

**WSIS/SDGs Matrix**  
**WSIS Forum 2023: Outcomes**  
**Linking WSIS Action Lines with the Sustainable Development Goals**  
**DRAFT 1.0**

*WSIS/SDGs Matrix*  
*WSIS Forum 2023: Outcomes*  
*WSIS Action Lines for building back better and accelerating the achievements of the SDGs*

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<https://www.itu.int/net4/wsis/forum/2023/>

## I. Introduction: WSIS Forum 2023

### *WSIS Action Lines for building back better and accelerating the achievements of the SDGs*

The annual World Summit on the Information Society (WSIS) Forum is a global multistakeholder platform facilitating the implementation of the WSIS Action Lines for advancing sustainable development, organized by the International Telecommunication Union (ITU), UN Educational, Scientific and Cultural Organization (UNESCO), UN Development Programme (UNDP), and UN Conference on Trade and Development (UNCTAD), in close collaboration with all WSIS Action Line co-facilitators and more than 30 UN agencies. The Forum provides an opportunity for information exchange, knowledge creation and sharing of best practices, while identifying emerging trends and fostering partnerships, taking into account the evolving information and knowledge societies.

The WSIS Forum 2023 hybrid week was held from **13 to 17 March** in Geneva, Switzerland, and brought together experts, policymakers, and diverse stakeholders from around the world to discuss information and communication technologies (ICTs) for sustainable development. This year's Forum theme is WSIS Action Lines for building back better and accelerating The Forum hybrid week welcomed over **2,700 participants** attending both on-site and remotely, from 150 countries worldwide. The Forum gathered more than **150 high-level representatives** of the wider WSIS stakeholder community, including Ministers and Deputies, Ambassadors; and leaders from the private sector, academia and civil society.

This year's Forum hybrid week had several innovative session formats and featured around **250 sessions**, including open space talks, thematic workshops, country workshops, WSIS Action Lines Facilitation Meetings, knowledge cafes, WSIS Prizes, high-level track sessions, and many more. The stakeholders appreciated the new innovative formats, which fostered more participatory and collaborative exchanges with engaging dialogues.

The WSIS Forum 2023 continued with virtual workshops from April to May 2023. These workshops brought together a cumulative total of 5,000 participants (*livestreams and session recordings on Zoom and Facebook*). The event featured 50 virtual workshops and showcased the expertise of over 200 speakers.

2. Matrix: WSIS Forum 2023 Session/Workshops Links to the WSIS Action Lines and to the SDGs

The [WSIS-SDG Matrix](#) developed by UN WSIS Action Line Facilitators serves as the mechanism to map, analyse 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 rationale 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.

Session Title	Organizer	Linkage to the Sustainable Development Goals and the Action Lines
<p><a href="#">Ambassadors Roundtable Discussion</a></p>	<p>WSIS</p>	 <p>The image displays a horizontal bar representing the linkages between the 17 Sustainable Development Goals (SDGs) and the 11 WSIS Action Lines. The SDGs are shown in a row at the top, each with a number, name, and icon. Below them, the 11 WSIS Action Lines are shown, each with a number, name, and icon. The Action Lines are: 1. Production of ICTs for development; 2. Information and communication infrastructure; 3. Access to information and knowledge; 4. Capacity building; 5. Building confidence and security in the use of ICTs; 6. Enabling environment; 7. e-Business; 8. e-Learning; 9. e-Health; 10. e-Employment; 11. e-Environment; 12. e-Agriculture; 13. e-Government; 14. e-Science; 15. Cultural diversity and local content; 16. Media; 17. Ethical dimensions of the information society; 18. International and regional cooperation.</p>

**Can cyber tech be resilient and green?**

EC MEDICI Framework



*The WSIS Action Lines and UN SDGs are interrelated the discussion topics will carefully consider the enlisted goals with specific relation to goal 4, goal 7, goal 8, goal 9, goal 12, and goal 16.*

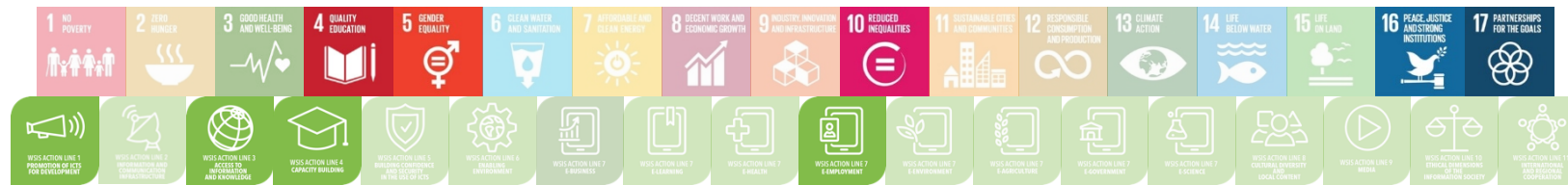
**Smart and Sustainable cities - Sustainable energy in uncertain times, helped by ICT**

Partner360.net



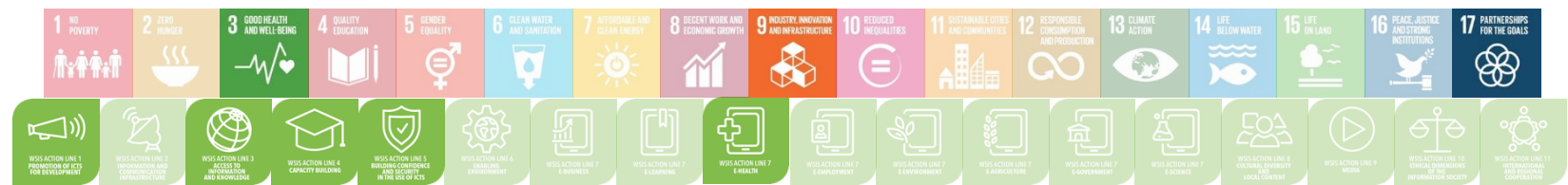
**KIDsvAI Train-the-trainers session to break gender stereotypes in STEM**

WOMENVAI and Swiss Engineering Geneva



**Use of technologies to improve healthcare in underserved communities around the world**

Open Health Network



*The related Sustainable Development Goals (SDGs) for technologies for health of people in underserved communities around the world include:*

*SDG 3: Good Health and Well-being: SDG 3 aims to ensure healthy lives and promote well-being for all at all ages. It includes targets such as reducing maternal and child mortality, combating communicable diseases, and improving access to healthcare services. Technologies for health can play a critical role in achieving these targets by improving access to healthcare, enhancing disease surveillance, and promoting healthy behaviors.*

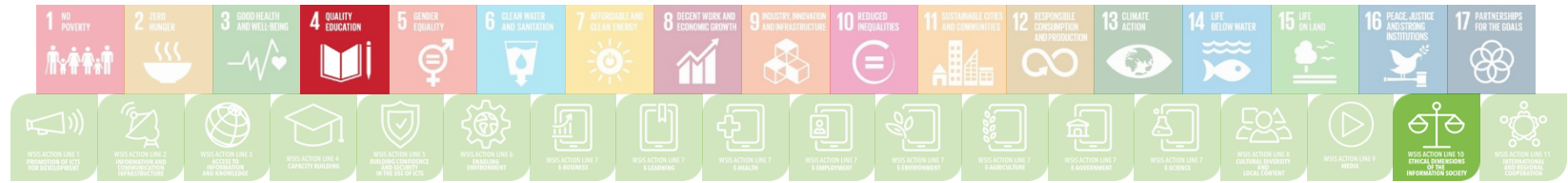
*SDG 9: Industry, Innovation, and Infrastructure: SDG 9 aims to build resilient infrastructure, promote sustainable industrialization, and foster innovation. It includes targets such as increasing access to affordable and reliable internet, promoting research and development, and enhancing scientific and technological capabilities. Technologies for health can contribute to achieving these targets by facilitating innovation in healthcare delivery, improving data collection and analysis, and promoting the development of low-cost medical technologies.*

*SDG 17: Partnerships for the Goals: SDG 17 aims to strengthen the means of implementation and revitalize the global partnership for sustainable development. It includes targets such as increasing the availability of technology transfer and capacity-building for developing countries, enhancing policy coherence for sustainable development, and increasing the mobilization of financial resources. Technologies for health can support these targets by facilitating partnerships between governments, healthcare providers, and technology companies, and by promoting technology transfer and capacity-building in underserved communities.*

*These SDGs are related to technologies for health of people in underserved communities around the world because they recognize the critical role that technology can play in improving healthcare outcomes and achieving sustainable development goals. Technologies for health can help to increase access to healthcare services, enhance disease surveillance, promote healthy behaviors, facilitate innovation in healthcare delivery, and promote the development of low-cost medical technologies. By contributing to the achievement of these SDGs, technologies for health can help to promote sustainable development and improve the lives of people in underserved communities around the world.*

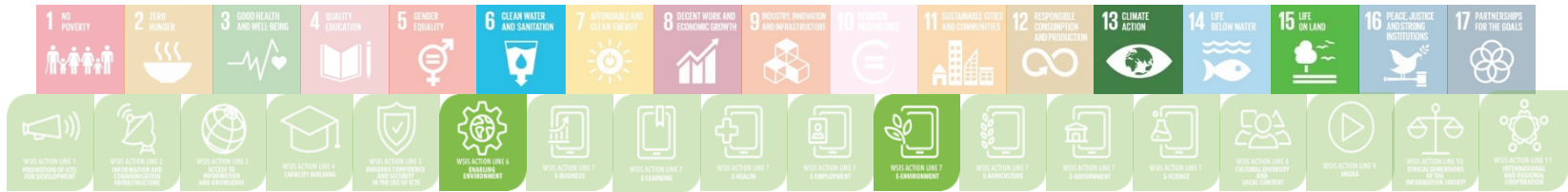
**Strengthening the Collaboration of Digital Literacy for Disabilities**

Ministry of Communication and Information Technology, Indonesia



**Supporting the Transition to a Stronger, Greener, and Sustainable Future Through Standards and Best Practices**

IEEE – Partner for Specific Activities



**Mayors High-Level Presentations**

ITU & Geneva Cities Hub





**Robotics & The Medical Internet of Things (MIoT)**

United Nations IGF (DESA) Dynamic Coalition on Data Driven Health Technologies



*Core goal is: SDG Goal 3: Ensure healthy lives and promote well-being for all*  
*All other goals are an integral part of the eco-system for healthcare.*

**Interactive, Immersive and Accessible Storytelling**

Universitat Autònoma de Barcelona



**Responsible AI governance and the challenges of general purpose AI**

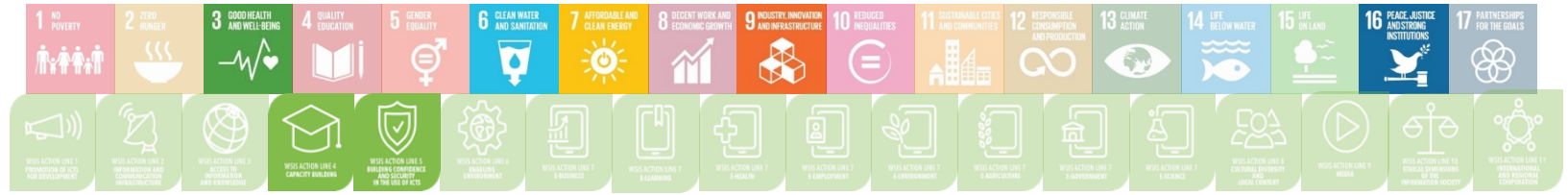
EY





[Building Cyber resilience in the humanitarian and development sectors](#)

Cyberpeace Institute



[How to take care of your elderly parents when you are living far from them? Showcase of the best ICTs innovation](#)

HiNounou, awarded as 2022 WSIS Healthy Ageing Innovation Winner



*Motivated by SDG 3 (Ensure healthy lives and promote well-being for all) and SDG 10 (Reduce inequality within and among countries), our action lines are focusing on benefits in all aspects of life in E-Health, Ethical dimensions of the Information Society within PPP International and regional cooperation between developed and emerging countries.*

***Our session will showcase the best preventive E-Health solutions co-created between Europe and Africa with affordable pricing to increase health inclusiveness for all. Tunisia is the catalyst of the biggest health tourism in Africa. VVIPs Health practitioners, entrepreneurs, researchers and public servants will showcase during this session inspiring E-Health use cases that can be replicated elsewhere in the world. Welcome to visit and to participate in the session to showcase also your own use case! The session will be promoting a group dynamics and foster open conversation between the panelists and the audience.***

**Intellectual Property (IP) in a brave new virtual world**

World Intellectual Property Organization



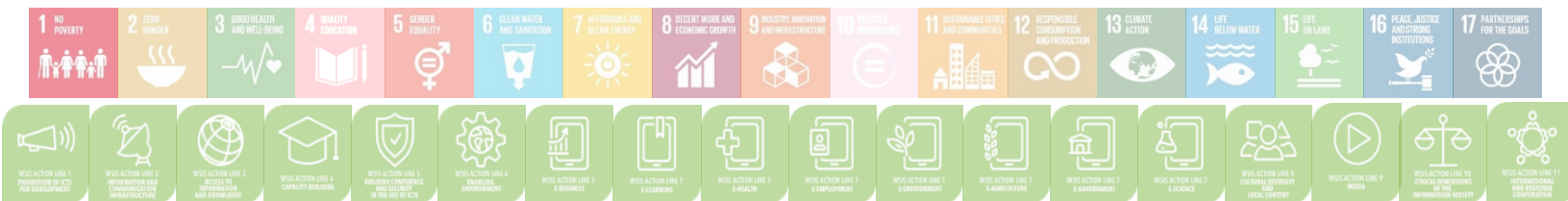
**The Rise of the Machines: Will AI Destroy Your Job?**

World XR



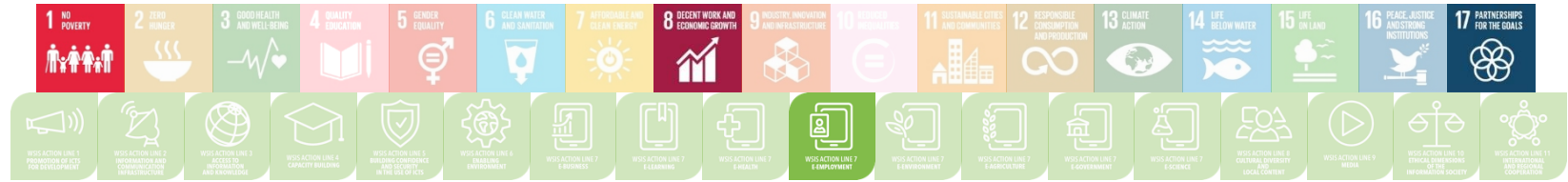
**The UAE's Digital Journey: From Digital Identity to City SuperApps and Beyond**

UAE



**WSIS Action Line C7:  
e-Employment:  
Towards decent  
work in the digital  
economy for  
forcibly displaced  
youth**

International  
Labour  
Organisation



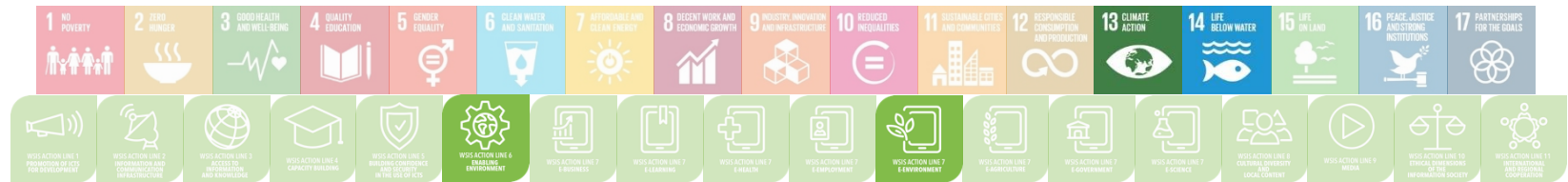
**Web3 and how it  
can further the  
SDGs**

UNITAR/  
Berexia



**IEEE Knowledge  
Café: Beyond Strong  
Sustainability -  
Catalyzing a Planet  
Positive Future for  
Generations to  
Come**

IEEE – Partner  
for Specific  
Activities



**WSIS+20  
Multistakeholder  
Consultation  
Process**

WSIS



**Mayors High-Level  
Dialogue**

WSIS and  
Geneva Cities  
Hub



**Cybersecurity at the  
center of digital  
transformation in  
Africa**

UN ECA



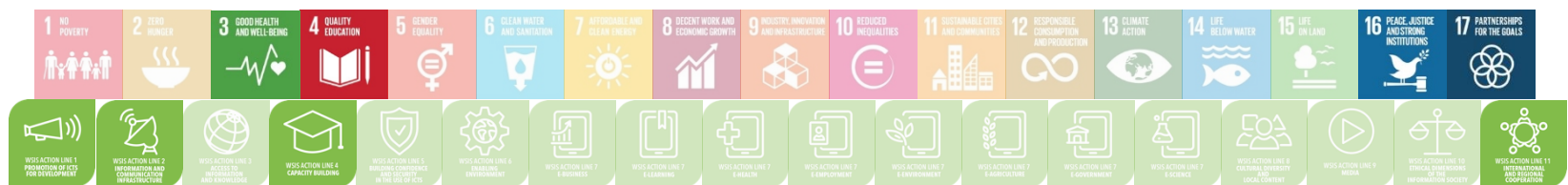
**Digital payments:  
Empowering  
Communities and  
Knowledge  
Economy-UPI  
applications  
Promote Digital  
Financial Inclusion.**

ADA Lovelace  
Software  
Private  
Limited.



**A sustainable  
capacity building  
strategy for least  
developing  
countries (LDCs) &  
developing  
countries to address  
cyber & digital risks**

Welchman  
Keen



**Maximising  
recycling with data  
driven decisions to  
enable smart cities**

Xworks Tech

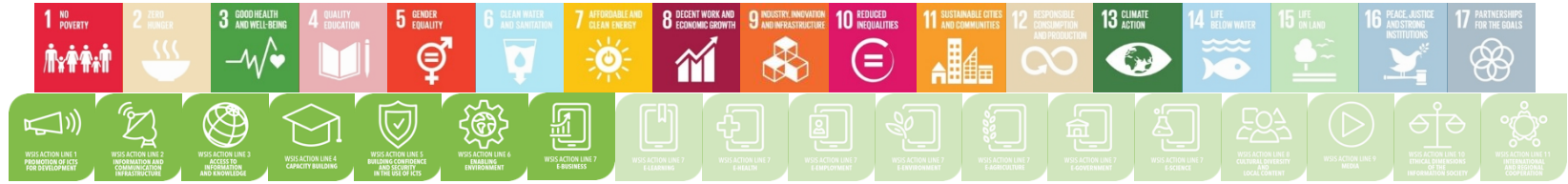




<p><b><u>Leveraging new technologies and innovation to accelerate the progress towards achieving the SDGs.</u></b></p>	<p>Saudia Arabia</p>	
<p><b><u>WSIS Action Line C7: e-Business: “Enabling women in eBusiness”</u></b></p>	<p>ITC/UNCTAD/ UPU</p>	
<p><b><u>Global Digital Compact Informal Roundtable discussions</u></b></p>	<p>Co-Facilitators of the Global Digital Compact</p>	

**Critical elements of successful industry 4.0 policy**

Information Technology and Innovation Foundation



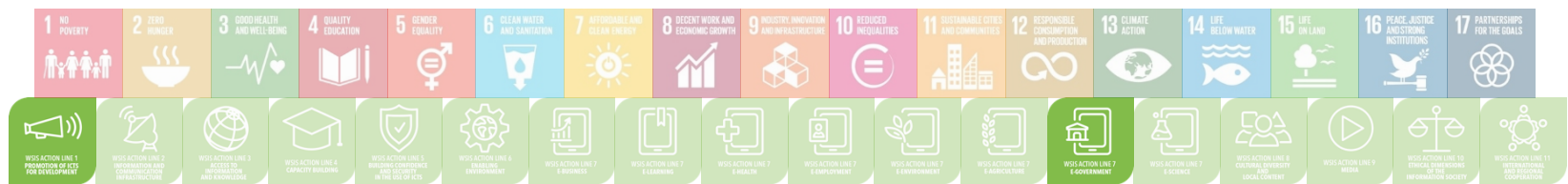
**Evolution of Social Engineering & Phishing**

Swiss - CyberSecurity



**GovTech 4 Impact: Executive experience sharing on digital public service development in Europe**

ITU





[The International Standard Common Alerting Protocol \(CAP\) and the UN Action Plan on Early Warnings for All](#)

Alert-Hub Org  
CIC  
(Community Interest Company)



*This workshop is primarily linked to Goal 11: Make cities inclusive, safe, resilient and sustainable. That is because the vast majority of emergency situations requiring public alerts occurs at the scale of local communities and cities.*

*This workshop also links to Goal 9: Build resilient infrastructure, because warning of emergencies is essential to help communities prevent destruction of property and minimize loss of life.*

*This workshop links to Goal 10: Reduce inequality within and among countries, because less developed countries typically have inferior emergency warning systems, even though they are usually more vulnerable to disasters.*

*Experts studying Climate Change caution that weather-related hazard threats will become even more severe and more frequent over the coming decades. That eventuality makes it all the more important to enhance emergency alerting in societies worldwide. That links this workshop to Goal 13: Take urgent action to combat climate change and its impacts.*

*The enhanced emergency alerting infrastructure associated with this workshop can also help with Goal 14: Conserve and sustainably use the oceans, seas and marine resources and with Goal 15: Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss. A specific example is the use of CAP in the European SAFERS project, which is focused on emergency alerts for forest fires.*

**The future of education: building a digital resilience**

Délégation générale Wallonie-Bruxelles à Genève – Mission permanente de Belgique



**WSIS Action Line C3: Access to information**

UNESCO



**Technology for Democracy: Lessons learnt and the way forward for technology for democracy and human rights (1st Segment)**

United Nations Development Programme



**Data Ethics and the Ethics of Digital and Emerging Technologies**

Globethics



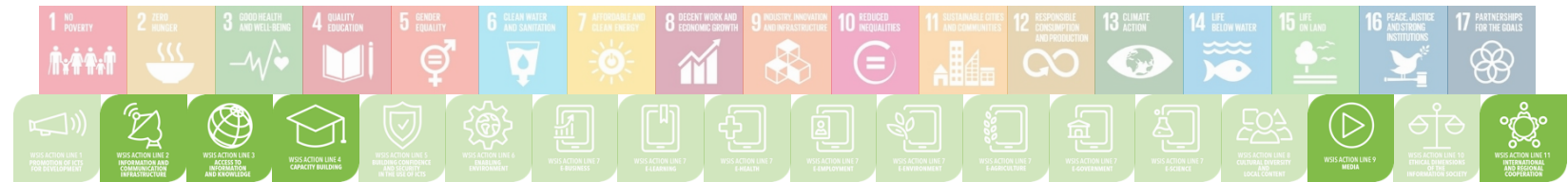
**Hack the Digital Divide**

World Summit Award



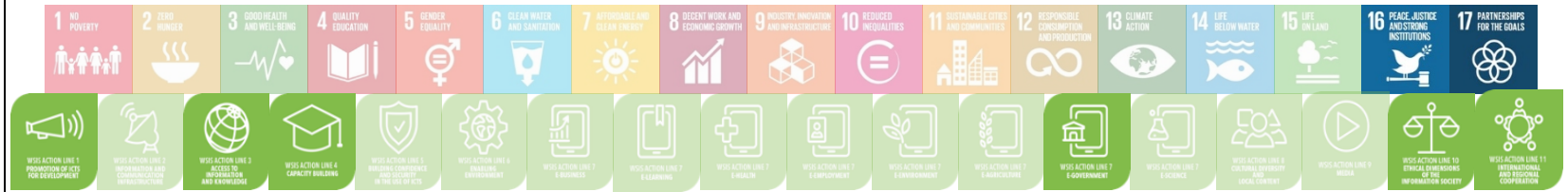
**Climate Change and how to promote DRR (Disaster risk reduction)**

UNDRR – ABU – ITU – Eurovisioni



**Technology for Democracy: Lessons learnt and the way forward for technology for democracy and human rights (2nd Segment)**

United Nations Development Programme



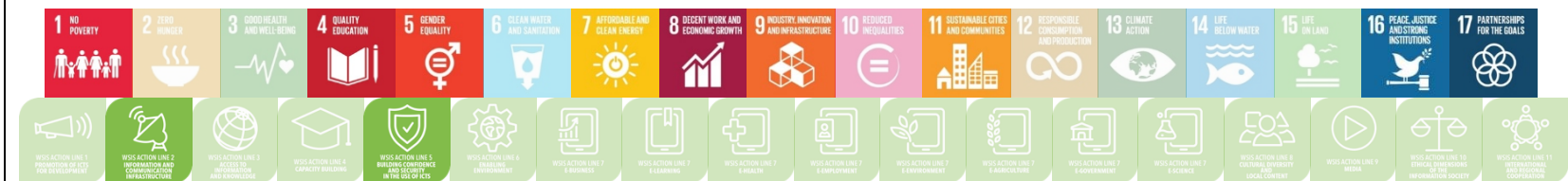
**WSIS Digital Service Design Special Prize**

Germany, Estonia, ITU and Digital Impact Alliance



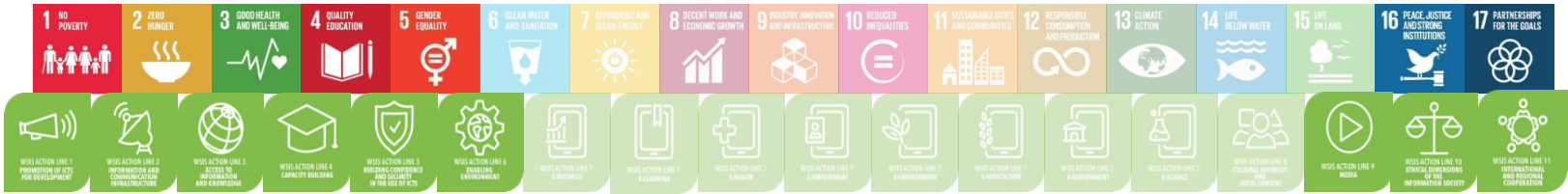
**The Next Frontier: Let's talk Digital Resilience - Cyber and Space**

ITU



**Online Visibility of Women in Parliament**

Omuka Hub



**UNGIS Leaders High-Level Meeting**

UNGIS



**WSIS Forum 2023 Opening Ceremony**

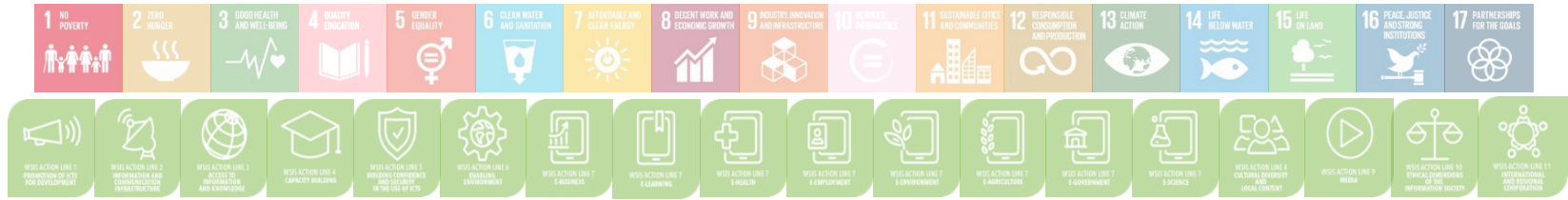
WSIS





**Digital cooperation and partnerships for inclusive sustainable development**

WSIS



**High-Level Strategic Dialogue: WSIS+20 and the future of WSIS beyond 2025**

WSIS



**High-Level Policy Session 1: Bridging Digital Divides**

WSIS



**High-Level Policy  
Session 2: Enabling  
Environment**

WSIS



**High-Level Policy  
Session 3 : Building  
confidence and  
security in the use  
of ICTs**

WSIS



**High-Level Policy  
Session 4:  
Inclusiveness –  
access to  
information and  
knowledge for all /  
Bridging Digital  
Divides**

WSIS





**High-Level Policy  
Session 5: Bridging  
Digital Divides**

WSIS



**High-Level Policy  
Session 6: Digital  
Economy and  
Trade/Financing for  
ICT**

WSIS



**High-Level Policy  
Session 7: Ethical  
Dimensions of  
Information and  
Knowledge Societies  
/ Bridging Digital  
Divides**

WSIS



**High-Level Policy  
Session 8: WSIS  
Action Lines and the  
2030 Agenda/  
Climate Change**

WSIS



**High-Level Policy  
Session 10 : Bridging  
Digital Divides**

WSIS



**High-Level Policy  
Session 9: ICT  
Applications and  
Services / Climate  
Change**

WSIS



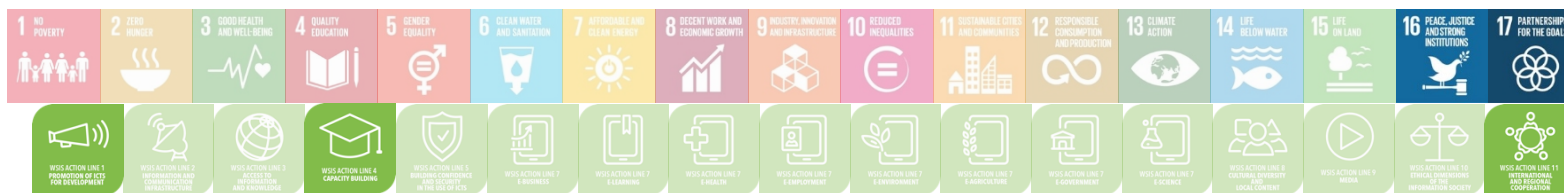
**High-Level Policy**  
**Session 11:**  
**Knowledge**  
**Societies, Capacity**  
**Building and e-**  
**learning / ICT**  
**Applications and**  
**Services**

WSIS



**High-Level Dialogue:**  
**Digital Governance**  
**and Capacity**  
**Building**

UNESCO



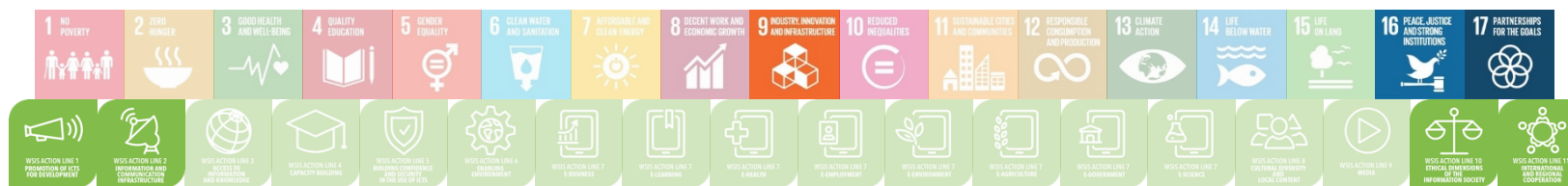
**WSIS 2023**  
**Ministerial**  
**Roundtable**

WSIS



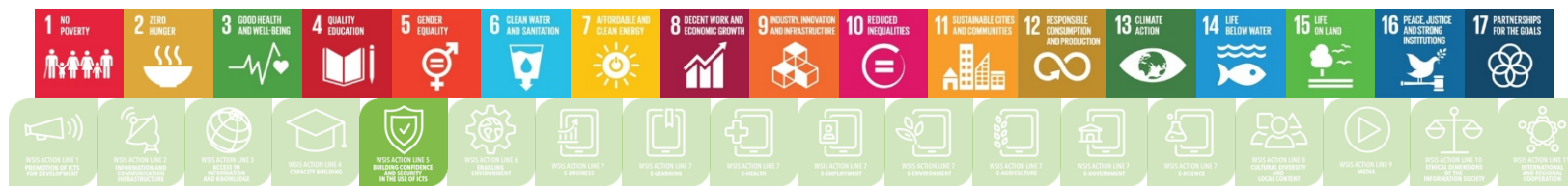
**How New Technologies Can Foster Digital Inclusion: A Multistakeholder Input to the Global Digital Compact**

German Federal Foreign Ministry in cooperation with the Office of the UN Secretary-Generals Envoy on Technology, the Government of Mexico & ITU



**Inter-Agency Working Group on AI- Bringing together the UN System expertise on AI**

ITU & The United Nations Educational, Scientific and Cultural Organization



**High-Level Dialogue: Implementation of the UNESCO Open Educational Resources (OER) Recommendation**

United Nations Educational, Scientific and Cultural Organization

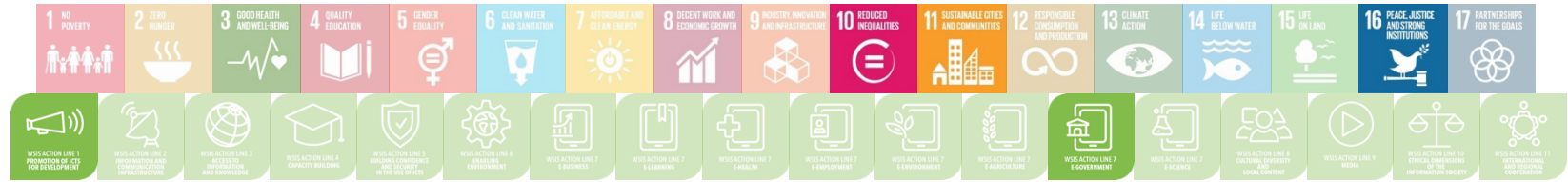




<p><b><u>Accelerating Innovation and Entrepreneurship for Digital Development</u></b></p>	<p>ITU/South Africa Mission</p>	
<p><b><u>WSIS Action Lines C7: e-Learning: Implementation of the UNESCO Recommendation on Open Educational Resources (OER)</u></b></p>	<p>United Nations Educational and Cultural Organization</p>	
<p><b><u>International Conference on Digital Transformation of Education: Road towards SDG 4</u></b></p>	<p>CMAI Association of India</p>	

**Localizing Digital Transformation in Ukraine: Use of innovative technologies in bridging the urban-rural divide**

Swiss-Ukrainian eGovernance for Accountability and Participation Program, INNOVABRIDG E Foundation, East Europe Foundation



**Sustaining relevant digital inclusive education for young people (5-18 years of age)**

International Federation for Information Processing



**Combatting Non Consensual Intimate Image Abuse (NCII)**

SWGfL



**Future of e-government assessment in the era of AI: Opportunities and Challenges**

United Nations Department of Economic and Social Services



**WSIS Action Line C8: Cultural diversity: Cultural and Linguistic Diversity, and Local Content Promotion**

UNESCO





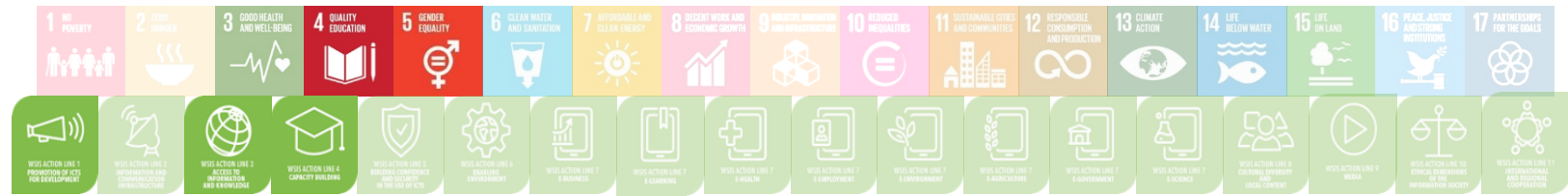
**Capacity Building and Enabling Environments for Meaningful Access in Indigenous and Rural Communities**

ITU-D Digital Inclusion, Rhizomatica Communications and Association for Progressive Communications (APC)



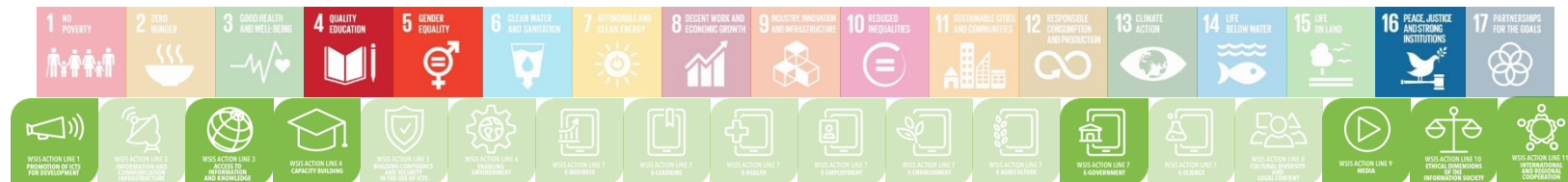
**AI-powered Open Educational Resources (OER) for ambitious and transformative action to achieve gender equality and quality education**

Slovenia



**Applying Internet Universality ROAM-X framework for WSIS+20 review and Global Digital Compact**

UNESCO



**Ethics and AI for and with Society: Ethical Design**

PROMIS@Service and AI&Society Journal, Springer Nature



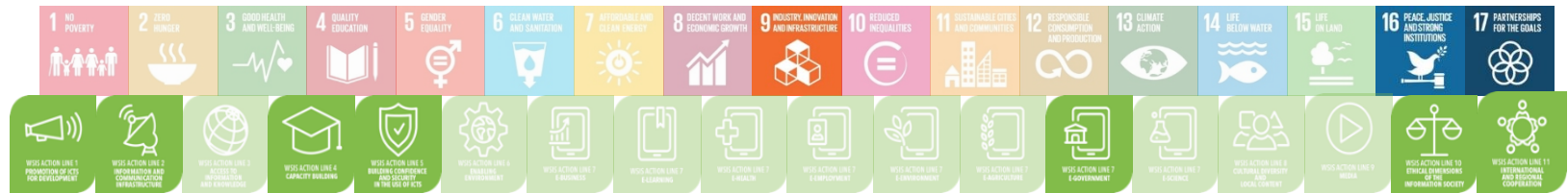
**Driving corporate action on digital inclusion: Ranking 200 most influential tech companies**

World Benchmarking Alliance



**Introduction to the Trustless Computing Certification Body and Seevik Net Initiative**

Trustless Computing Association



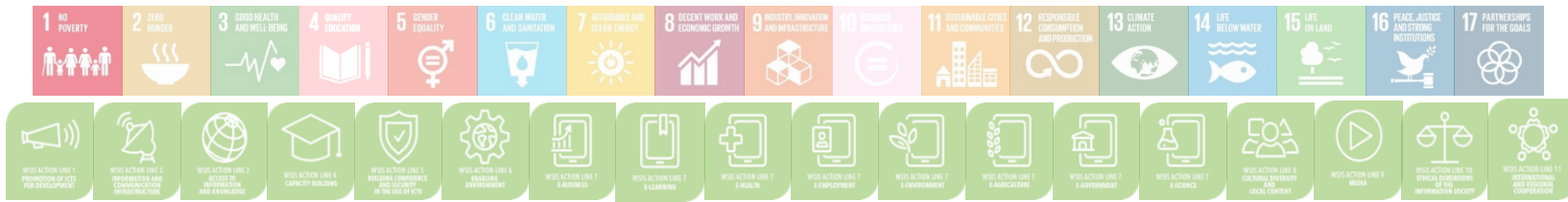
**Setting Standards for Sustainable Development: Adopting a rights-based approach to technical standard setting**

ITU, OHCHR



**Empowering Sustainable Healthcare: Innovations in ICT for a Greener, Healthier Future**

United Arab Emirates



**The UK support to digital development in developing and emerging countries**

United Kingdom



**GovStack CIO Digital Leaders Forum**

Germany, Estonia, ITU and the Digital Impact Alliance



**Making the most of quantum computers, inclusively and openly, to accelerate the SDGs and beyond**

Geneva Science and Diplomacy Anticipator Foundation



**The use of digital tools that facilitate effective intergenerational relationships**

Centre for Socio-Economic Development



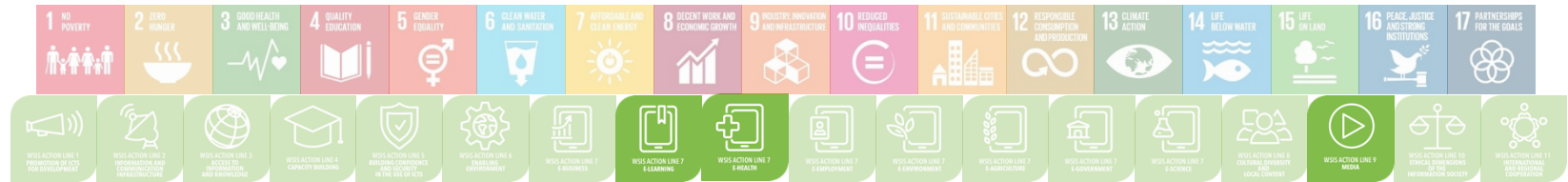
**Universities have a vital role in shaping the future of the society**

University of Oslo



**WSIS Intergenerational Knowledge Café**

WSIS



**WSIS Action Lines C6: Enabling environment**

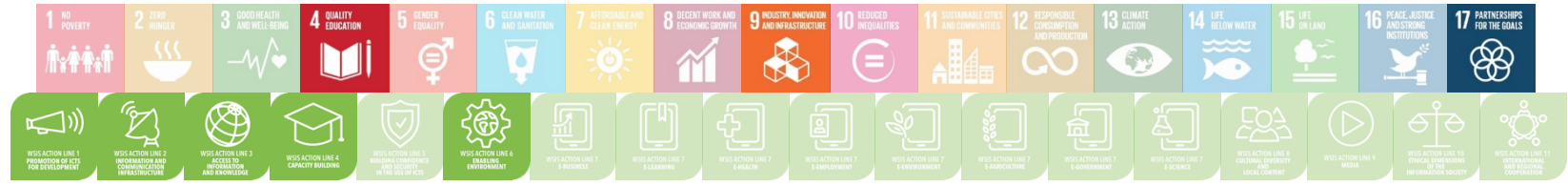
ITU





**Enabling digitization for people, planet and prosperity - a business perspective**

International Chamber of Commerce



**Generative AI and the Information Society: How IT professionals can ensure that Generative AI supports the Information Society**

International Federation for Information Processing - IP3



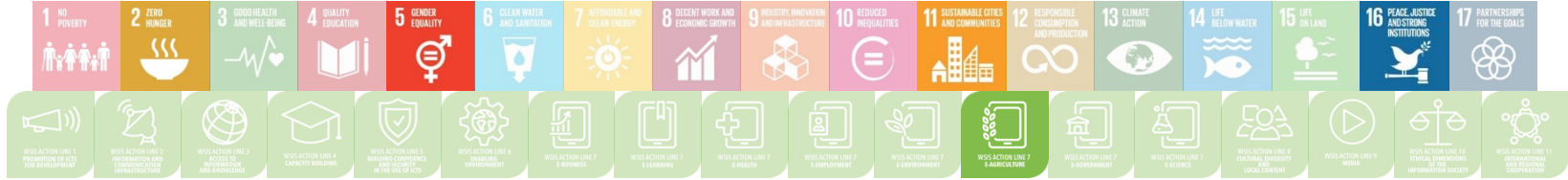
**ICT Indicators for monitoring international goals and targets**

Partnership on Measuring ICT for Development



**WSIS Action Line C7:  
E-Agriculture**

Food and Agriculture Organization of the United Nations



**Accelerating digital development in Europe and Central Asia: On our way to Agenda 2030**

ITU, with the contribution of the UN Digital Transformation Group for Europe and Central Asia



**The importance of meaningful access to information**

IFLA



*IFLA is strongly engaged in the UN 2030 Agenda, and is preparing inputs for this year's High-Level Political Forum and SDG Summit. Through this, we emphasise the importance of access to information, understood in its broadest sense (in line with WSIS Action Line C3), as a driver of development.*



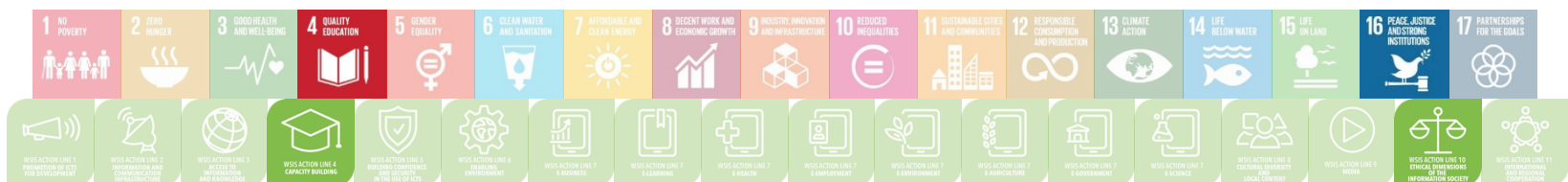
**Gender Mainstreaming Knowledge Café: the Importance of Role Models in Tech**

WSIS



**Multistakeholder Partnership to Empower Digital Literacy Initiatives**

ICT WATCH / SIBERKREASI



**WSIS Action Lines C10: Ethics: The UNESCO Recommendation on the Ethics of Artificial Intelligence: Putting ethics at the heart of AI systems**

UNESCO Social and Human Sciences Sector



*The ethical governance of artificial intelligence would ensure that the technology that is used in a wide range of domains, is beneficial to all, inclusive and sustainable. Thus, ethical AI intersect with many of the SDGs, as for example in order to reduce poverty, it is important to ensure that all people around the world are able to enjoy the benefits of technology, and utilize it for work opportunities, educational opportunities etc.*

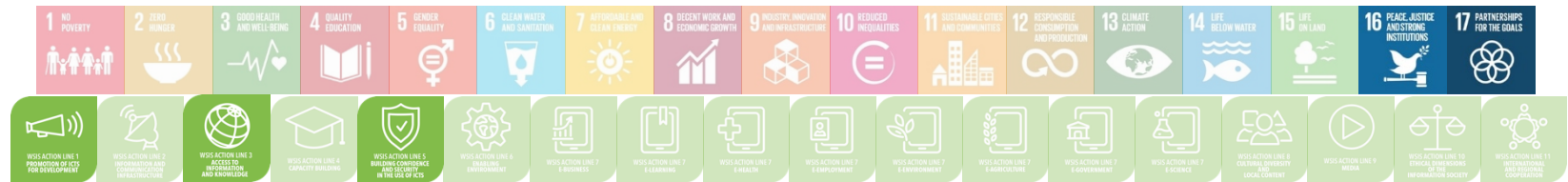
**AI for Good**

ITU



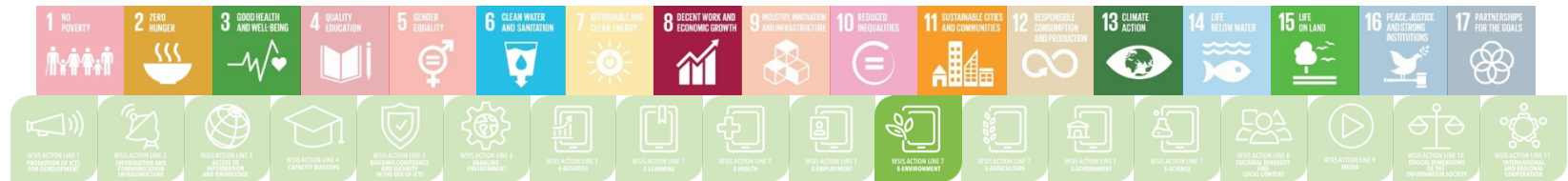
**Leveraging the power of sports for children's online safety**

ITU



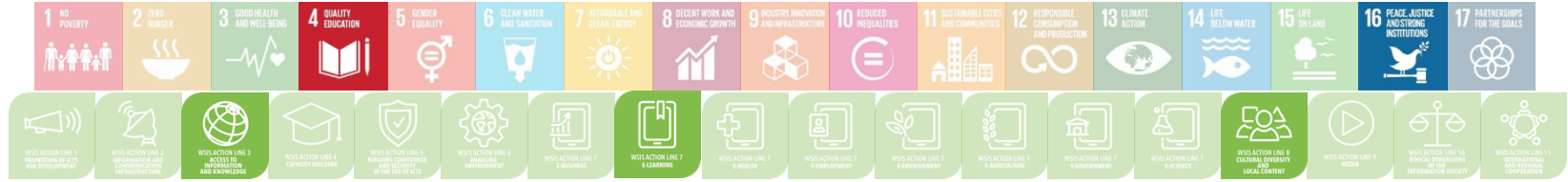
**Artificial intelligence for Climate Change in Africa**

Digital Coalition



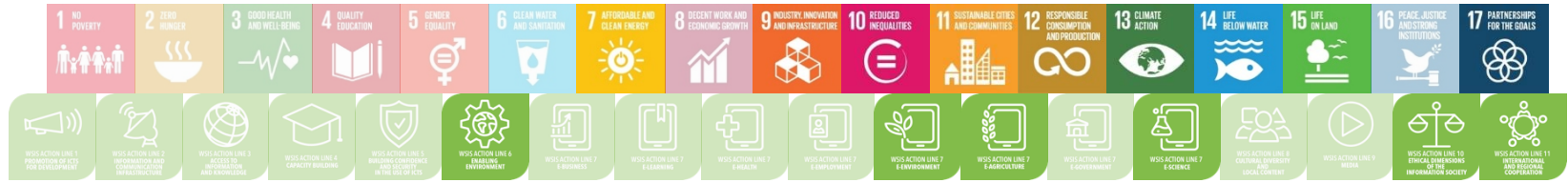
**Implementing digital technology in education. What are the risks and benefits?**

Oxford Internet Institute



**DESC walk**

The Digital-Environment System Coalition (DESC)



*DESC aims to provide a new way of considering the intersection of digital tech and the environment to be implemented post-Agenda 2030 and the SDGs. It is built in part through a reconsideration of whether "sustainability" and the economic "growth" (development) agenda are indeed compatible. It is therefore deeply concerned with all of the SDGs, but among the most important are:*

- 7 - sustainable energy production and storage that does not harm the environment are essential - ICTs (as currently designed and implemented) are one of the main contributors to global energy demand.*
- 9 - we need to have a refocusing of the entire digital tech sector so that it does indeed promote sustainable industrialization - this goes way beyond just reducing carbon emissions and e-waste*
- 10 - inequalities are enhanced through the ways in which the ICT exploits the physical environment*
- 11 - much emphasis has been placed on so-called "smart" cities - but their use of digital tech to achieve this is a yet further way through which urban dwellers exploit their rural brothers and sisters.*
- 12 - the ICT sector is in many ways "unsustainable" as it is currently designed, with its emphasis on "fast fashion" and inbuilt cycles of planned obsolescence - production patterns need to change*

13 - the global focus on the harms of climate change, and the emphasis of the digital tech sector mainly on reducing its carbon imprint has had seriously adverse impacts on other dimensions of the environment

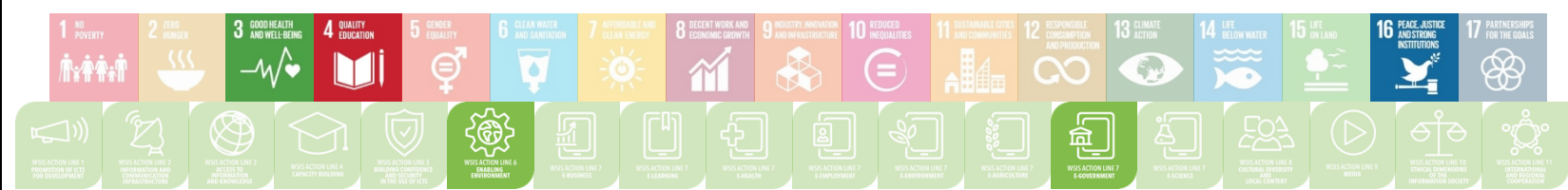
14 - demand for rare earth minerals for use in digital tech is having a seriously adverse impact on the oceans, especially through deep sea mining (proposed and ongoing)

15 - DESC is exploring the extent to which desertification, land degradation and biodiversity loss are impacted by digital tech, While it is widely recognised that digital tech can indeed be used to monitor and alleviate such environmental indicators, we need to know much more about their harmful contribution so that a balanced understanding can be achieved.

17 - DESC can only achieve its ambitious aims through a completely revitalized global partnership based on a comprehensive understanding of the balance between positive and negative aspects of digital tech.

**Harnessing emerging technologies for the achievement of the Sustainable Development Goals: Role of Government**

Rwanda



*This session highlights role of governments in leveraging emerging technologies to improve governance and service delivery as essential for achieving several SDGs. For instance, digital platforms/technologies can be used to improve citizen engagement and accountability (SDG 16), healthcare (SDG 3), education (SDG 4), and access to financial services (SDG 8).*

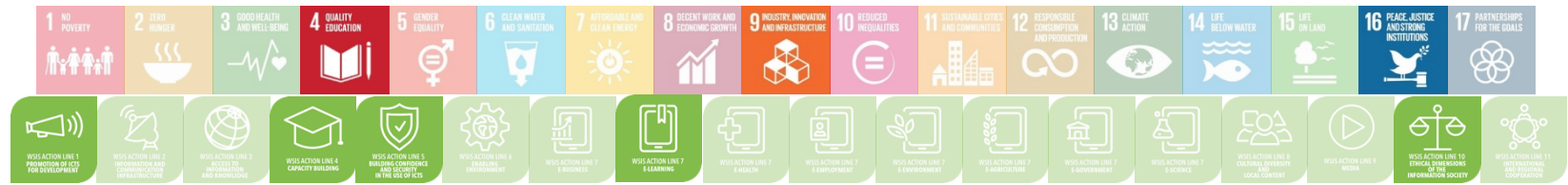
*Harnessing the potential of emerging technologies for sustainable development requires a coordinated effort from governments. Governments have a critical role to play in creating an enabling environment for the deployment of emerging technologies, through investment in research and development, support innovation ecosystems, and create regulatory frameworks that balance innovation with safety, privacy, and ethical concerns.*

<p><b>Small countries – Global impact: Digital journey tips and tricks from Lithuania</b></p>	<p>Lithuania</p>	
<p><b>Closing the digital divide—how capacity building can help communities build sustainable Internet Infrastructure</b></p>	<p>ISOC</p>	
<p><b>Giga: Defining and Financing Meaningful School Connectivity</b></p>	<p>Giga (ITU and UNICEF), Government of Switzerland and Government of Spain</p>	



**Governance and Regulation of Education Technologies: How to ensure EdTech serve in children's best interests?**

EDDS



**Innovation and Entrepreneurship Alliance - Power Session**

ITU



**The Charter for Digital Public Goods**

The Digital Impact Alliance and the Digital Public Goods Alliance



<p><b>WSIS Action Lines</b> <b>C9: Media: Digital platform regulation</b></p>	<p>UNESCO</p>	
<p><b>EQUALS – EU</b></p>	<p>ITU</p>	
<p><b>Digital inclusion and social security services: Key challenges and lessons learned</b></p>	<p>International Social Security Association and United Nation University Operating Unit on Policy-Driven Electronic Governance</p>	

<p><b><u>Reimagining the Interface between Digital Tech and the Physical Environment</u></b></p>	<p>DESC/UNESCO Chair in ICT4D, Royal Holloway, University of London</p>	
<p><b><u>Internet Governance Forum 2023</u></b></p>	<p>United Nations Internet Governance Forum Secretariat</p>	
<p><b><u>The role of the Global Strategy on Digital Health 2020-2025 in strengthening country's autonomy in fast tracking UHC and the health related SDGs</u></b></p>	<p>ITU / WHO</p>	

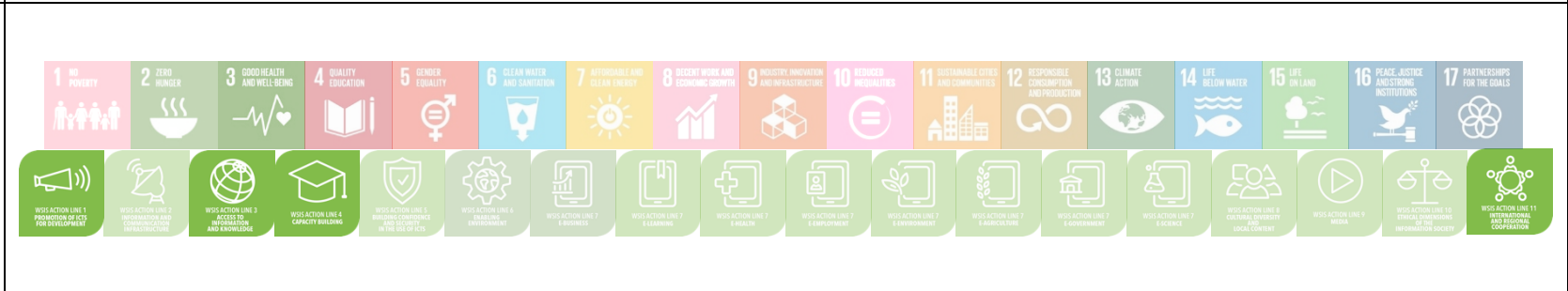
**WSIS Action Lines**  
**C7: e-Science: Post**  
**truth on Open Data,**  
**Disinformation and**  
**Climate Change: Can**  
**Technology help?**

UNESCO



**Qatar to host large**  
**scale events - ITU PP**  
**2026 and highlight**  
**its ICT potential**

Communications Regulatory Authority, State of Qatar



**Enabling the Net**  
**Zero Transition –**  
**Harnessing ICT**  
**solutions to reduce**  
**GHG emissions**

ITU



<p><b><u>What migrants want: digital tech, inequality and migration</u></b></p>	<p>Royal Holloway, University of London</p>	<p>A row of 17 Sustainable Development Goal (SDG) icons, each with a corresponding WSIS Action Line icon below it. The SDG icons are: 1. No Poverty, 2. Zero Hunger, 3. Good Health and Well-being, 4. Quality Education, 5. Gender Equality, 6. Clean Water and Sanitation, 7. Affordable and Clean Energy, 8. Decent Work and Economic Growth, 9. Industry, Innovation and Infrastructure, 10. Reduced Inequalities, 11. Sustainable Cities and Communities, 12. Responsible Consumption and Production, 13. Climate Action, 14. Life Below Water, 15. Life on Land, 16. Peace, Justice and Strong Institutions, 17. Partnerships for the Goals. The WSIS Action Lines are: 1. Promotion of ICTs for Development, 2. Information and Communication Infrastructure, 3. Access to Information and Knowledge, 4. Capacity Building, 5. Building Confidence and Security in the Use of ICTs, 6. Enabling Environment, 7. e-Business, 8. e-Learning, 9. e-Health, 10. e-Employment, 11. e-Environment, 12. e-Agriculture, 13. e-Government, 14. e-Science, 15. Cultural Diversity and Local Content, 16. Media, 17. Ethical Environment of the Information Society, 18. International and Regional Cooperation.</p>
<p><b><u>Strengthening Africa's voices in global digital processes</u></b></p>	<p>Permanent Missions of Djibouti, Kenya and Namibia; DiploFoundation; Geneva Internet Platform.</p>	<p>A row of 17 Sustainable Development Goal (SDG) icons, each with a corresponding WSIS Action Line icon below it. The SDG icons are: 1. No Poverty, 2. Zero Hunger, 3. Good Health and Well-being, 4. Quality Education, 5. Gender Equality, 6. Clean Water and Sanitation, 7. Affordable and Clean Energy, 8. Decent Work and Economic Growth, 9. Industry, Innovation and Infrastructure, 10. Reduced Inequalities, 11. Sustainable Cities and Communities, 12. Responsible Consumption and Production, 13. Climate Action, 14. Life Below Water, 15. Life on Land, 16. Peace, Justice and Strong Institutions, 17. Partnerships for the Goals. The WSIS Action Lines are: 1. Promotion of ICTs for Development, 2. Information and Communication Infrastructure, 3. Access to Information and Knowledge, 4. Capacity Building, 5. Building Confidence and Security in the Use of ICTs, 6. Enabling Environment, 7. e-Business, 8. e-Learning, 9. e-Health, 10. e-Employment, 11. e-Environment, 12. e-Agriculture, 13. e-Government, 14. e-Science, 15. Cultural Diversity and Local Content, 16. Media, 17. Ethical Environment of the Information Society, 18. International and Regional Cooperation.</p>
<p><b><u>WSIS Action Lines Facilitators Meeting: WSIS+20 Multistakeholder Consultation Process</u></b></p>	<p>WSIS</p>	<p>A row of 17 Sustainable Development Goal (SDG) icons, each with a corresponding WSIS Action Line icon below it. The SDG icons are: 1. No Poverty, 2. Zero Hunger, 3. Good Health and Well-being, 4. Quality Education, 5. Gender Equality, 6. Clean Water and Sanitation, 7. Affordable and Clean Energy, 8. Decent Work and Economic Growth, 9. Industry, Innovation and Infrastructure, 10. Reduced Inequalities, 11. Sustainable Cities and Communities, 12. Responsible Consumption and Production, 13. Climate Action, 14. Life Below Water, 15. Life on Land, 16. Peace, Justice and Strong Institutions, 17. Partnerships for the Goals. The WSIS Action Lines are: 1. Promotion of ICTs for Development, 2. Information and Communication Infrastructure, 3. Access to Information and Knowledge, 4. Capacity Building, 5. Building Confidence and Security in the Use of ICTs, 6. Enabling Environment, 7. e-Business, 8. e-Learning, 9. e-Health, 10. e-Employment, 11. e-Environment, 12. e-Agriculture, 13. e-Government, 14. e-Science, 15. Cultural Diversity and Local Content, 16. Media, 17. Ethical Environment of the Information Society, 18. International and Regional Cooperation.</p>



**Tuk Gwet: Fixing the Digital Future for Societies Excluded by Language**

Kamusi Project International



*The link between language and sustainable development has rarely been articulated on a global stage. Development agencies often find means to address particular language needs on an ad hoc basis, such as local translators or the occasional localized interface for a digital app. However, the production of a viable linguistic infrastructure is outside the scope of the mandates of most organizations. At the same time, funding for research and development for most languages on an academic or industrial level is paltry or non-existent - a problem that is being greatly exacerbated by the current fixation on AI, for which only languages that already have large amounts of digitized data to undergird “large language models” can participate. Moreover, a gender dimension in many places, where education in the lucrative languages that lead to political and economic power is often denied to girls, garners almost no consideration among planners and policymakers. The need to prioritize language within the development process is manifest, but the actuality of doing so is mostly absent.*

**Young Societies Role in shaping emerging technologies and progressive digital institutions**

Ongea Na Demokrasia



*Inclusion is a baseline support factor, our session is about collective ideation and action in a youth narrative, including the voices of youth through empowerment and decision making on how digital institutions take shape. Through emerging technologies and localized policy accessible to all, we can achieve a labor-force adapted to the fourth Industrial Revolution and innovating for social good, supporting goal 4 and 8. Youth participation as a demographic and potent group for policy and strategic planning for internet and technology governance based on pillars of diversity shaping inclusive diverse and more just societies empowered by technology supporting goal 16.*

<p><b>Evolution of digital literacy and Future of EdTech for employers and employees</b></p>	<p>AIS</p>	
<p><b>From school connectivity to community empowerment - the role of governments, universities, MNOs and CSOs</b></p>	<p>African Child Projects/ Basic Internet Foundation</p>	
<p><b>WSIS Action Line C4: Understanding AI powered learning: Implications for developing countries</b></p>	<p>ITU, ITC-ILO</p>	

<p><b><u>Value of Earth observations and geospatial technologies for climate action and measuring the SDGs</u></b></p>	<p>World Geospatial Industry Council</p>	
<p><b><u>ITU Members driving ICT/digital accessibility to build a digitally inclusive world for all</u></b></p>	<p>ITU-D Study Groups Question 7/1 Management Team</p>	
<p><b><u>IT in Disaster Risk Reduction (ITDRR)</u></b></p>	<p>International Federation for Information Processing</p>	

**Approaches to build accessible environments and fuel digital inclusion**

Internet Society of China



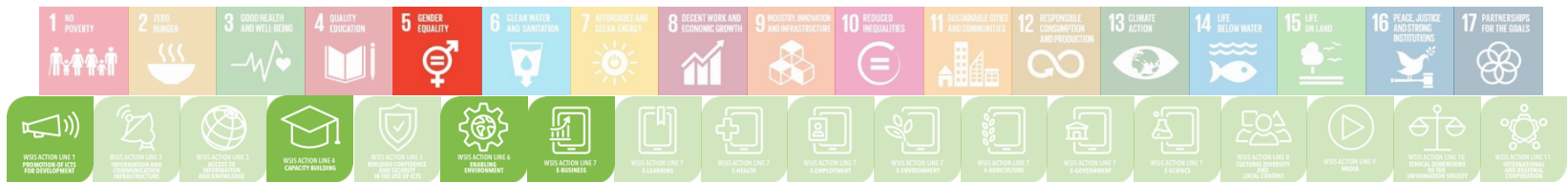
**The role freelancing and SMEs in bridging digital divide**

Iran University of Science and Technology - Research Center for ICT Strategic and International Studies



**How Can Women Digital Entrepreneurs Boost Inclusion?**

United Nations Conference on Trade and Development



<p><b>Tech Hubs in Africa After the Pandemic</b></p>	<p>International Trade Centre</p>	<p>The infographic for International Trade Centre displays the 17 Sustainable Development Goals (SDGs) in a top row, each with a number and icon. Below them are 11 Action Lines, each with an icon and a label: Action Line 1 (Promotion of ICTs for Development), Action Line 2 (Information and Communication Infrastructure), Action Line 3 (Access to Information and Knowledge), Action Line 4 (Capacity Building), Action Line 5 (Building Confidence and Security in the Use of ICTs), Action Line 6 (Enabling Environment), Action Line 7 (Business), Action Line 8 (E-Learning), Action Line 9 (E-Health), Action Line 10 (E-Employment), Action Line 11 (E-Environment), Action Line 12 (E-Agriculture), Action Line 13 (E-Government), Action Line 14 (E-Science), Action Line 15 (Cultural Diversity and Local Content), Action Line 16 (Ethical Frameworks of the Information Society), and Action Line 17 (International and Regional Cooperation).</p>
<p><b>Universal Acceptance (UA) as a driver in access to the Internet and support for digital inclusion</b></p>	<p>ICANN – Contributing Partner, UNESCO</p>	<p>The infographic for ICANN – Contributing Partner, UNESCO displays the 17 Sustainable Development Goals (SDGs) in a top row, each with a number and icon. Below them are 11 Action Lines, each with an icon and a label: Action Line 1 (Promotion of ICTs for Development), Action Line 2 (Information and Communication Infrastructure), Action Line 3 (Access to Information and Knowledge), Action Line 4 (Capacity Building), Action Line 5 (Building Confidence and Security in the Use of ICTs), Action Line 6 (Enabling Environment), Action Line 7 (Business), Action Line 8 (E-Learning), Action Line 9 (E-Health), Action Line 10 (E-Employment), Action Line 11 (E-Environment), Action Line 12 (E-Agriculture), Action Line 13 (E-Government), Action Line 14 (E-Science), Action Line 15 (Cultural Diversity and Local Content), Action Line 16 (Ethical Frameworks of the Information Society), and Action Line 17 (International and Regional Cooperation).</p>
<p><b>Digital Governance and Open Data</b></p>	<p>ICT Research Institute</p>	<p>The infographic for ICT Research Institute displays the 17 Sustainable Development Goals (SDGs) in a top row, each with a number and icon. Below them are 11 Action Lines, each with an icon and a label: Action Line 1 (Promotion of ICTs for Development), Action Line 2 (Information and Communication Infrastructure), Action Line 3 (Access to Information and Knowledge), Action Line 4 (Capacity Building), Action Line 5 (Building Confidence and Security in the Use of ICTs), Action Line 6 (Enabling Environment), Action Line 7 (Business), Action Line 8 (E-Learning), Action Line 9 (E-Health), Action Line 10 (E-Employment), Action Line 11 (E-Environment), Action Line 12 (E-Agriculture), Action Line 13 (E-Government), Action Line 14 (E-Science), Action Line 15 (Cultural Diversity and Local Content), Action Line 16 (Ethical Frameworks of the Information Society), and Action Line 17 (International and Regional Cooperation).</p>



<p><b>WSIS ALFM C7: e-Environment: Harmonization of E-waste Data and Statistics</b></p>	<p>ITU, UNEP</p>	
<p><b>Local ICTs Platforms: Challenges and Opportunities</b></p>	<p>Information Technology Organization of Iran &amp; Iran University of Science and Technology</p>	
<p><b>Cyber Drill</b></p>	<p>National Cybersecurity Authority Saudi Arabia (NCA) / ITU</p>	

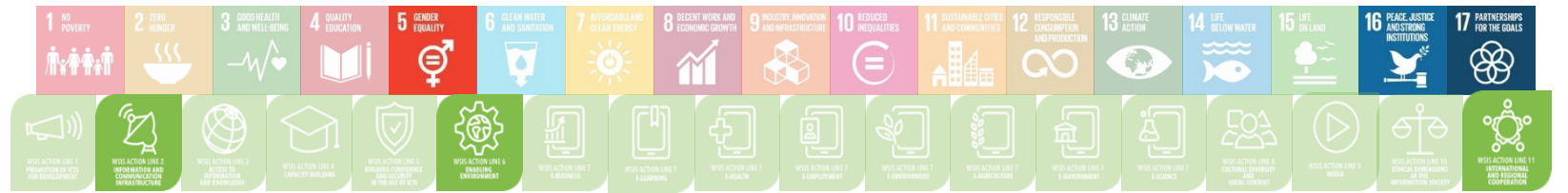
**Working together to sustain our future: what space has to offer and how we protect it**

Space Park  
Leicester |  
University of  
Leicester (UK)  
& DePaul  
University (US)



**Gender Responsive Standards**

ITU, UNECE,  
ISO, IEC and  
Canada



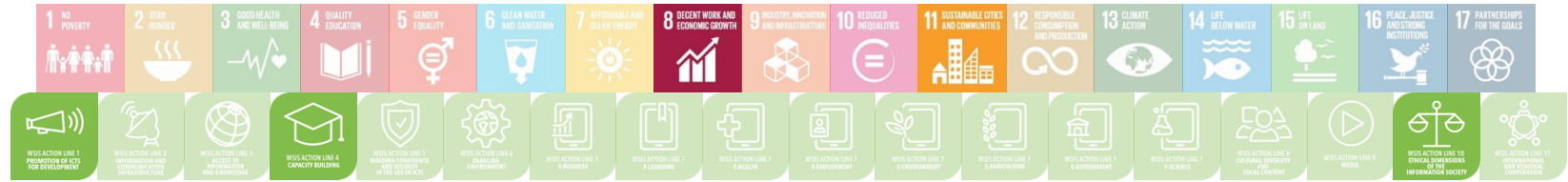
**Sustainable Synergy: How Accelerating Gender Equality in IT warrants a Thriving, Eco-friendly Future**

Women in  
Tech in  
Switzerland



**AI in local government**

United Nations University - EGOV/UN Habitat



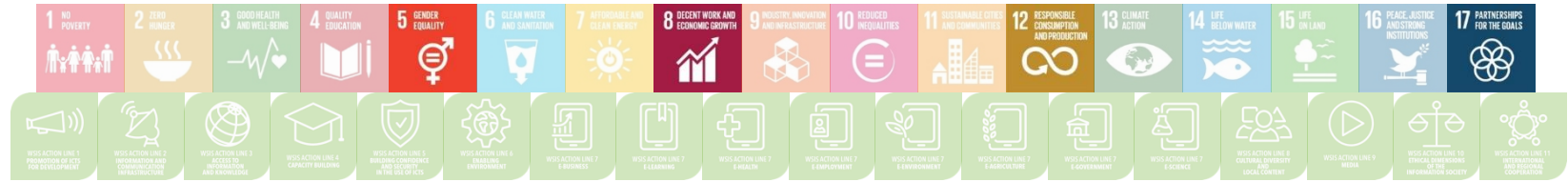
**Lasers in Space! Can Low Earth Orbit (LEO) Satellites Close the Digital Divide?**

Internet Society – Contributing Partner



**Futuremakers Programme: Supporting the resilience of MSMEs and entrepreneurs after the Covid-19 pandemic**

Habitat Association



**How Tech is Defining Medical Innovation and Integrated Care**

Global Coalition on Aging (GCOA)



**Digital Financial Services and Economic Empowerment of Women**

ADA Lovelace Software Private Limited.



**Smart Homes Matter**

Global Coalition on Aging (GCOA)



**Incentivising Tech Companies for Actions in Narrowing Digital Divide: Learnings and Opportunities Forward**

World Benchmarking Alliance



**The Age Tech Revolution – The Investment Opportunity**

Global Coalition on Aging (GCOA)






**Mainstreaming ICT accessibility across all sectors and by all stakeholders - a key requirement for building inclusive digital communities, societies, and environments**

ITU





<p><b>Equity and Technology Across the Lifecourse - Readjusting Ageist Attitudes</b></p>	<p>Global Coalition on Aging (GCOA)</p>	
<p><b>Creating the New Urban Infrastructure that Supports Healthy Aging</b></p>	<p>Global Coalition on Aging (GCOA)</p>	
<p><b>Enhancing Digital Trust for a Sustainable, Connected, Intelligent World</b></p>	<p>SAMENA Leaders' Summit, Huawei</p>	

<p><b>Artificial Intelligence, Internet of Things, Blockchains and Metaverse and Law</b></p>	<p>Cyberlaw University</p>	
<p><b>ICT accessibility for inclusive job opportunities</b></p>	<p>ITU &amp; International Labour Organization</p>	
<p><b>Cibervoluntarios: Building a tech volunteering network, the challenge of digital inclusion to promote participation and guarantee citizen digital sovereignty</b></p>	<p>Fundación Cibervoluntarios</p>	 <ul style="list-style-type: none"> <li>- Success stories on how to promote the open, inclusive and transparent participation of citizens as an active part in achieving the SDGs.</li> <li>- How to put citizens in the center of Digital Transition with positive social impact.</li> <li>- Guarantee Digital rights and citizen digital sovereignty</li> <li>- The continuous search for digital solutions to solve SDGs challenges, involving a multi stakeholder collaboration: Universities, researchers, innovators ecosystem, NGOs, Public Administration (from local to national) and Policy makers, Educational sector from early ages, and of course Grassroots organizations addressing and detecting citizens needs first hand to promote the co creation of sustainable tools to achieve the Agenda 2030.</li> </ul>

		<ul style="list-style-type: none"> <li>- <i>How to promote, through technological tools, a more efficient participation in the face of the existing needs in the 2030 Agenda. Not only to generate business but, more importantly, to generate social transformation and turn needs into opportunities in a sustainable and ethical manner.</i></li> <li>- <i>How to strengthen local development and the skills of Civil Society Institutions from a local and global perspective for the development of the 2030 Agenda.</i></li> </ul>
<p><b><u>Protecting the Internet through measurements and internet resilience index</u></b></p>	<p>Internet Society – Contributing Partner</p>	
<p><b><u>Consolidation of programmes</u></b></p>	<p>The OneGoal Initiative for Governance</p>	
<p><b><u>Coalition for Digital Africa and initiatives to strengthen the Internet Infrastructure in Africa</u></b></p>	<p>ICANN – Contributing Partner</p>	

**ICTs for Wellbeing and Happiness special track: The role of ICTs in Mental Health Prevention and Treatment**

WSIS



**ITU-T Study Group 15 Workshop - Importance of international standards for the deployment of fibre optic broadband network infrastructure - PART SESSION 1**

ITU-T Study Group 15



*The links between session 1 of the ITU-T Study Group 15 workshop and the selected Goal 9 related Sustainable Development Goal are:*

- *The fundamental importance of ICT standards developed by ITU-T SG15 to meet ITU’s Strategic Plan for universal connectivity and sustainable digital transformation, accelerate broadband connectivity deployment and provide access to the internet to the 2.7 billion unconnected people.*
- *The structure of the ITU-T, especially the standardization work of ITU-T SG15 and how do the ICT standards from SG15 enable the deployment of a resilient infrastructure for the transport, broadband access and home networks, how do they support the interconnection between national networks in different regions, provide deployment options, improve product availability, support interoperability between vendors, promote sustainable industrialization and foster innovation.*

**Embracing Biodiversity – How the ICT sector can go beyond COP 15**

ITU



**ITU-T Study Group 15 Workshop: Importance of international standards for the deployment of fibre optic broadband network infrastructure – PART SESSION 2**

ITU-T Study Group 15



*The links between session 2 of the ITU-T Study Group 15 workshop and the selected Goal 9 related Sustainable Development Goal are:*

- Provides network that are both cost effective and robust.
- Supports the deployment of new technologies as they evolve.
- The infrastructure is essentially independent of the services that run over it. This allows the infrastructure and services to evolve independently.



**ITU-T Study Group 15 Workshop - Importance of international standards for the deployment of fibre optic broadband network - PART SESSION 3**

ITU-T Study Group 15



The links between session 3 of the ITU-T Study Group 15 workshop and the selected Goal 9 related Sustainable Development Goal are:

- Provides network that are both cost effective and robust.
- Supports the deployment of new technologies as they evolve.
- The infrastructure is essentially independent of the services that run over it. This allows the infrastructure and services to evolve independently.

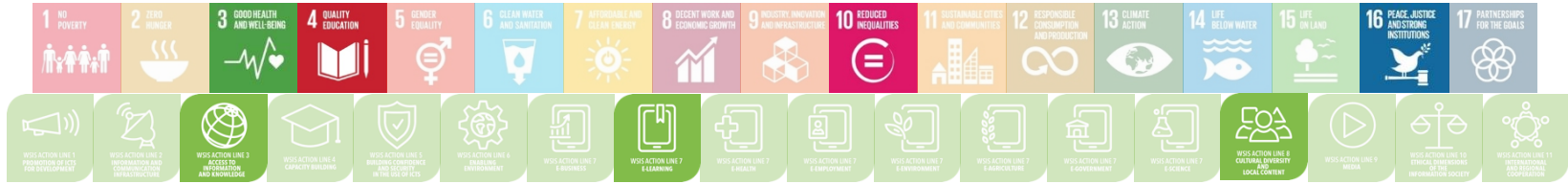
**Latin America and the Caribbean Marketplace Explorer**

International Trade Centre & Economic Commission for Latin America and the Caribbean



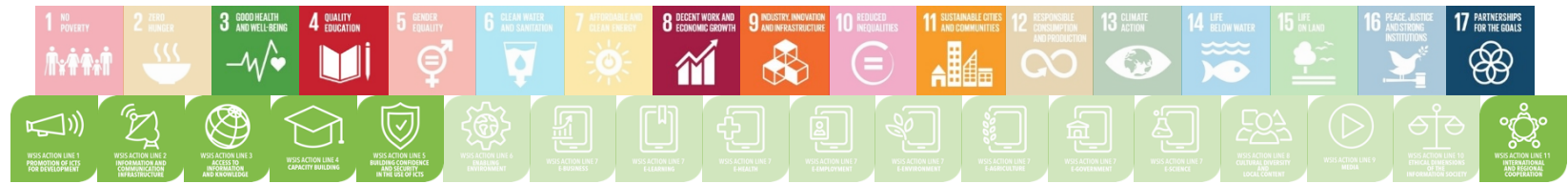
**Biskaabiiyaang: The Indigenous Metaverse**

UniVirtual (formerly Chant Newall Development Group)



**Cybersecurity and resilience**

South School on Internet Governance



*Building resilient infrastructure, promoting sustainable industrialization, and fostering innovation are all critical for achieving sustainable development, promoting economic growth, and creating a better future for all.*

*Resilient infrastructure is essential for ensuring that people have access to critical services, such as healthcare, education, and emergency response, especially during times of crisis or disaster. It also helps to build economic resilience, which can help communities recover from shocks and promote long-term growth.*

*Sustainable industrialization: Sustainable industrialization helps to create jobs, drive economic growth, and promote technological innovation, while also reducing the negative impacts of industrial activity on the environment and society. It also helps to promote social equity and reduce poverty by creating opportunities for people to participate in the economy.*

*Innovation is essential for driving progress and solving complex problems. It helps to create new products and services, improve efficiency, and enhance quality of life. Innovation can also help to reduce negative environmental impacts and promote social equity by creating new opportunities for people to participate in the economy.*

**Round Table on Cyberlaw, Cybercrime & Cybersecurity**

International conference on cyberlaw, cybercrime & cybersecurity, international commission on cyber security law and cyberlaw university



<p><b><u>The transformative potential of data for learning</u></b></p>	<p>ITU/UNESCO Broadband Commission for Sustainable Development</p>	
<p><b><u>Sustainable Batteries - The building blocks of a circular economy</u></b></p>	<p>ITU and the Secretariat of the Basel Convention</p>	
<p><b><u>WSIS Forum 2023 Final Closing Ceremony</u></b></p>	<p>WSIS</p>	