG 17): ICT can connect people and institutions, enable sharing of information, and ultimately further the cross- pollination of ideas and innovation across industries.
Broadband Commission Dialog at WSIS Forum	The Broadband Commission Secretariat	AL C1; AL C2; AL C3; AL C4; AL C5; AL C6; AL C7 E- Government; AL C7 E- Business; AL C7 E- Learning; AL	-	Goal 1: End poverty in all its forms everywhere; Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture;	-





C7 E-Health;	Goal 3: Ensure healthy
AL C7	lives and promote well-
Employment;	being for all;
AL C7 E-	Goal 4: Ensure inclusive
Environment;	and equitable quality
AL C8; AL C9;	education and promote
AL C10; AL	lifelong learning
C11	opportunities for all;
	Goal 5: Achieve gender
	equality and empower all
	women and girls;
	Goal 6: Ensure access to
	water and sanitation for
	all;
	Goal 7: Ensure access to
	affordable, reliable,
	sustainable and modern
	energy for all;
	Goal 8: Promote inclusive
	and sustainable economic
	growth, employment and
	decent work all;
	Goal 10: Reduce
	inequality within and
	among countries;
	Goal 11: Make cities
	inclusive, safe, resilient
	and sustainable;
	Goal 12: Ensure
	sustainable consumption
	and production patterns;





				Cool 12: Take unaged	
				Goal 13: Take urgent	
				action to combat climate	
				change and its impacts;	
				Goal 14: Conserve and	
				sustainably use the	
				oceans, seas and marine	
				resources;	
				Goal 15: Sustainably	
				manage forests, combat	
				desertification, halt and	
				reverse land degradation,	
				halt biodiversity loss;	
				Goal 16: Promote just,	
				peaceful and inclusive	
				societies;	
				Goal 17: Revitalize the	
				global partnership for	
				sustainable development;	
UNESCO OER	UNESCO		-	Goal 4: Ensure inclusive	-
Recommendation				and equitable quality	
				education and promote	
				lifelong learning	
				opportunities for all;	
Free To Air as the	European	AL C2; AL C3;	C2) FTA offer and distribution	Goal 4: Ensure inclusive	In doing so FTA offer is one
enabler of	Broadcasting Union in	AL C8; AL C9;	is one particular form of	and equitable quality	enabler of the sustainable
original local	partnership with	AL C10	service of the communication	education and promote	development goals n. n. 4 -
content	World Intellectual		and information	lifelong learning	10 - 11 - 12. GOAL 4: Quality
	Property Organisation		infrastructure C3) because	opportunities for all;	Education - because FTA
	& UNESCO		FTA offer is the best and		offer can reach virtually all
			currently most popular way		the population already





			to guarantee access to audiovisual contents to 95% of the world population C8) FTA is an enabler of cultural diversity and of local contents C9) FTA and copyright together create conditions for sustainable and diverse media C10) the concept itself of FTA is based on an ethical dimension of society where every individual deserve respect and attention	Goal 10: Reduce inequality within and among countries; Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 12: Ensure sustainable consumption and production patterns;	today with the existing platforms GOAL 10: Reduced Inequality - because FTA -as the name indicates- is accessible to everybody and doesn't discriminate people that can afford from those that cannot, educated or non educated, and so on. GOAL 11: Sustainable Cities and Communities - Because FTA offer help to create communities and to bridge gaps and divisions in society. GOAL 12: Responsible Consumption and Production - Because FTA offer enables favorable conditions for local, national and language diversity based productions. And especially when is joined to copyrigt, create conditions for local creatitvity to florish and access international markets and platforms.
How Can We Prepare Kids For Jobs That Don't Exist Yet?	IT STEP Academy	AL C4	Education for Children and Capacity Building for organisations are two interlinked topics. We will speak about education	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all;	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. New technologies also





			approaches needed to ensure the most efficient capacity building for the future economy.		make education accessible and inclusive. However, only technology cannot be transformative. We also need transformative pedagogy.
Smart cities : Policies and regulatory frameworks to better align smart cities strategies with SDGs	Arianous ICTD Co.	AL C1; AL C3; AL C4; AL C6; AL C11	 The role of governments and all stakeholders in the promotion of ICTs for development. Cooperation among stakeholders Millennium Declaration Mainstreaming ICTs Multi Stakeholder Partnership (MSP) Multi-stakeholder portals for indigenous peoples National e-strategies Public/Private Partnerships (PPP). Access to information and knowledge Access to scientific knowledge Digital public libraries and archives ICTs for all 	Goal 1: End poverty in all its forms everywhere; Goal 3: Ensure healthy lives and promote well- being for all; Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 11: Make cities inclusive, safe, resilient and sustainable;	G1) 1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance 1.5 By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate- related extreme events and other economic, social and environmental shocks and disasters 1.b Create sound policy





Multi-purpose community	frameworks at the national,
public access points	regional and international
Open source, proprietary	levels,
and free software	based on pro-poor and
Public access to	gender-sensitive
information	development strategies, to
 Public domain information. 	support accelerated
	investment in poverty
4) Capacity building	eradication actions
Basic literacy	G3) 3.3 By 2030, end the
Distance learning	epidemics of AIDS,
Education/training	tuberculosis, malaria and
• E-literacy	neglected tropical
• Gender	diseases and combat
Combating illiteracy	hepatitis, water-borne
Life-long learning	diseases and other
 Research and development 	communicable diseases
(R&D)	3.7 By 2030, ensure
Self-learning	universal access to sexual
Teacher training	and reproductive health-
 Training ICT professionals 	care services,
Volunteering	including for family
• Youth	planning, information and
	education, and the
6) Enabling environment	integration of
Consumer protection	reproductive health into
Dispute settlement	national strategies and
Domain name	programmes
management	3.8 Achieve universal health
• E-commerce	coverage, including financial
• E-government strategy	risk protection, access to
Entrepreneurship	quality





ICT forums	essential health-care
 Intellectual property 	services and access to safe,
Internet governance	effective, quality and
• Legal, regulatory and policy	affordable essential
environment	medicines and vaccines for
Privacy	all
Radio frequency spectrum	3.b Support the research
Regional root servers	and development of
 Secure storage and archival 	vaccines and medicines for
Small and medium sized	the
enterprises (SMEs)	communicable and non-
Standardization	communicable diseases that
	primarily affect developing
11) International and regional	countries,
cooperation	provide access to affordable
 Financing of ICT networks 	essential medicines and
and services	vaccines, in accordance with
 Infrastructure development 	the
projects	Doha Declaration on the
 International mechanisms 	TRIPS Agreement and Public
 Progress evaluation 	Health, which affirms the
 Regional action plan 	right of
 UN global compact. 	developing countries to use
	to the full the provisions in
	the Agreement on Trade-
	Related
	Aspects of Intellectual
	Property Rights regarding
	flexibilities to protect public
	health, and, in
	particular, provide access to
	medicines for all





	3.d Strengthen the capacity
	of all countries, in particular
	developing countries, for
	early
	warning, risk reduction and
	management of national
	and global health risks
	G7) 7.1 By 2030, ensure
	universal access to
	affordable, reliable and
	modern energy services
	7.a By 2030, enhance
	international cooperation to
	facilitate access to clean
	energy
	research and technology,
	including renewable energy,
	energy efficiency and
	advanced and cleaner fossil-
	fuel technology, and
	promote investment in
	energy
	infrastructure and clean
	energy technology
	7.b By 2030, expand
	infrastructure and upgrade
	technology for supplying
	modern
	and sustainable energy
	services for all in developing
	countries, in particular least
	developed countries, small





	island developing States,
	and land-locked developing
	countries, in accordance
	with their respective
	programmes of support
	G8) 8.1 Sustain per capita
	economic growth in
	accordance with national
	circumstances and,
	in particular, at least 7 per
	cent gross domestic product
	growth per annum in the
	least
	developed countries
	8.2 Achieve higher levels of
	economic productivity
	through diversification,
	technological
	upgrading and innovation,
	including through a focus on
	high-value added and
	labourintensive
	sectors
	8.3 Promote development-
	oriented policies that
	support productive
	activities, decent job
	creation, entrepreneurship,
	creativity and innovation,
	and encourage the
	formalization
	and growth of micro-, small-





enterprises, including through access to financial services 8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value 8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products 8.10 Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all G9) 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, including regional and transborder infrastructure,		and medium-sized
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8.10 Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all G9) 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		
Image: state stat		
financial institutions to encourage and expand access to banking, insurance and financial services for all G9) 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		8.10 Strengthen the
Image: second		capacity of domestic
access to banking, insurance and financial services for all G9) 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		financial institutions to
and financial services for all G9) 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		encourage and expand
G9) 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		access to banking, insurance
reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		and financial services for all
reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic		G9) 9.1 Develop quality,
resilient infrastructure, including regional and transborder infrastructure, to support economic		
including regional and transborder infrastructure, to support economic		
transborder infrastructure, to support economic		
to support economic		
		development and human





	well-being, with	
	a focus on affordable an	d
	equitable access for all	
	9.3 Increase the access of	of
	small-scale industrial and	
	other enterprises, in	
	particular in	
	developing countries, to	
	financial services, includ	
	affordable credit, and th	_
	integration	
	into value chains and	
	markets	
	9.4 By 2030, upgrade	
	infrastructure and retrof	fit
	industries to make them	
	sustainable, with	
	increased resource-use	
	efficiency and greater	
	adoption of clean and	
	environmentally sound	
	technologies and industr	rial
	processes, with all count	tries
	taking action in accordar	nce
	with	
	their respective capabilit	ties
	9.a Facilitate sustainable	Ś
	and resilient infrastructu	ıre
	development in develop	ing
	countries	
	through enhanced finan	cial,
	technological and techni	ical





	support to African	
	countries, least	
	developed countries,	
	landlocked developing	
	countries and small island	ł
	developing States	
	9.c Significantly increase	
	access to information and	ł
	communications technolo	ogy
	and strive	
	to provide universal and	
	affordable access to the	
	Internet in least develope	d
	countries	
	by 2020	
	G11) 11.3 By 2030, enhan	ice
	inclusive and sustainable	
	urbanization and capacity	/
	for participatory,	
	integrated and sustainabl	е
	human settlement planni	ng
	and management in all	
	countries	
	11.4 Strengthen efforts to)
	protect and safeguard the	ē
	world's cultural and natur	ral
	heritage	
	11.5 By 2030, significantly	/
	reduce the number of	
	deaths and the number o	f
	people affected	
	and decrease by [x] per ce	ent





	the economic losses relative
	to gross domestic product
	caused
	by disasters, including
	water-related disasters,
	with a focus on protecting
	the poor and
	people in vulnerable
	situations
	11.6 By 2030, reduce the
	adverse per capita
	environmental impact of
	cities, including by
	paying special attention to
	air quality and municipal
	and other waste
	management
	11.b By 2020, substantially
	increase the number of
	cities and human
	settlements adopting
	and implementing
	integrated policies and
	plans towards inclusion,
	resource efficiency,
	mitigation and adaptation
	to climate change, resilience
	to disasters, and develop
	and
	implement, in line with the
	Sendai Framework for
	Disaster Risk Reduction





					2015-2030, holistic disaster risk management at all levels
Multistakeholder Decision Making in Global Internet Governance	Noncommercial Users Constituency of ICANN	AL C1; AL C6; AL C11	The Outcome document of the high-level meeting of the General Assembly on the overall review of the implementation of the outcomes of the World Summit on the Information Society (UN GA A/70/L.33, 13 December 2015) notes, at paragraph 62, "the important regulatory and legislative processes in some Member States on the open Internet in the context of the information society and the underlying drivers for it, and call for further information- sharing at the international level on the opportunities and challenges."	Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 16: Promote just, peaceful and inclusive societies;	An open, interoperable, universally accessible and thriving Internet environment is a key enabler of progress on the SDGs. This session concerns the governance architecture needed to maintain that environment.
How can technology be a	Research ICT Africa	AL C2; AL C3; AL C4; AL C5;	-	Goal 1: End poverty in all its forms everywhere;	-
force for good in Africa?		AL C6; AL C8; AL C10; AL C11		Goal 2: End hunger, achieve food security and improved nutrition and	
				promote sustainable agriculture;	





Recipes for success: The funding dimensions of capacity development	DiploFoundation / Geneva Internet Platform	AL C1; AL C2; AL C3; AL C4; AL C5; AL C7 E-Learning		Goal 5: Achieve gender equality and empower all women and girls; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 10: Reduce inequality within and among countries; Goal 16: Promote just, peaceful and inclusive societies; Goal 17: Revitalize the global partnership for sustainable development; Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation;	
ALFM Action Line C5: Blockchain as	ITU	AL C2; AL C5; AL C6; AL C7	-	Goal 1: End poverty in all its forms everywhere;	In the Post-2015 era, ICTs are expected to have an
an enabler of		E-		Goal 4: Ensure inclusive	enabling role in all aspects
security and trust		Government;		and equitable quality	of socioeconomic
		AL C7 E-		education and promote	development. Such





Purinoss: Al	lifelong learning	development would
Business; AL		-
C7 E-	opportunities for all;	however not be sustainable
Learning; AL	Goal 5: Achieve gender	without providing the
C7 E-Health;	equality and empower all	necessary safeguards, based
AL C7 E-	women and girls;	on which nations could
Employment;	Goal 7: Ensure access to	benefit and thrive.
AL C7	affordable, reliable,	
Environment;	sustainable and modern	The WSIS-SDG Matrix
AL C7 E-	energy for all;	elaborates further on areas
Agriculture;	Goal 8: Promote inclusive	of the SDG framework,
AL C7 E-	and sustainable economic	where security in the use of
Science; AL	growth, employment and	ICTs could foster and
C11	decent work all;	accelerate implementation.
	Goal 9: Build resilient	These include inter alia
	infrastructure, promote	access to electronic financial
	sustainable	services (1.4), access to
	industrialization and	online information as part
	foster innovation;	of education (4.1, 4.3, 4.5),
	Goal 11: Make cities	empowerment of women
	inclusive, safe, resilient	through ICTs (5b),
	and sustainable;	development of resilient
	Goal 16: Promote just,	infrastructure and
	peaceful and inclusive	sustainable economic
	societies;	growth (7.1, 7a, 7b, 8.1,
	Goal 17: Revitalize the	9.1), transition to Smart
	global partnership for	Cities (11.3, 11b), and end
	sustainable development;	of child violence and
		exploitation, especially in
		the online world (16.2).
		Blockchain was identified as
		a promising technology that
		could potentially be applied
		could potentially be applied





Action Line C7. E- business and financial inclusion as a catalyst for the formalization and growth of MSMEs	United Nations Conference on Trade and Development (UNCTAD) / International Trade Centre (ITC) / Universal Postal Union (UPU)	AL C7 E- Business	The co-facilitators of the WSIS Action Line C7 on e- business have chosen to focus on the contribution of their action line to specific SDGs and targets. For the WSIS Forum 2018, they have chosen to examine how digital trade (e-commerce) in the context of e-business contribute to Goal 8, target 3 on the growth of small and medium sized enterprises and on financial inclusion.	Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all;	in many uses of ICT, as these are listed above. This session will explore the contribution of the WSIS action line on e-business to the Goal 8, target 3 of the Agenda 2030: Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all Target 3: Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including
Cross-Border e-	IUST Research Center	AL C7 E-	-	Goal 1: End poverty in all	-
Science and	for ICT Strategic and	Science		its forms everywhere;	
Research	International Studies			Goal 4: Ensure inclusive	
Partnerships for	(ICT-SIS)			and equitable quality	
Shaping Better				education and promote	





Information and				lifelong learning	
Knowledge				opportunities for all;	
Societies				Goal 6: Ensure access to	
Societies				water and sanitation for	
				all;	
				Goal 7: Ensure access to	
				affordable, reliable,	
				sustainable and modern	
				energy for all; Goal 11: Make cities	
				inclusive, safe, resilient	
				and sustainable;	
				Goal 13: Take urgent	
				action to combat climate	
				change and its impacts;	
				Goal 14: Conserve and	
				sustainably use the	
				oceans, seas and marine	
				resources;	
				Goal 15: Sustainably	
				manage forests, combat	
				desertification, halt and	
				reverse land degradation,	
				halt biodiversity loss;	
				Goal 17: Revitalize the	
				global partnership for	
				sustainable development;	
Future of	UN Major Group for	AL C1; AL C4;	In line with WSIS Action Line	Goal 1: End poverty in all	The focus of this session
Work/Decent	Children and Youth	AL C6; AL C7	4 and 1, this session will aim	its forms everywhere;	was in line with this year's
Jobs for Youth	(UN MGCY)	É-	to discuss the different ways	Goal 4: Ensure inclusive	ECOSOC Integration
	· ·		to equip youth with the	and equitable quality	Segment theme of




Employment;	digital skills necessary to	education and promote	"Innovative communities:
AL C10	thrive in the workplace.	lifelong learning	leveraging technology and
ALCIO	Discussions on the effects of	opportunities for all;	innovation to build
	emerging technologies	Goal 5: Achieve gender	sustainable and
		•	
	shaping future(s) of work will	equality and empower all	resilient societies", as well
	target WSIS Action Line 7. In	women and girls;	as that of the 21st Session
	line with WSIS Action Line 10,	Goal 8: Promote inclusive	of Commission on Science
	major ethical dimensions to	and sustainable economic	and
	ensure an equitable and	growth, employment and	Technology for
	inclusive Future of Work will	decent work all;	Development, 3rd Multi-
	also be analyzed.	Goal 9: Build resilient	stakeholder Forum on STI
		infrastructure, promote	for SDGs, and 2018
		sustainable	High-level political forum
		industrialization and	(HLPF) under the auspices of
		foster innovation;	ECOSOC. This session was
		Goal 10: Reduce	centred around SDG 11. In
		inequality within and	the Hyogo Framework,
		among countries;	vulnerability is defined as
		Goal 16: Promote just,	the
		peaceful and inclusive	conditions determined by
		societies;	physical, social, economic
		Goal 17: Revitalize the	and environmental factors
		global partnership for	or
		sustainable development;	processes, which increase
			the susceptibility of a
			community to the impact of
			hazards.
			Therefore, awareness and
			action at the local
			community level is crucial
			for scaling





					successful DRR initiatives. The Sendai Framework for DRR specifically mentions the importance of strengthening public awareness, especially on disaster risk information and knowledge, through campaigns, social media, and other tools. This allows for a community to utilize available resources to continuously avoid, mitigate, respond to, and recover from adverse situations, despite uncertainty with future risks. The rich discussions from the panelists during this session reiterated these points and sentiments.
How to set the standard for cyber security? Guidelines and good practices	Global Forum on Cyber Expertise	AL C4	-	Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable	- SDG 8: Decent work and economic growth – Cyber capacity building increases economic welfare by enhancing e.g. e-commerce, as well as, by a safe digital environment.





				industrialization and foster innovation; Goal 16: Promote just, peaceful and inclusive societies;	 SDG 9: Industry, innovation and infrastructure – Cyber capacity building is key for safe industries and infrastructure, therefore also innovation, e.g. Critical Information Infrastructure Protection or CERTs. SDG 16: Peace, Justice, and strong institutions – Cyber capacity building can only be successful globally and contribute to developing international norms for cyber security and therefore keeps cyberspace stable.
ICT Solutions for SDGs: Focus on Robots, Drones & Virtual & Augmented Reality	ITU and Partners	AL C7 E- Government; AL C7 E- Business; AL C7 E- Learning; AL C7 E-Health; AL C7 E- Science	Innovators and Entrepreneurs will discuss how their technological efforts contributes to health, medicine, education. The future for technology will also be discussed.	Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 16: Promote just, peaceful and inclusive societies;	-





Information and Communication Infrastructure towards the Sustainable Development Goals	ITU - Action Line C2 Facilitator	AL C2	-	Goal 1: End poverty in all its forms everywhere; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and	_
				foster innovation; Goal 11: Make cities inclusive, safe, resilient and sustainable;	
ICANN, Data Protection and the GDPR	Internet Corporation for Assigned Names and Numbers (ICANN)	AL C5; C11	-	Goal 17: Revitalize the global partnership for sustainable development;	That decisions on the information that was public, and or accessible, on the WHOIS database had implication for confidence and security in the use of ICTs, not least in providing protection for users against fraud, and spam, but also in protecting their privacy.
ICT Solutions for SDGs: Women Entrepreneurs and innovators	ITU and Partners	AL C4; AL C6	This session is related to the following WSIS Action lines: C4, Capacity Building: The panelists will share, from their personal experiences,	Goal 5: Achieve gender equality and empower all women and girls; Goal 8: Promote inclusive and sustainable economic	This session is directly linked to SGD 5 "Gender Equality", since the best way to address gender balance and diversity is by promoting it





			strategies on how they empower themselves to compete effectively in the technology space. C6, Enabling Environment: The panelists are involved in several programs aimed at creating an enabling environment for Women and Youth.	growth, employment and decent work all;	openly and in as many formats and forums as possible. In addition, it was an important step to balance the gender participation at WSIS sessions, where otherwise men intervention would have been heavier.
Connecting communities by building digital skills – a way towards the SDGs	International Chamber of Commerce Business Action to Support the Information Society	Al C2; AL C3; AL C4; AL C5; AL C6; AL C11		Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 17: Revitalize the global partnership for sustainable development;	The workshop was directly related to the sustainable development process as it provided an important discussion on the increasing impact of technology and innovation on skills and how ICTs themselves can be a vehicle for training and retraining. The use of ICT can support development and highlight the ways in which stakeholders can work together to advance progress on action lines to expand connectivity, provide meaningful access and further adoption of digital technologies. The discussion outlined creative





					and collaborative solutions to education, training and bridging existing skills gaps within and between countries to foster inclusive growth, decent jobs and build inclusive societies. Discussions at the workshop mainly linked to the following SDGs: Goal 4: Quality Education Goal 8: Decent Work and Economic Growth Goal 9: Industry, Innovation and Infrastructure Goal 17: Partnerships for the Goals
Discussion on the Technical Standards of Industrial Internet	China Industrial Control Systems Cyber Emergency Response Team	AL C2	Industry is the key source of economic growth as well as the main field of resource and environmental consumption. Improving industrial production efficiency and resource and energy efficiency will help to achieve Sustainable Development Goals (SDG) . Internet of things, big data, Artificial intelligence and other emerging information and communication	Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 12: Ensure sustainable consumption and production patterns;	Industrial Internet can improve the efficiency and intelligence level of industrial system, reduce unnecessary waste, reduce costs, and save resources and energy. The standardization of industrial Internet is the basic guarantee to promote the popularization and development of industrial Internet.





			technologies (ICT) are deepening the application in		
			the industry, driving the		
			transformation and		
			upgrading of the global		
			industry, and constitute an		
			important technological		
			support for the sustainable		
			development of the world.		
			With the extension and		
			deepening of information		
			and intelligence application		
			in the industry, the		
			construction of industrial		
			information infrastructure		
			represented by the Industrial		
			Internet has been		
			continuously promoted, and		
			has become an important		
			carrier of global information		
			acquisition and network		
			communication.		
E-Trade for	International Trade	AL C3; AL C4;	The principle linkage	Goal 1: End poverty in all	Access to e-trade is
Impact: Turbo-	Centre	AL C6; AL C7	between the session is with	its forms everywhere;	expected to contribute
charge the SDGs		E-Business;	C7, E-Business: initiatives	Goal 5: Achieve gender	significantly to SDG 17.11
with Digital		AL C7 E-	within "e-Trade for Impact"	equality and empower all	"Increase significantly the
		Employment	are ultimately about enabling	women and girls;	exports of developing
			more and better trade by	Goal 8: Promote inclusive	countries" and in
			SMEs from developing and	and sustainable economic	particular for poor
			least developed	growth, employment and	communities (SDG 1.4 "By
			countries. To deliver on this	decent work all;	2030, ensure that all men
			vision, ITC works with		and women, in particular





			stakeholders at the policy, intermedirary and enterprise level and alonsgide partners in the public and private sector.	Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation; Goal 10: Reduce inequality within and among countries; Goal 12: Ensure sustainable consumption and production patterns; Goal 17: Revitalize the global partnership for sustainable development;	the poor and the vulnerable, have equal rights to economic resources") and women (the means to implementing SDG 5 refers to "Enhance the use of enabling technologies, in particular ICT, to promote women's empowerment").
Future and Emerging Technologies: Economic Impact of Artificial Intelligence (AI)	International Telecommunication Union (ITU) and McKinsey Global Institue (McKinsey)	AL C6; AL C7 E- Government; AL C7 E- Business; AL C7 E- Learning; AL C7 E-Health; AL C7 E- Employment; AL C7 E- Environment; AL C7 E- Agriculture; AL C7 E-	-	Goal 1: End poverty in all its forms everywhere; Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture; Goal 3: Ensure healthy lives and promote well- being for all; Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all;	





Science; AL	Goal 5: Achieve gender
C10	equality and empower all
	women and girls;
	Goal 6: Ensure access to
	water and sanitation for
	all;
	Goal 7: Ensure access to
	affordable, reliable,
	sustainable and modern
	energy for all;
	Goal 8: Promote inclusive
	and sustainable economic
	growth, employment and
	decent work all;
	Goal 9: Build resilient
	infrastructure, promote
	sustainable
	industrialization and
	foster innovation;
	Goal 10: Reduce
	inequality within and
	among countries;
	Goal 11: Make cities
	inclusive, safe, resilient
	and sustainable;
	Goal 12: Ensure
	sustainable consumption
	and production patterns;
	Goal 13: Take urgent
	action to combat climate
	change and its impacts;





International	International	AL C3; AL C4		Goal 14: Conserve and sustainably use the oceans, seas and marine resources; Goal 15: Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss; Goal 16: Promote just, peaceful and inclusive societies; Goal 17: Revitalize the global partnership for sustainable development; Goal 5: Achieve gender	
decision-making in ICT. Where are the Women?	Telecommunication Union (ITU) / United Nations Educational, Scientific and Cultural Organization (UNESCO) chair in ICT4D	AL C3; AL C4	-	equality and empower all women and girls;	
Achieving the SDGs through Ethically Aligned Design	IEEE	AL C10	_	-	As Artificial Intelligence and Autonomous Systems become more ubiquitous, these technologies will impact the achievement of all of the Sustainable Development Goals.





ICANN, the Government Advisory Committee (GAC) and Capacity Building	Internet Corporation for Assigned Names and Numbers (ICANN)	AL C4; AL C11	The work that will be described better enables individuals, whether in government or elsewhere, to take an enhanced role in the development of International public policy	Goal 17: Revitalize the global partnership for sustainable development;	Goal 17: Revitalize the Global Partnership for sustainable development
Open Earth Observations for the benefit of Humankind	Group on Earth Observations (GEO) / University of Geneva	AL C1; AL C2; AL C3; AL C4; AL C6; AL C7 E- Environment; AL C7 E- Agriculture; AL C7 E- Science; AL C11	This session is related to several WSIS action lines, including: 1: the role of governments and all stakeholders in the promotion of ICTs for development (cooperation of GEO member governments and participating organizations in Open Data sharing and implementation of activities), 2 and 3: information and communications infrastructure and access to information and knowledge (the GEOSS Platform and the Data Cube), 4: capacity building (the Geomatics for a Sustainable Environment training programme and more), 6: enabling environment (open data policy and management), 7:	Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture; Goal 3: Ensure healthy lives and promote well- being for all; Goal 6: Ensure access to water and sanitation for all; Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 13: Take urgent action to combat climate change and its impacts; Goal 14: Conserve and sustainably use the oceans, seas and marine resources; Goal 15: Sustainably manage forests, combat desertification, halt and	The session explored how open Earth observations data and information, and the systems, applications, and capacity building efforts facilitating their use, contribute to the monitoring and achievement of the UN 2030 Agenda for Sustainable Development, particularly for SDG 2, 6, 11, 13, 14 and 15.





			ICT applications for environment, agriculture and e-science (GEOSS Portal, Data Cube), and 11: International and regional cooperation (Group on Earth Observation global partnership, regional efforts in Europe)	reverse land degradation, halt biodiversity loss; Goal 17: Revitalize the global partnership for sustainable development;	
Child Online Protection Ecosystem: Platforms, Services and Tools	Iran National Committee for WSIS, Iran Ministry of ICT	AL C4; AL C5	_	_	This is a general topic that should consider globally.





					T
ICTs as a tool for	UN Major Group for	AL C1; AL C2;	The WSIS Forum focuses on	-	The focus of this session
promoting	Children and Youth	AL C3; AL C4;	the role of ICTs as means of		was in line with this year's
resilience and		AL C7 E-	implementing, monitoring,		ECOSOC Integration
reducing risks		Learning	and reviewing progress with		Segment theme of
			the 2030 Agenda, as outlined		"Innovative communities:
			in target 17.8. While ICTs can		leveraging technology and
			be applicable in various		innovation to build
			contexts and across sectors,		sustainable and
			special attention should be		resilient societies", as well
			placed on their potential		as that of the 21st Session
			applications in disaster		of Commission on Science
			settings, conflict areas,		and
			humanitarian response, and		Technology for
			other fragile contexts.		Development, 3rd Multi-
			Exacerbated and emerging		stakeholder Forum on STI
			risks are increasingly		for SDGs, and 2018
			noticeable from trends such		High-level political forum
			as migration, rapid		(HLPF) under the auspices of
			urbanization, anthropogenic		ECOSOC. This session was
			climate change, and even		centred around SDG 11. In
			rapid technological change.		the Hyogo Framework,
					vulnerability is defined as
					the
					conditions determined by
					physical, social, economic
					and environmental factors
					or
					processes, which increase
					the susceptibility of a
					community to the impact of
					hazards.





		Therefore, awareness and action at the local community level is crucial for scaling successful DRR initiatives. The Sendai Framework for DRR specifically mentions the importance of strengthening public awareness, especially on disaster risk information and knowledge, through campaigns, social media, and other tools. This allows for a community to utilize available resources to continuously avoid, mitigate, respond to, and recover from adverse situations, despite uncertainty with future risks. The rich discussions from the panelists during this session reiterated these points and sentiments.
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Central Bank	International	AL C5; AL C6	The Session will consider the	Goal 1: End poverty in all	Mobile money and other
Issued Digital	Telecommunication	/ 12 00 , / 12 00	challenges which Central	its forms everywhere;	digital financial services are
Currency:	Union (ITU)		Banks face with regards to	Goal 16: Promote just,	becoming one of the main
Challenges for			the regulatory,	peaceful and inclusive	telecommunication/ICT
Security and			interoperability and security	societies;	success stories for
Interoperability			for digital currency. The		socioeconomic
interoperability			Session will address the		development of many
			developments at		nations, especially in
			international level in		developing countries. The
			developing standards for		use of mobile phones for
			Central Bank issued digital		mobile financial services
			currency and discuss its		offers opportunities to
			characteristics and		enhance growth and
			requirements for		development. In the
			interoperability and security.		meantime, mobile financial
			interoperability and security.		services can provide
					benefits to the
					telecommunication/ICT
					industry by making it the
					indispensable infrastructure
					for future financial services
					for everyone. Many Central
					Banks including the Federal
					Reserve Bank of United
					States, Bank of England, and
					People's Bank of China have
					all stated that they are
					researching and working on
					a central bank issued digital
					currency. Implementations
					of DFC using different
					technology and are in





		different phases of deployment. Like fiat
		currency in paper form that
		played a key role for
		financial inclusion for the
		past centuries, and
		continuing doing so, a
		digital fiat currency must
		also be accessible by all
		citizens of a country and
		could be a catalyst to
		accelerating interoperability
		in digital financial services
		and further help in bridging
		the financial inclusion gap
		and provide more financial
		stability. This would
		ultimately help in enhancing
		socio economic growth and
		more transparency in
		managing government
		funds disbursement and
		control over counterfeiting
		money.





Zero Waste Living: speaking the language of a new generation for sustainable habits	Rogue Gone Vogue (YouTube Channel)	AL C6; AL C7 E-Learning; AL C7 Environment	This session looks to examine and brainstorm how to mobilise and harness non- traditional platforms of education (YouTube, Instagram, Twitter) and use the actions and work of Zero Waste Ambassadors globally to encourage sustainable habits.	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 12: Ensure sustainable consumption and production patterns;	Open discussion and information sharing on SDG4 Quality Education, SDG 12 Responsible Consumption and Production
Practical	eWorldwide Group	AL C1; AL C2;	ICTs for development	Goal 1: End poverty in all	Goal 1: End poverty in all its
applications of		AL C3; AL C4;	 Through sharing global 	its forms everywhere;	forms everywhere
ICTs supporting		AL C5; AL C6;	applications, case studies and	Goal 2: End hunger,	 Through sharing
inclusion and		AL C7 E-	recommendations for	achieve food security and	recommendations for
access to		Government;	governments and industry	improved nutrition and	inclusion of PwD
information and		AL C7 E-	C2. Information and	promote sustainable	communities into economic
services,		Business; AL	communication	agriculture;	and social development
livelihoods for		C7 E-	infrastructure	Goal 4: Ensure inclusive	across the world, along with
People with		Learning; AL	- Through sharing global	and equitable quality	access to livelihoods, ICTs
Disabilities		C7 E-Health;	applications, case studies and	education and promote	and financial services, help
		AL C7 E-	recommendations for	lifelong learning	reduce poverty
		Employment;	governments and industry	opportunities for all;	Goal 2: End hunger, achieve
		AL C11	C3. Access to information and	Goal 8: Promote inclusive	food security and improved
			knowledge	and sustainable economic	nutrition and promote
			- Through sharing global	growth, employment and	sustainable agriculture
			applications, case studies and	decent work all;	 Through sharing
			recommendations for	Goal 10: Reduce	experiences from diverse
			governments and industry	inequality	backgrounds and cultures to
			C4. Capacity building	inclusive societies;	help enable inclusion of





- Through sharing global	Goal 17: Revitalize the	PwD communities to
applications and case studies	global partnership for	effectively and efficiently
C5. Building confidence and	sustainable development;	, participate in economic
security in the use of ICTs		empowerment
- Through sharing global		Goal 4: Ensure inclusive and
applications and case studies		equitable quality education
		and promote lifelong
		learning opportunities for
C6. Enabling environment		all
- Through sharing specific		- Through inclusive and
global recommendations for		equitable quality education
policy makers, governments		and promotion of life-long
and industry to create and		learning opportunities for
enabling environment for		PwD communities help
inclusion of PwD		eliminate disparities in
communities		education and ensuring
C7. ICT Applications		equal access to all levels of
- Through sharing global		education and vocational
case studies for ICT		training for the vulnerable,
applications for e-		including persons with
government, e-business, e-		disabilities
learning, e-health and e-		Goal 8: Promote inclusive
employment		and sustainable economic
C8. Cultural diversity and		growth, employment and
identity, linguistic diversity		decent work for all
and local content		- Through sharing global
 Through sharing global 		recommendations for
experiences and		inclusive and sustainable
recommendations to enable		economic growth,
the inclusion of PwD		productive employment and
communities across the		decent work for all,
digital ecosystem in society		including PwD communities





regional cooperation - Through specific	equal value
- .	Coal 10: Roduce in acuality
	Goal 10: Reduce inequality
recommendations for	within and among countries
governments, policy makers,	- Through sharing
development agencies,	recommendations for
development practitioners,	reduction in inequalities
industry and civil society to	within and among countries
cooperate for the design and	by empowering and
implementation of key	promoting the social,
initiatives, programs and	economic and political
interventions to holistically	inclusion of all, including
include and engage PwD	persons with disabilities
communities at the local,	Goal 17: Revitalize the
national and regional levels	global partnership for
	sustainable development
	- Through specific
	recommendations for
	governments, policy
	makers, development
	agencies, development
	practitioners, industry and
	civil society to cooperate for
	the design and
	implementation of key
	initiatives, programs and
	interventions to holistically
	include and engage the PwD
	communities at the local,
	national and regional levels





The role of	Basel, Rotterdam and	AL C7 E-	This session introduced a	Goal 3: Ensure healthy	- The sustainable
International	Stockholm	Environment	very important dimension of	lives and promote well-	management of e-waste will
Standards and of	Conventions		environmental and human	being for all;	contribute to the
the Basel	Secretariat and		health protection through	Goal 6: Ensure access to	attainment of sustainable
Convention in	International		the sustainable management	water and sanitation for	development goals in
tackling e-waste	Telecommunication		of end-of-life ICT equipment.	all;	particular, Goal 3 (Good
and achieving a	Union			Goal 8: Promote inclusive	health and Well-being), Goal
Circular Economy				and sustainable economic	6 (Clean water and
				growth, employment and	Sanitation), Goal 11
				decent work all;	(Sustainable Cities and
				Goal 11: Make cities	Communities), Goal 12
				inclusive, safe, resilient	(Responsible Consumption
				and sustainable;	and Production), Goal 14
				Goal 12: Ensure	(Life Below Water), and
				sustainable consumption	Goal 8 (Decent Work and
				and production patterns;	Economic Growth).
				Goal 14: Conserve and	- Target 3.9 refers to the
				sustainably use the	reduction of the number of
				oceans, seas and marine	deaths and illnesses caused
				resources;	by hazardous chemicals and
					air, water, and soil pollution
					and contamination. Target
					6.1 seeks to achieve
					universal and equitable
					access to safe and
					affordable drinking water
					for all, and Target 6.3 aims
					to reduce pollution,
					eliminate dumping, and
					minimize release of
					hazardous chemicals and
					materials. Goal 14 refers to





	marine pollution and the
	protection of the marine
	ecosystem (Targets 14.1 and
	14.2).
	- Target 11.6 aims to reduce
	the adverse per capita
	environmental impact of
	cities, by paying special
	attention to air quality and
	to municipal and other
	waste management. Most
	e-waste will be generated in
	cities and it is particularly
	important to properly
	manage e-waste in urban
	areas, improve collection
	and recycling rates, and to
	reduce the amount of e-
	waste that ends up in
	dumpsites.
	- Similarly, Target 12.4 aims
	to achieve the
	environmentally sound
	management of chemicals
	and all waste throughout
	the life cycle, in accordance
	with agreed international
	frameworks, and to
	significantly reduce their
	release into air, water, and
	soil in order to minimize
	their adverse impacts on





		human health and the
		environment.
		- Target 12.5 aims to
		substantially reduce waste
		generation through
		prevention, reduction,
		repair, recycling, and reuse.
		An increasing number of
		people on the planet are
		consuming growing
		amounts of goods, and it is
		critical to make production
		and consumption more
		sustainable by raising
		awareness levels of
		producers and consumers,
		specifically in the area of
		electrical and electronic
		equipment.





The Fourth	National Information	AL C1; AL C2;	There is a deep linkage	Goal 1: End poverty in all	-
Technological &	Centre - Yemen	AL C3; AL C4;	between the fourth	its forms everywhere;	
Industrial		AL C5; AL C6	technolgical and industrial	Goal 2: End hunger,	
Revolution			revolution and the 2025 SDGs	achieve food security and	
			agenda	improved nutrition and	
				promote sustainable	
				agriculture;	
				Goal 3: Ensure healthy	
				lives and promote well-	
				being for all;	
				Goal 4: Ensure inclusive	
				and equitable quality	
				education and promote	
				lifelong learning	
				opportunities for all;	
				Goal 7: Ensure access to	
				affordable, reliable,	
				sustainable and modern	
				energy for all;	
				Goal 8: Promote inclusive	
				and sustainable economic	
				growth, employment and	
				decent work all;	
				Goal 9: Build resilient	
				infrastructure, promote	
				sustainable	
				industrialization and	
				foster innovation;	
				Goal 10: Reduce	
				inequality within and	
				among countries;	





Organising Monitoring of SDG based on the	Centre for Socio-Eco- Nomic Development CSEND	AL C3; AL C4	This session explored how ICT can be used to accomplish the monitoring part of the	Goal 11: Make cities inclusive, safe, resilient and sustainable; Goal 12: Ensure sustainable consumption and production patterns; Goal 13: Take urgent action to combat climate change and its impacts; Goal 17: Revitalize the global partnership for sustainable development; Goal 16: Promote just, peaceful and inclusive societies;	ICT supported Ground Truth methods needed to ensure implementation of the 3
three principles (transparency, inclusiveness, participation) and following wikipedia methods using ground truth ICT techniques			SDG implementation along the SDG principles of participation, inclusiveness, and transparency and how such know-how could be shared and transferred to other countries and communities		SDG Principles- Participation, Transparency and Inclusiveness





Intellectual	Dr.Rakesh Lingappa	AL C3; AL C5;	Authoritative and ethical	Goal 8: Promote inclusive	Good products gives
Property Rights		AL C7 E-	stewardship of Intellectual	and sustainable economic	opportunity for Business, In
(IPRs) awareness		Government;	property is at the core of	growth, employment and	turn business Creates
to Information		AL C10	Partnerships and will become	decent work all;	Employment and also
Technology			increasingly important in the	Goal 9: Build resilient	improves overall growth.
Sector and Cyber			management of the	infrastructure, promote	(Goal 8: Promote Inclusive
Space			"knowledge commons".	sustainable	and sustainable economic
			With the unprecedented	industrialization and	growth, employment and
			advent of Computers and the	foster innovation;	descent work for all).
			Internet and growing	Goal 17: Revitalize the	
			popularity of E-commerce,	global partnership for	A patented and renowned
			the Intellectual property	sustainable development;	product or a concept pays
			rights have gained		the way for Industrial
			tremendous significance. The		growth and creates
			intellectual property		opportunity for Innovation.
			infringements to a greater		(Goal 9: Build resilient
			extent occur in the online		infrastructure, Promote
			medium rather than offline,		sustainable industrialization
			due to the ease with which		and foster Innovation).
			data can be accessed, copied		
			and transferred and the		A good product will have
			anonymity associated with		market locally and globally
			the cyberspace.		which builds partnerships'
			In software Product		(Goal 17: Revitalize the
			development Partnerships,		global partnership for
			using private approaches,		sustainable development).
			resources and focus on		
			products suited for use in		Reflecting the views of
			developing countries. Also		SDGS.
			best utilisation of candidates		
			to the commercialisation		
			value chain. To achieve this		





			Employ multi- candidate/portfolio management approaches active Business Plan, Scientific Blueprint, Economic Analysis, Rigorous "Go-No- Go" Milestones will build confidence in the use of ICT products and outcomes.		
Paradigm shift to develop genuine global civilization and the role of ICT	Evolution of Mind Life Society Research Institute (EMLSRI)	AL C3; AL C4; AL C5; AL C6; AL C7 E- Science; AL C8; AL C9; AL C10; AL C11	Current world discordance is calling for global institutional paradigm shift. One's subjective true fulfilling quality of life must be the basis for all the worldly function beyond. The integrity of subjective quality of life with fulfilling life-work with Humanity, Democracy and global Symbiosis enhancement for all must be the core. Then, each individual life flourishes and co-evolves through co- innovation processes. A shift from competition to co- evolution/-innovation can re- direct us towards	Goal 3: Ensure healthy lives and promote well- being for all; Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; Goal 5: Achieve gender equality and empower all women and girls; Goal 8: Promote inclusive and sustainable economic growth, employment and decent work all; Goal 9: Build resilient infrastructure, promote sustainable	G16: Promote just, peaceful and inclusive societies





	in duraturalizations and	
sustainability and evolvability	industrialization and	
of global evolution. This	foster innovation;	
cultural paradigm shift opens	Goal 10: Reduce	
up access to information and	inequality within and	
knowledge (C3) which was	among countries;	
previously caged in	Goal 11: Make cities	
competing silos; involves	inclusive, safe, resilient	
capacity building (C4) with an	and sustainable;	
enabling environment (C6) in	Goal 12: Ensure	
order to co-innovate. Moving	sustainable consumption	
away from a competition	and production patterns;	
based framework to one	Goal 13: Take urgent	
centred on collaboration will	action to combat climate	
build confidence and security	change and its impacts;	
in the use of ICTs (C5)	Goal 16: Promote just,	
because it removes the	peaceful and inclusive	
central cause of distrust.	societies;	
Global co-evolution/-		
innovation as guiding		
operating principle		
dismantles hegemonic media		
(C9) structures resulting in		
increased cultural diversity		
and identity, linguistic		
diversity and local content		
(C8). Removing competition		
as core paradigm of human		
society promotes		
international and regional		
cooperation (C11) and opens		
the space for a focus on		
ethical dimensions of the		





i.			
		information society (C10).	
		Science (C7) plays an	
		important role for deepening	
		the understanding the	
		meaning of lives -	
		environment - information	
		interplay in the context of 4.5	
		billion years of global	
		evolution and how to	
		maximize our evolvability of	
		this 4 billion years of	
		biological evolution heritage	
		into new evolutional	
		processes.	
			1