

SDG Digital Acceleration Agenda: Leveraging Digital Technologies to Accelerate Progress Toward the 2030 Sustainable D...

Document Type: Acuerdos Multilaterales

Document Information

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Countries Involved

| | | |
|--------------------------|--------------------|-------------------|
| Algeria (DZA) | Argentina (ARG) | Bangladesh (BGD) |
| Brazil (BRA) | China (CHN) | Colombia (COL) |
| Dominican Republic (DOM) | Egypt (EGY) | Ethiopia (ETH) |
| Fiji (FJI) | Gambia (GMB) | Germany (DEU) |
| Ghana (GHA) | Guatemala (GTM) | Honduras (HND) |
| India (IND) | Indonesia (IDN) | Iraq (IRQ) |
| Kenya (KEN) | Liberia (LBR) | Malaysia (MYS) |
| Mali (MLI) | Mexico (MEX) | Morocco (MAR) |
| Mozambique (MOZ) | Nepal (NPL) | Nigeria (NGA) |
| Pakistan (PAK) | Peru (PER) | Philippines (PHL) |
| Poland (POL) | Portugal (PRT) | Rwanda (RWA) |
| Saudi Arabia (SAU) | Sierra Leone (SLE) | Singapore (SGP) |

| | | |
|--------------------|---------------------|------------------------------------|
| South Africa (ZAF) | South Sudan (SSD) | Sri Lanka (LKA) |
| Sudan (SDN) | Tajikistan (TJK) | Tanzania, United Republic of (TZA) |
| Thailand (THA) | Togo (TGO) | Uganda (UGA) |
| Ukraine (UKR) | United States (USA) | Uruguay (URY) |
| Uzbekistan (UZB) | Viet Nam (VNM) | Zambia (ZMB) |
| Zimbabwe (ZWE) | | |

Executive Summary

The SDG Digital Acceleration Agenda, launched by ITU and UNDP in 2023, highlights the transformative potential of digital technologies to accelerate progress toward the Sustainable Development Goals (SDGs). With 2.6 billion people still offline, the agenda emphasizes inclusive digital transformation, focusing on digital skills, governance, infrastructure, financing, and security. It showcases 34 proven digital solutions across all 17 SDGs, demonstrating how technologies like mobile money, AI, IoT, and digital public infrastructure can improve health, education, financial inclusion, climate action, and governance. The agenda stresses the need for whole-of-government and whole-of-society approaches, collaboration among stakeholders, and robust protections to mitigate risks such as digital divides, cybersecurity threats, and bias. Emerging technologies, if responsibly deployed, can further amplify impact. To realize this potential, strategic leadership, sustainable financing, and inclusive policies are essential. The agenda calls for scaling proven solutions, enhancing partnerships, and investing in digital ecosystems to ensure no one is left behind in the digital future.

Taxonomies

Themes

- **Digital Acceleration** (Digital Transformation & Strategy)
- **Digital Infrastructure** (Digital Transformation & Strategy)
- **Digital Ecosystem** (Digital Transformation & Strategy)
- **Digital Platforms** (Digital Transformation & Strategy)
- **Digital Skills Development** (Digital Transformation & Strategy)
- **Digital Policy** (Digital Transformation & Strategy)
- **Digital Investment** (Digital Transformation & Strategy)
- **Artificial Intelligence** (Technology & Innovation)
- **ICT Innovation** (Technology & Innovation)
- **5G** (Technology & Innovation)
- **Data Governance** (Data & Governance)
- **Digital Governance** (Data & Governance)
- **Digital Ethics** (Data & Governance)
- **Cybersecurity** (Data & Governance)
- **Digital Rights** (Data & Governance)
- **E-Governance** (Data & Governance)
- **Digital Inclusion** (Inclusion & Social Development)

- **Digital Education** (Inclusion & Social Development)
- **Connectivity** (Inclusion & Social Development)
- **Global Digital Cooperation** (Regional & International Cooperation)
- **Digital & Technological Partnerships** (Regional & International Cooperation)
- **Digital Acceleration (Digital Transformation & Strategy)** (Digital Transformation & Strategy) - Relevance: 1.0

Justification: This theme is the core focus of the entire document, framing the agenda around accelerating digital transformation to achieve the SDGs. It encompasses strategy, vision, and holistic approaches that guide all other themes, making it central to the document's main message and strategic importance.

- **Digital Infrastructure (Digital Transformation & Strategy)** (Digital Transformation & Strategy) - Relevance: 0.9

Justification: Digital infrastructure is foundational to enabling digital acceleration and transformation. The document dedicates significant content to connectivity, digital public infrastructure, and technical enablers, highlighting their critical role in achieving universal and meaningful connectivity and supporting digital solutions at scale.

- **Digital Inclusion (Inclusion & Social Development)** (Inclusion & Social Development) - Relevance: 0.85

Justification: Ensuring that digital transformation benefits everyone, especially marginalized groups, is a recurring and strategic priority throughout the document. The agenda emphasizes closing digital divides (gender, rural-urban, skills), embedding protections, and fostering inclusive digital skills development, which are essential to fulfilling the SDGs equitably.

Actors

- **International Telecommunication Union (ITU)** (Political Actors) - Relevance: 1.0

Justification: ITU is a lead organization prominently mentioned throughout the document as a key driver of the SDG Digital Acceleration Agenda. It plays a central role in digital infrastructure, connectivity, governance, and global coordination efforts, and is involved in multiple initiatives and partnerships critical to the agenda.

- **United Nations Development Programme (UNDP)** (Political Actors) - Relevance: 0.95

Justification: UNDP is co-lead with ITU and deeply involved in shaping, supporting, and implementing the digital acceleration agenda. It provides strategic leadership, policy frameworks, and operational support, and is frequently cited in relation to digital transformation, inclusion, and SDG progress.

- **Inter-American Development Bank (IDB)** (Economic Actors) - Relevance: 0.75

Justification: IDB is a key knowledge partner and supporter, contributing expertise on financing, innovation, and regional digital transformation, especially in Latin America and the Caribbean. It is involved in initiatives like fAIr LAC and financing models, making it influential in the economic and implementation aspects of the agenda.

- **United Nations** (Political Actors)
- **United Nations Officials** (Political Actors)
- **United Nations Entity for Gender Equality and the Empowerment of Women (UN Women)** (Political Actors)
- **United Nations Environment Programme (UNEP)** (Political Actors)
- **United Nations International Children's Emergency Fund (UNICEF)** (Political Actors)
- **United Nations Office of the Secretary-General's Envoy on Technology (UN OSET)** (Political Actors)
- **United Nations Office of the Secretary-General's Envoy on Youth (UN OSGEY)** (Political Actors)
- **World Health Organization (WHO)** (Political Actors)
- **World Intellectual Property Organization (WIPO)** (Political Actors)
- **United Nations Department of Economic and Social Affairs (UN DESA)** (Political Actors)
- **Boston Consulting Group (BCG)** (Research and Innovation Actors)
- **Food and Agriculture Organization (FAO)** (Research and Innovation Actors)
- **United Nations Capital Development Fund (UNCDF)** (Research and Innovation Actors)

- **United Nations Educational, Scientific and Cultural Organization (UNESCO)** (Research and Innovation Actors)
- **United Nations Industrial Development Organization (UNIDO)** (Research and Innovation Actors)
- **United Nations Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Island Developing States (UN-OHRLLS)** (Research and Innovation Actors)
- **Digital Cooperation Organization (DCO)** (Research and Innovation Actors)
- **United States Agency for International Development (USAID)** (Research and Innovation Actors)
- **Global Partnership for Sustainable Development Data** (Research and Innovation Actors)
- **GSMA** (Research and Innovation Actors)
- **International Chamber of Commerce (ICC)** (Research and Innovation Actors)
- **International Organisation of Employers (IOE)** (Research and Innovation Actors)
- **Microsoft** (Research and Innovation Actors)
- **Salesforce** (Research and Innovation Actors)
- **UN Global Compact** (Research and Innovation Actors)
- **International Bar Association** (Research and Innovation Actors)
- **LexisNexis** (Research and Innovation Actors)
- **World Bank Group** (Research and Innovation Actors)
- **Global Esports Federation** (Research and Innovation Actors)
- **Research Software Alliance** (Research and Innovation Actors)
- **Digital for Development Hub** (Research and Innovation Actors)
- **Digital Public Goods Alliance** (Research and Innovation Actors)
- **UNICEF U-Report platform** (Research and Innovation Actors)
- **AI for Good Global Summit** (Research and Innovation Actors)
- **fAIr LAC by the Inter-American Development Bank (IDB)** (Research and Innovation Actors)
- **Inter-American Development Bank** (Economic Actors)
- **Development Bank of Latin America and the Caribbean** (Economic Actors)
- **World Bank** (Economic Actors)
- **Private Sector Representatives** (Economic Actors)
- **Industry Actors** (Economic Actors)
- **Telecommunication Companies** (Economic Actors)
- **Digital Companies** (Economic Actors)
- **ICT Companies** (Economic Actors)
- **Amazon** (Economic Actors)
- **AT&T;** (Economic Actors)
- **Verizon** (Economic Actors)
- **Vodafone** (Economic Actors)
- **ZTE** (Economic Actors)
- **Safaricom** (Economic Actors)
- **PUMA** (Economic Actors)
- **IKEA Foundation** (Economic Actors)
- **Ingka Group** (Economic Actors)
- **Hilton** (Economic Actors)
- **Accor** (Economic Actors)
- **ISS** (Economic Actors)
- **Compass Group** (Economic Actors)
- **Smart Communications** (Economic Actors)

- **Digital Nasional Berhad** (Economic Actors)
- **EDOTCO Group Sdn Bhd** (Economic Actors)
- **ERICSSON** (Economic Actors)
- **Google** (Economic Actors)
- **Cisco** (Economic Actors)
- **Facebook (implied via Google Research)** (Economic Actors)
- **New Sun Road** (Economic Actors)
- **M-KOPA** (Economic Actors)
- **Mawingu** (Economic Actors)
- **Bluetown** (Economic Actors)
- **Anditel** (Economic Actors)
- **AirJaldi** (Economic Actors)
- **Olam** (Economic Actors)
- **Gavi** (Economic Actors)
- **Global Fund** (Economic Actors)
- **WFP** (Economic Actors)
- **Action Against Hunger** (Economic Actors)
- **MEDAIR** (Economic Actors)
- **German Federal Ministry for Economic Cooperation and Development** (Economic Actors)
- **Swiss Agency for Development and Cooperation** (Economic Actors)
- **International Labour Organization** (Economic Actors)
- **Enabel** (Economic Actors)
- **European Union** (Political Actors)
- **Norad** (Economic Actors)
- **USAID** (Economic Actors)
- **BMZ** (Economic Actors)
- **GIZ** (Economic Actors)
- **Adecco Group Innovation Foundation** (Economic Actors)
- **HIAS** (Economic Actors)
- **Education Development Center** (Economic Actors)
- **The Nature Conservancy** (Economic Actors)
- **NASA** (Economic Actors)
- **ADASA** (Economic Actors)
- **USGS** (Economic Actors)
- **WWF** (Economic Actors)
- **RES** (Economic Actors)
- **NOAA** (Economic Actors)
- **France Water Team** (Economic Actors)
- **Local banks** (Economic Actors)
- **FSDAi** (Economic Actors)
- **Arizona State University** (Economic Actors)
- **Winrock International** (Economic Actors)
- **Green Empowerment** (Economic Actors)
- **PACOS** (Economic Actors)
- **Mentari** (Economic Actors)
- **Innovate UK** (Economic Actors)
- **Smart Villages** (Economic Actors)
- **Clear Sky Power** (Economic Actors)

- **Mercy Corps** (Economic Actors)
- **Hivos** (Economic Actors)
- **AAIBE** (Economic Actors)
- **Tonibung** (Economic Actors)
- **Lancaster University** (Economic Actors)
- **Wisions** (Economic Actors)
- **IKEA UK & Ireland** (Economic Actors)
- **Instituto Nacional da Propriedade Industrial, Brazil** (Economic Actors)
- **Local NGOs** (Civil Society Actors)
- **Bezos Earth Fund** (Economic Actors)
- **International Energy Agency** (Economic Actors)
- **UNLOCK Accelerator** (Civil Society Actors)
- **Climate & Clean Air Coalition** (Economic Actors)
- **European Commission** (Political Actors)
- **Japan Intellectual Property Association** (Economic Actors)
- **PVBLIC** (Economic Actors)
- **SAP** (Economic Actors)
- **Novartis Foundation** (Economic Actors)
- **Non-governmental Institutions** (Civil Society Actors)
- **Civil Society Organisations** (Civil Society Actors)
- **European Digital Rights** (Civil Society Actors)
- **Digital Training and Education Providers** (Civil Society Actors)
- **Digital Transformation Consultants** (Civil Society Actors)
- **Digital Skills Development Platforms** (Civil Society Actors)
- **Digital Literacy Initiatives** (Civil Society Actors)
- **Technology Providers** (Civil Society Actors)
- **Missing Maps** (Civil Society Actors)
- **Kathmandu Living Labs** (Civil Society Actors)
- **OpenMap Development Tanzania** (Civil Society Actors)
- **Social Fund of the Democratic Republic of Congo** (Civil Society Actors)
- **Center for Effective Global Action** (Civil Society Actors)
- **Global Policy Lab** (Civil Society Actors)
- **Humanity United** (Civil Society Actors)
- **Local communities and NGOs** (Civil Society Actors)
- **Community nutrition volunteer** (Civil Society Actors)
- **Forest Patrol Officer** (Civil Society Actors)
- **Civil society (especially women's and youth groups)** (Civil Society Actors)

Beneficiary Groups

- **Farmers** (Farmers & Primary Producers)
- **Gender Equality Initiatives** (Women & Girls)
- **Migrants** (Migrants & Refugees)
- **Women in Tech** (Women & Girls)

Additional Beneficiary Groups

- woman
- migrant
- girl

- farmer
- family

Sustainable Development Goals (SDGs)

- SDG 1: No Poverty
- SDG 2: Zero Hunger
- SDG 3: Good Health and Well-being
- SDG 4: Quality Education
- SDG 5: Gender Equality
- SDG 6: Clean Water and Sanitation
- SDG 7: Affordable and Clean Energy
- SDG 8: Decent Work and Economic Growth
- SDG 9: Industry, Innovation and Infrastructure
- SDG 10: Reduced Inequalities
- SDG 11: Sustainable Cities and Communities
- SDG 12: Responsible Consumption and Production
- SDG 13: Climate Action
- SDG 14: Life Below Water
- SDG 15: Life on Land
- SDG 16: Peace, Justice and Strong Institutions
- SDG 17: Partnerships for the Goals

Commitments

Commitment 1

Connect every school and ultimately every community in the world to the Internet by 2030 (Giga initiative).

Details:

- Connect every school and ultimately every community in the world to the Internet by 2030 (Giga initiative). (Type: Declarative)

Commitment 2

India's Aadhaar digital ID program: over 90% of Indians enrolled as of 2023; estimated government savings of about USD 10 billion over 2.5 years.

Details:

- India's Aadhaar digital ID program: over 90% of Indians enrolled as of 2023; estimated government savings of about USD 10 billion over 2.5 years. (Type: Implemented)

Commitment 3

Argentina Conectada project: total investment of USD 13.2 billion; deployment of more than 38,800 km of fibre; expected to connect more than 22 million Argentines by the end of 2023.

Details:

- Argentina Conectada project: total investment of USD 13.2 billion; deployment of more than 38,800 km of fibre; expected to connect more than 22 million Argentines by the end of 2023. (Type: Financed)

Commitment 4

Rwanda's adult digital literacy approaching 35% in 2023, up from 8% in 2017.

Details:

- Rwanda's adult digital literacy approaching 35% in 2023, up from 8% in 2017. (Type: Implemented)

Commitment 5

Philippines telecommunication sector reform: approval process for towers shortened from 241 days to 16 days; free internet service to be provided in 3,390 geographically isolated and disadvantaged areas plus 8,404 other areas in 2023.

Details:

- Philippines telecommunication sector reform: approval process for towers shortened from 241 days to 16 days; free internet service to be provided in 3,390 geographically isolated and disadvantaged areas plus 8,404 other areas in 2023. (Type: Programmatic)

Commitment 6

Giga project has connected over 5,000 schools across more than 20 countries, improving educational outcomes for over 2 million children.

Details:

- Giga project has connected over 5,000 schools across more than 20 countries, improving educational outcomes for over 2 million children. (Type: Implemented)

Commitment 7

Partner2Connect alliance has mobilized US\$33 billion in pledges, narrowing the connectivity funding gap by 10%.

Details:

- Partner2Connect alliance has mobilized US\$33 billion in pledges, narrowing the connectivity funding gap by 10%. (Type: Financed)

Commitment 8

Digital Family Card platform implemented in Kazakhstan to provide equitable access to social services.

Details:

- Digital Family Card platform implemented in Kazakhstan to provide equitable access to social services. (Type: Implemented)

Commitment 9

Mobile Innovation Hub accelerator program implemented in Tunisia and Indonesia.

Details:

- Mobile Innovation Hub accelerator program implemented in Tunisia and Indonesia. (Type: Implemented)

Commitment 10

SkillLab AI-driven job matching implemented in Jordan, Iraq, Lebanon, Finland, Mexico, and US; potentially benefits 208 million unemployed people globally.

Details:

- SkillLab AI-driven job matching implemented in Jordan, Iraq, Lebanon, Finland, Mexico, and US; potentially benefits 208 million unemployed people globally. (Type: Implemented)

Commitment 11

Audiopedia audio education app implemented in 12 countries.

Details:

- Audiopedia audio education app implemented in 12 countries. (Type: Implemented)

Commitment 12

USAID/Microsoft Airband Initiative implemented in 5 countries to address gender digital divide.

Details:

- USAID/Microsoft Airband Initiative implemented in 5 countries to address gender digital divide. (Type: Implemented)

Commitment 13

DHIS2 health management system implemented in 12 countries.

Details:

- DHIS2 health management system implemented in 12 countries. (Type: Implemented)

Commitment 14

OpenMIS social protection software implemented in 12 countries.

Details:

- OpenMIS social protection software implemented in 12 countries. (Type: Implemented)

Commitment 15

Jiva platform for smallholder farmers implemented in Indonesia and India.

Details:

- Jiva platform for smallholder farmers implemented in Indonesia and India. (Type: Implemented)

Commitment 16

CODA nutrition program digital solution implemented in 6 countries.

Details:

- CODA nutrition program digital solution implemented in 6 countries. (Type: Implemented)

Commitment 17

Gybe water management solution implemented in 11 countries.

Details:

- Gybe water management solution implemented in 11 countries. (Type: Implemented)

Commitment 18

CityTaps smart water meters implemented in 10 countries.

Details:

- CityTaps smart water meters implemented in 10 countries. (Type: Implemented)

Commitment 19

Nithio energy financing solution implemented in 4 countries.

Details:

- Nithio energy financing solution implemented in 4 countries. (Type: Implemented)

Commitment 20

COMET mini-grid electricity demand software implemented in 7 countries.

Details:

- COMET mini-grid electricity demand software implemented in 7 countries. (Type: Implemented)

Commitment 21

Balady smart city platform implemented in Saudi Arabia.

Details:

- Balady smart city platform implemented in Saudi Arabia. (Type: Implemented)

Commitment 22

HOT Tasking Manager mapping tool used by 455,000 contributors across 162 countries.

Details:

- HOT Tasking Manager mapping tool used by 455,000 contributors across 162 countries. (Type: Implemented)

Commitment 23

CounterMEASURE plastic pollution solution implemented in 3 countries.

Details:

- CounterMEASURE plastic pollution solution implemented in 3 countries. (Type: Implemented)

Commitment 24

Connected Mangroves forest monitoring solution implemented in 3 countries.

Details:

- Connected Mangroves forest monitoring solution implemented in 3 countries. (Type: Implemented)

Commitment 25

Rainforest Connection acoustic monitoring implemented in 7 countries.

Details:

- Rainforest Connection acoustic monitoring implemented in 7 countries. (Type: Implemented)

Commitment 26

UN Biodiversity Lab engaged in 140+ countries.

Details:

- UN Biodiversity Lab engaged in 140+ countries. (Type: Implemented)

Commitment 27

WIPO GREEN technology exchange platform with 128,000 technologies from 140 countries.

Details:

- WIPO GREEN technology exchange platform with 128,000 technologies from 140 countries. (Type: Implemented)

Commitment 28

IMEO methane emissions observatory with measurement studies in 18 countries and training in 25 countries.

Details:

- IMEO methane emissions observatory with measurement studies in 18 countries and training in 25 countries. (Type: Implemented)

Commitment 29

Digital Public Goods Alliance registry includes over 140 digital initiatives.

Details:

- Digital Public Goods Alliance registry includes over 140 digital initiatives. (Type: Implemented)

Commitment 30

Less than half of data needed to track progress against SDG 5 (Gender Equality) is currently available.

Commitment 31

71% of countries have data protection and privacy legislation; 9% have drafted legislation.

Commitment 32

Bangladesh's a2i digital initiative has saved citizens more than USD 20 billion through efficient public service delivery.

Details:

- Bangladesh's a2i digital initiative has saved citizens more than USD 20 billion through efficient public service delivery. (Type: Implemented)

Commitment 33

Less than 20% of the population in Latin America and the Caribbean have intermediate or standard digital skills.

Commitment 34

In Latin America and the Caribbean, less than 40% of government procedures are available online.

Commitment 35

Argentina Conectada's fibre network reaches 1,129 locations across the country.

Details:

- Argentina Conectada's fibre network reaches 1,129 locations across the country. (Type: Implemented)

Commitment 36

Estonia's X-Road digital data exchange system enables 99% of public services online, saving citizens an average of 5 working days and government 2% of GDP annually.

Details:

- Estonia's X-Road digital data exchange system enables 99% of public services online, saving citizens an average of 5 working days and government 2% of GDP annually. (Type: Implemented)

Commitment 37

Singapore's Smart Nation initiative: 99% of government services are digital end-to-end as of 2023.

Details:

- Singapore's Smart Nation initiative: 99% of government services are digital end-to-end as of 2023. (Type: Implemented)

Commitment 38

2.6 billion people remain offline globally as of 2023.

Commitment 39

259 million more men than women use the Internet globally as of 2022.

Commitment 40

Women comprise only 3% of tertiary students for ICT studies globally.

Commitment 41

32 low- and middle-income countries have lost an estimated USD 1 trillion in GDP due to the gender digital divide.

Commitment 42

70% of the world was covered by 3G mobile data networks by 2016; only 29% of rural areas were covered.

Commitment 43

Internet users in urban areas globally (76%) nearly double that of rural areas (39%).

Commitment 44

Digital literacy in rural areas in the EU lags about 10% behind cities.

Commitment 45

5 billion people are now online globally.

Commitment 46

M-Pesa processes over 61 million transactions a day.

Commitment 47

40% of adults in low- and middle-income countries opened a bank account for the first time during the COVID-19 pandemic.

Commitment 48

Philippines water, sanitation, and hygiene initiatives in schools reduced underweight children by 20% and absenteeism by 30% in one year.

Commitment 49

India's women-led climate resilient farming model increased yields by 25% for 40,000 female farmers.

Commitment 50

Digital Family Card in Kazakhstan helps vulnerable families receive assistance more readily.

Commitment 51

Digital solutions directly contribute to around 70% of the 169 SDG targets.

Commitment 52

Digital leaders (countries with stronger digital infrastructure and affordability) achieved over 40% more progress on SDGs compared to peers in the same income group between 2010-2020.

Commitment 53

The global average SDG score was 67.4 out of 100 in 2022, largely unchanged since 2020.

Commitment 54

The SDG score improved by only 3.9 points globally from 2010 to 2020.

Commitment 55

The Broadband Commission's 2021 report calls for expanding contributors for universal service and access funds to finance last-mile infrastructure and digital inclusion initiatives.

Details:

- The Broadband Commission's 2021 report calls for expanding contributors for universal service and access funds to finance last-mile infrastructure and digital inclusion initiatives. (Type: Programmatic)

Commitment 56

The Giga project is developing a significant investment fund to catalyze last-mile public infrastructure in underprivileged areas worldwide.

Details:

- The Giga project is developing a significant investment fund to catalyze last-mile public infrastructure in underprivileged areas worldwide. (Type: Financed)

Commitment 57

The Digital Public Goods Alliance identified and drove implementation of over 140 digital public goods.

Details:

- The Digital Public Goods Alliance identified and drove implementation of over 140 digital public goods. (Type: Implemented)

Commitment 58

The ITU AI for Good Global Summit has been held annually since 2017 with 40 UN agencies and the Government of Switzerland.

Details:

- The ITU AI for Good Global Summit has been held annually since 2017 with 40 UN agencies and the Government of Switzerland. (Type: Programmatic)

Commitment 59

The Digital Public Goods Alliance registry includes over 140 digital initiatives.

Commitment 60

The Digital Public Goods Alliance and UN Office for South-South Cooperation are replicating Bangladesh's a2i digital public service innovations in Fiji and other countries.

Details:

- The Digital Public Goods Alliance and UN Office for South-South Cooperation are replicating Bangladesh's a2i digital public service innovations in Fiji and other countries. (Type: Programmatic)

Key Performance Indicators (KPIs)

KPI: Adult Digital Literacy Rate

| | |
|----------------------------|--|
| Description: | Increase adult digital literacy in Rwanda from 8 per cent in 2017 to approximately 35 per cent by 2023 |
| Type: | quantitative |
| Target Value: | 35.0 |
| Target Description: | Proportion of adults able to access online services independently |
| Unit: | percentage |
| Timeframe: | by 2023 |
| Measurement Method: | National digital literacy surveys and assessments |
| Responsible Entity: | Government of Rwanda |
| Sector: | Digital Skills and Capacity Building |

KPI: Annual SDG Funding Gap

| | |
|----------------------------|--|
| Description: | Mobilize at least USD 3.7 to 4.2 trillion annually to fill the SDG funding gap by 2030 |
| Type: | quantitative |
| Target Value: | 4.2 |
| Target Description: | Close the annual funding gap required to achieve the SDGs |
| Unit: | trillion USD |
| Timeframe: | by 2030 |
| Measurement Method: | Tracking annual funding mobilization against SDG financing needs |
| Responsible Entity: | National governments, multilateral development banks, private sector, donors |
| Sector: | Sustainable Development Financing |

KPI: Cybersecurity Capacity and Governance Strengthening

| | |
|---------------------|--|
| Description: | Strengthen cybersecurity capacity and governance to protect digital infrastructure and users |
|---------------------|--|

| | |
|----------------------------|--|
| Type: | qualitative |
| Target Description: | Enhance national cybersecurity frameworks, incident response teams, and public awareness to mitigate cyber risks |
| Unit: | qualitative milestone |
| Measurement Method: | Cybersecurity Index scores, existence of national CERTs/CIRTs, cybersecurity policies and enforcement |
| Responsible Entity: | National governments, ITU, private sector |
| Sector: | Cybersecurity |

KPI: Digital Public Infrastructure Development

| | |
|----------------------------|---|
| Description: | Build interoperable Digital Public Infrastructure (DPI) including digital IDs, payments, data sharing, and consent mechanisms |
| Type: | qualitative |
| Target Description: | Develop and implement interoperable DPI components to enable public and private service delivery at scale |
| Unit: | qualitative milestone |
| Measurement Method: | Assessment of DPI components deployed and their interoperability and usage |
| Responsible Entity: | National governments, ICT ministries |
| Sector: | Digital Infrastructure |

KPI: Gender Smartphone Ownership Gap

| | |
|----------------------------|--|
| Description: | Reduce the gender digital divide where women are 17 per cent less likely to own a smartphone compared to men in low- and middle-income countries |
| Type: | quantitative |
| Target Value: | 0.0 |
| Target Description: | Eliminate the smartphone ownership gap between women and men |
| Unit: | percentage point difference |
| Timeframe: | by 2030 |

| | |
|----------------------------|---|
| Measurement Method: | Surveys and data collection on smartphone ownership by gender |
| Responsible Entity: | National governments, private sector, civil society |
| Sector: | Digital Inclusion / Gender Equality |

KPI: Multistakeholder Collaboration for Digital Transformation

| | |
|----------------------------|---|
| Description: | Foster multistakeholder collaboration among governments, private sector, civil society, and international partners for inclusive digital transformation |
| Type: | qualitative |
| Target Description: | Establish and maintain partnerships and collaborative platforms to align efforts and resources for digital transformation |
| Unit: | qualitative milestone |
| Measurement Method: | Number and effectiveness of multistakeholder initiatives, partnerships, and alliances |
| Responsible Entity: | National governments, UN agencies, private sector, civil society |
| Sector: | Governance and Partnerships |

KPI: National Digital Transformation Vision Establishment

| | |
|----------------------------|---|
| Description: | Establish a strong, ambitious, and credible national digital transformation vision aligned with development goals |
| Type: | qualitative |
| Target Description: | Develop and adopt a comprehensive digital vision grounded in population needs and aligned with SDGs |
| Unit: | qualitative milestone |
| Measurement Method: | Existence and implementation of national digital strategy documents and frameworks |
| Responsible Entity: | National governments |
| Sector: | Digital Governance and Strategy |

KPI: SDG Targets Benefiting from Digital Technologies

| | |
|----------------------------|--|
| Description: | Ensure 70 per cent of SDG targets directly benefit from digital technologies by 2030 |
| Type: | quantitative |
| Target Value: | 70.0 |
| Target Description: | Proportion of SDG targets accelerated or supported by digital technologies |
| Unit: | percentage |
| Timeframe: | by 2030 |
| Measurement Method: | Analysis of SDG targets and digital technology impact mapping |
| Responsible Entity: | UN agencies, national governments, digital development partners |
| Sector: | Sustainable Development / Digital Transformation |

KPI: Scaling of Proven Digital Solutions

| | |
|----------------------------|---|
| Description: | Scale proven digital solutions such as Digital Public Goods (DPGs) that demonstrate measurable impact and replicability |
| Type: | qualitative |
| Target Description: | Adopt and scale digital solutions with demonstrated impact and sustainability across countries |
| Unit: | qualitative milestone |
| Measurement Method: | Number of countries adopting and scaling proven digital solutions; impact evaluations |
| Responsible Entity: | National governments, UN agencies, private sector, civil society |
| Sector: | Digital Solutions and Services |

KPI: School Connectivity

| | |
|----------------------|--|
| Description: | Connect every school – and ultimately every community – in the world to the Internet by 2030 |
| Type: | quantitative |
| Target Value: | 100.0 |

| | |
|----------------------------|---|
| Target Description: | Achieve universal Internet connectivity for schools and communities worldwide |
| Unit: | percentage of schools connected |
| Timeframe: | by 2030 |
| Measurement Method: | Percentage of schools with Internet access reported by national education and ICT authorities |
| Responsible Entity: | ITU, UNICEF, national governments |
| Sector: | Education and ICT Infrastructure |

Practical Applications

Application 1:

ITU and UNDP have launched the Sustainable Development Goal (SDG) Digital Acceleration Agenda to drive universal and meaningful connectivity and digital transformation aligned with the SDGs.

Application 2:

Implementation of 34 proven digital solutions across all 17 SDGs, including:

Application 3:

M-Pesa (mobile money service) for financial inclusion in Kenya, Egypt, Ghana, Lesotho, Mozambique, and Tanzania.

Application 4:

GiveDirectly (mobile cash transfer) in Uganda, Togo, DRC, Liberia, Malawi, Mozambique, Nigeria, Rwanda, Bangladesh.

Application 5:

DHIS2 (health-care management system) in Haiti, Honduras, Uganda, Sri Lanka, The Gambia.

Application 6:

OpenIMIS (open-source social protection management software) in Bangladesh, Cameroon, Chad, DRC, Gambia, Mauritania, Mozambique, Niger, Nigeria, Nepal, Tanzania, Zambia.

Application 7:

Atingi (online learning platform) in Zimbabwe, Egypt, Mexico, Costa Rica, Sudan, Poland.

Application 8:

UNICEF Learning Passport (mobile online/offline learning platform) in 34 countries.

Application 9:

Audiopedia (audio education app for women with low literacy) in multiple countries including Pakistan, India, Nigeria, Uganda.

Application 10:

USAID/Microsoft Airband Initiative (addressing gender digital divide) in Guatemala, Ghana, India, Colombia, Kenya.

Application 11:

Gybe (water system monitoring via satellite and sensors) in multiple countries including Viet Nam, Kenya, US, Brazil.

Application 12:

CityTaps (smart prepaid water meters) in Niger, Burkina Faso, Senegal, Kenya, Namibia, Ecuador, Singapore.

Application 13:

Nithio (AI-enabled financing for off-grid solar) in Nigeria, Uganda, Kenya, Rwanda.

Application 14:

COMET (electricity demand assessment for mini-grids) in Malaysia, Indonesia, Myanmar, Somaliland, India, Nepal, Fiji.

Application 15:

Giga (school connectivity initiative by ITU and UNICEF) connecting over 5,000 schools in 20+ countries.

Application 16:

Smart Facilities for Health (digitally-enabled health infrastructure) in Guinea-Bissau, India, Indonesia, Sao Tome and Principe, South Sudan, Uganda.

Application 17:

Mobile Innovation Hub (accelerator for local digital innovation ecosystems) in Tunisia, Indonesia.

Application 18:

SkillLab (AI-driven skills mapping and job matching) in Jordan, Iraq, Lebanon, Finland, Mexico, US.

Application 19:

Balady (national smart city platform) in Saudi Arabia.

Application 20:

HOT Tasking Manager (volunteer mapping tool) active globally.

Application 21:

OpenSC (supply-chain transparency platform) in DRC, Guatemala, Colombia, India, Australia.

Application 22:

Winnow Vision (AI food waste management) in UK, US, UAE, Japan, Germany, Mexico, Ireland, Norway, Netherlands.

Application 23:

WIPO GREEN (online platform for green technology exchange) active in multiple countries.

Application 24:

IMEO (International Methane Emissions Observatory) providing methane emissions data globally.

Application 25:

CounterMEASURE (plastic pollution reduction in rivers) in Thailand, Sri Lanka, India.

Application 26:

Connected Mangroves (mangrove forest monitoring) in Malaysia, India, Philippines.

Application 27:

Rainforest Connection (AI acoustic monitoring to halt illegal logging) in Peru, Brazil, Tanzania, Indonesia, Poland, Costa Rica, Ecuador.

Application 28:

UN Biodiversity Lab (mapping and analytics for biodiversity) in 140+ countries.

Application 29:

Digital Family Card (government e-services platform) in Kazakhstan.

Application 30:

MigApp (migration services app) used globally.

Application 31:

Partner2Connect (multistakeholder alliance to foster connectivity) active in Dominican Republic, Madagascar.

Application 32:

Data4SDGs (global data partnership network) active in 40+ countries.

Application 33:

Mizan II (case management system for judiciary) in Palestine.

Application 34:

eyeWitness to Atrocities app (evidence collection for justice) in Nigeria, Gambia, Senegal, Palestine, DRC, Ukraine.

Application 35:

National digital transformation examples:

Application 36:

Singapore's Smart Nation initiative with 99% government services digitalized and strong leadership.

Application 37:

Rwanda's digital literacy increase from 8% to 35% adult digital literacy through coordinated policies and #ConnectRwanda initiative.

Application 38:

Bangladesh's a2i program embedding SDGs into digital public services, saving citizens over USD 20 billion.

Application 39:

Argentina Conectada's Refefo fibre-optic network connecting 1,129 locations, improving internet quality and affordability.

Application 40:

China's rural digital access expansion through broadband plans and subsidies, increasing rural internet penetration to 62%.

Application 41:

Philippines telecom tower sector reform reducing permit approval from 241 to 16 days, expanding free internet to thousands of isolated areas.

Application 42:

India's Aadhaar biometric digital ID program covering over 90% of population, saving government USD 10 billion.

Application 43:

Estonia's X-Road open-source data exchange platform enabling 99% of public services online, saving government 2% GDP.

Application 44:

Digital Public Infrastructure (DPI) development including digital IDs, payments, data sharing, digital signatures, and open APIs to enable scalable, interoperable digital ecosystems.

Application 45:

Multistakeholder collaborations such as the Digital Public Goods Alliance, Partner2Connect, and Data4SDGs to foster partnerships, resource mobilization, and data sharing.

Application 46:

Financing mechanisms including blended finance, public-private partnerships, digital connectivity infrastructure funds, and credit-enhancement facilities to mobilize investments for digital transformation.

Application 47:

Capacity building initiatives for digital skills, digital literacy, and AI-enabled job matching (e.g., SkillLab).

Application 48:

Cybersecurity capacity building through National Computer Incident Response Teams (CIRT) and international standards.

Application 49:

Inclusive digital transformation approaches prioritizing marginalized groups, gender equality, and human rights protections.

Application 50:

Annual AI for Good Global Summit hosted by ITU and partners to scale AI solutions for SDGs and address governance and ethical challenges.

Application 51:

Youth engagement platforms like UNICEF U-Report active in 60+ countries to amplify youth voices in digital and SDG agendas.