



## **3rd Round of TDAG Web Dialogues**

**12-21 May 2020, Online**

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**Web Dialogues on Results Based Management - Creating a "Fit4Purpose" BDT: Case for Change**

**Date: 12 May 2020**

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12 May 2020, Online

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### Third round of Web Dialogues, 12-21 May 2020

As part of the preparations for TDAG and in order for membership to have enough time to be briefed and discuss all the important topics, a third round of Web Dialogues is being organized for the month of May, as follows:

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Tuesday, 12 May  
1300h-1600h, CET

Web Dialogue on Results Based  
Management - Creating a "Fit4Purpose"  
BDT: The Case for Change

Thursday, 14 May  
1300h-1600h, CET

Web Dialogue on Results Based  
Management - Creating a "Fit4Purpose"  
BDT: Scaling for Impact

Thursday, 21 May  
1300h-1600h, CET

Web dialogue on Partnerships for Digital  
Transformation: Engaging Stakeholders  
for Meaningful Impact

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12 May 2020, Online

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**Moderator:** Alex Wong, Senior Strategy Advisor, BDT

### 1300-1315 **Welcoming Remarks**

- Doreen Bogdan-Martin, BDT Director
- Ms Roxanne McElvane Webber, Chair, TDAG

### 1315-1350 **RBM Case for Change**

### 1350-1430 **Thematic Priority Example - Environment**

### 1430-1550 **Overviews of Thematic Priorities**

### 1550-1600 **Wrap Up**





Our BDT mission is to advance digital transformation through meaningful connectivity.

- BDT's strategy is based on collaboration, cooperation, and sharing with win-win arrangements that benefit government, industry, and users.
- To ensure the effective implementation of the Buenos Aires Action Plan, we have been on a journey to create a "Fit4Purpose" BDT that responds to the needs of our Members with impact and results.







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Our baseline analysis to create a "Fit4Purpose" BDT conducted over the course of the first half 2019 demonstrated that:

- Our work programs have become fragmented, delivered by silos, split into islands of projects, regional initiatives, budget-funded OP actions, ITU-D Study Group Questions, and ad-hoc initiatives in response to country demands, making it difficult to:
  - engage partners on a systematic basis;
  - track impact, and scale-up our initiatives;
  - communicate our achievements;
  - leverage synergy opportunities with ITU-T and ITU-R.
- Our Regional Initiatives, especially those with similar thematic areas mandated across multiple regions, were not benefiting from the potential scaling and resource mobilization opportunities.
- Our role as the UN special agency for ICTs, and in particular BDT's objective to be the "partner for digital transformation through meaningful connectivity", was not being sufficiently recognized by other key international organizations and other Member States.

*Implementing Results Based Management across BDT ensures a robust, coherent and harmonized approach in a rapidly changing development landscape.*





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To facilitate coordination and synergy across key programmes, projects, and initiatives, RBM is being applied to BDT's "cluster-based approach" on 10 thematic priorities (1/2):

BDT Thematic Priority	WTDC Programmes	Regional Initiatives	Study Group Questions
Capacity Development	Capacity building and human skills development	AFR1; 2; 4 - AMS2 - ARB1; 2; 4; 5 - ASP1; 2; 3;4 - CIS1; 2; 3; 4; 5 - EUR1; 2; 3; 5.	Cuts Across all Questions
Cybersecurity	Cybersecurity	AFR3 - ARB3 - ASP5 - CIS3 - EUR4	Q3/2
Digital Inclusion	Digital inclusion for empowering women & girls, People with disabilities and other people with specific needs	AFR1; 2; 3 - AMR4; 5 - ARB5 - ASP2;3 - CIS 2; - EUR 3	Q7/1
Digital Innovation Ecosystems	Innovation	AFR1 - AMS5 - ARB5 - ASP4 - CIS3; 5 - EUR 5	Q1/2
Digital Services & Applications	Telecommunication/ICT services and applications	AFR1; 2;3 - AMS4 - ARB3;4 - ASP2; - CIS1;2 - EUR2; 5	Q1/2; Q2/2

*LDCs, SIDS, and LLDCs are integrated into each of the above thematic priority program*





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To facilitate coordination and synergy across key programmes, projects, and initiatives, RBM is being applied to BDT's "cluster-based approach" on 10 thematic priorities (2/2):

BDT Thematic Priority	WTDC Programmes	Regional Initiatives	Study Group Questions
Emergency Telecommunications	Disaster risk reduction and management and emergency telecommunications	AMS1 - ARB1 - ASP5	Q5/2
Environment	Climate change adaptation and mitigation	AMS1 - AMS5 - ARB1 - ASP5 - CIS5	Q6/2
Networks & Digital Infrastructure	Telecommunication/ICT network infrastructure and services	AFR2 - AFR5 - AMS2 - AMS3 - ASP3 - CIS3 - CIS5 - EUR1	Q7/2; Q1/1; Q2/1; Q5/1
Policy & Regulation	Policy and regulatory environment	AFR3 - AMS3;5 - ARB3 - ASP4 - CIS3 - EUR1	Q1/1; Q3/1; Q4/1; Q6/1
Statistics	ICT data and statistics	Cuts Across all RIs	Cuts across all Questions

*LDCs, SIDS, and LLDCs are integrated into each of the above thematic priority program*





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### Our TDAG RBM Web Dialogue aims to achieve the following objectives:

- To provide a background on the basics of RBM theory and the BDT RBM "case for change"
- To provide an update on each of the ten BDT thematic priorities
- To provide an update on RBM implementation and next steps to scale up
- To hear your feedback, and in particular, how the thematic priorities should be adjusted to best serve members in light of the COVID-19 crisis





### Participants Poll:

What are your top 3 expectations for the RBM web dialogue?

- ☐ To understand why BDT needs RBM
- ☐ To understand how BDT performance is measured
- ☐ To understand the alignment of RBM implementation to WTDC programmes and Projects; Regional Initiatives; Study Group Questions; and Ad-hoc assistance to Member States
- ☐ To increase my knowledge of the BDT thematic priorities
- ☐ To understand how the BDT budget is distributed and used
- ☐ To know what BDT 'fit4purpose' is all about and its impact in the long term
- ☐ To understand how members and BDT can work together to achieve impact
- ☐ To understand how COVID -19 is impacting the work of BDT





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1315-1350 **RBM Case for Change**

1350-1430 **Thematic Priority Example - Environment**

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1550-1600 **Wrap Up**





# 1315-1350: Case for Change

Presented By:

- Achim von Heynitz, Senior Adviser, BDT



# ICT for Development (ICT4D): its dual promise...

Giving *the other half of mankind* (3.6 billion people) *meaningful connectivity* for accessing the benefits of the digital era & socio-economic development...

“Meaningful connectivity” translating into affordable, reliable, accessible, fast and safe connections...,

... which are: inclusive, people-centric & embracing diversity...<sup>1)</sup>

...requiring a wide array of partners and large investments, including from private sector, IFIs, member countries & UN-family members & NGOs...

*Unshackling ICT from islands* of isolated fringes of the vanguard sectors...

...betting on ICT cross-cutting, impactful value propositions, such as whole-of-government-, broad platform- & cross-sector approaches applicable to *all* sectors & services...

... while building on the promise of RBM: working through impact pathways in a matrix, instead of working in silos...

Cross-cutting ICT programs carry the prospect to curtail growing inequality of income, wealth, and opportunity ex ante, rather than re-distribute ex post.

...





# The Case for Change -1-

## Re-constructing a powerful & credible narrative

Moving from the  
“what”<sup>1)</sup>... -- >

... to the “why” *[the inspiration]*  
-- > “how” -- > what”...

Our narrative is suffering if we can't explain  
“how” & “why” our initiative or intervention  
works and will lead to change’...<sup>2)</sup>

... learning from implementation is central for  
understanding the causality and effectiveness  
of an initiative to achieve impact...



[Source: 2018-19 ITU Annual Progress Report]

### Progress achieved

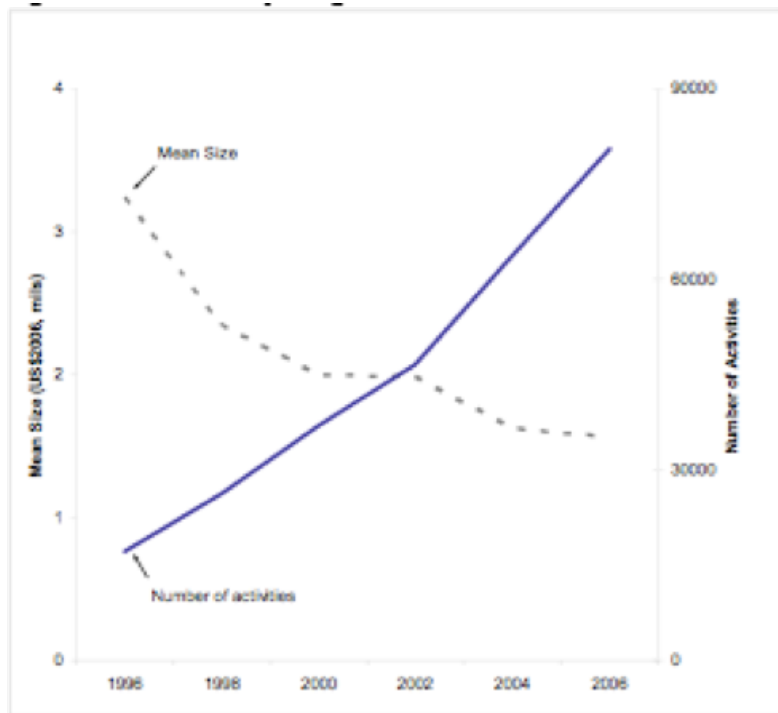


# The Case for Change -2- Moving beyond the “activity trap”

The “activity trap”<sup>1)</sup>... -- >

In the decade 1996-2006, the *number of new aid activities* registered with DAC almost quintupled, from 17.000 to 81.000,  
Accordingly, the *mean size* of each activity was cut in half, from \$3.2 to \$1.6 million

Adding many small activities did not translate into scaling up of what works...  
This resulted in the “**Paris Declaration**” (2005) calling for better coordination, alignment of development aid, & **RBM** as the unifying paradigm.



... to “theories of change” with their  
“**impact pathways**”<sup>2)</sup>...

...for each of BDT’s thematic priorities...

... defining the “menu” of BDT’s value propositions

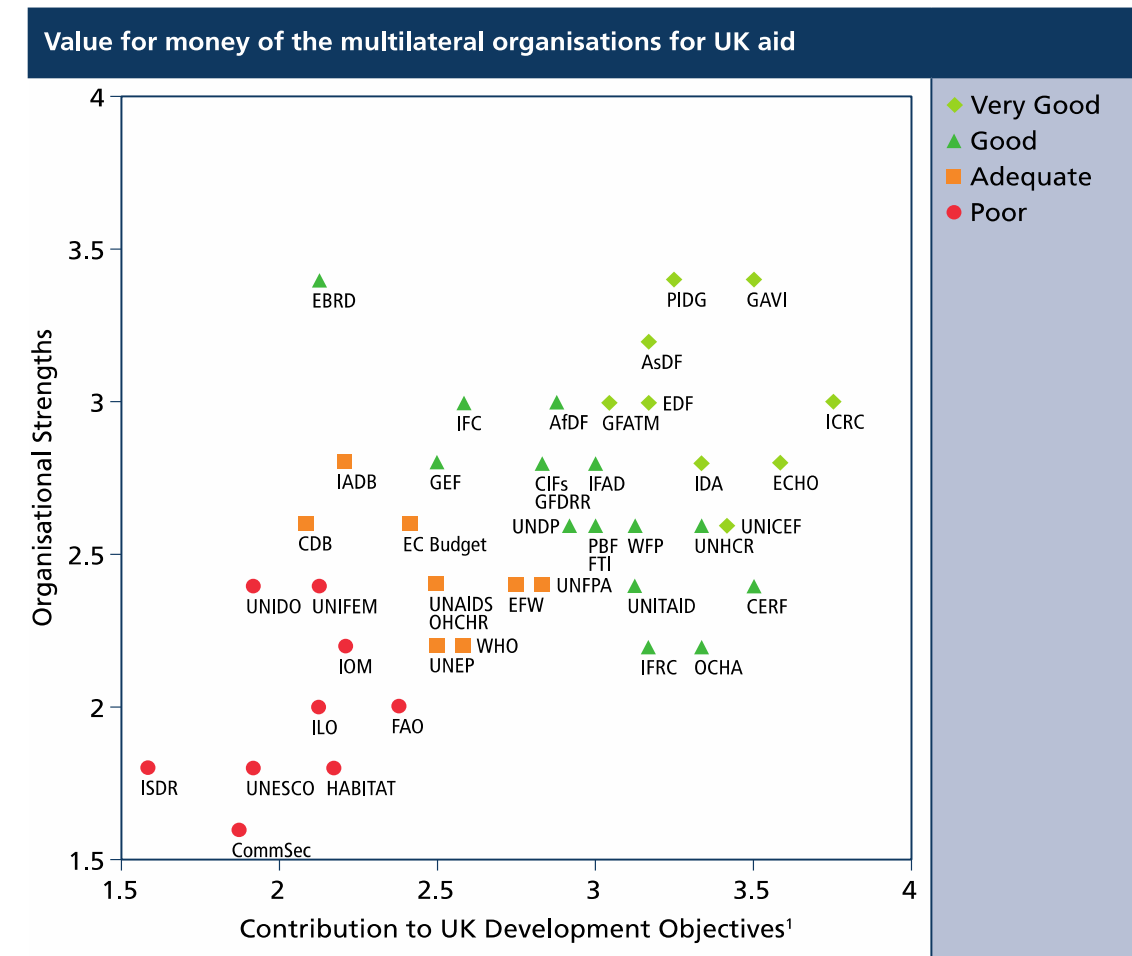
Thematic Priority	Impact Statements As of May 2020
Networks and Digital Infrastructure	Reliable Connectivity to Everyone
Cybersecurity	A trusted Cyberspace for All
Emergency Telecommunications	Disaster –resilient ICT infrastructure for reduced loss of lives and Damages
Policy and Regulation	Collaborative Policy and regulation Frameworks for Digital Market Development and use well-being
Statistics	Evidence-based Policies adopted for digitally inclusive societies
Capacity Development	Developing Skills for the Digital Economy
Digital Services and Applications	Digitally Enabled Society and Economic Sectors for SDGs
Environment	Creating a Circular Economy for ICT Equipment
Digital Inclusion	Inclusive, Equal Access and use of ICTs for All
Digital Innovation Ecosystems	Accelerating Digital Innovation ecosystems for Digital Transformation

# The Case for Change -3-

## Getting on the map in the development space

UK MAR of IOs”<sup>1)</sup>... -- >

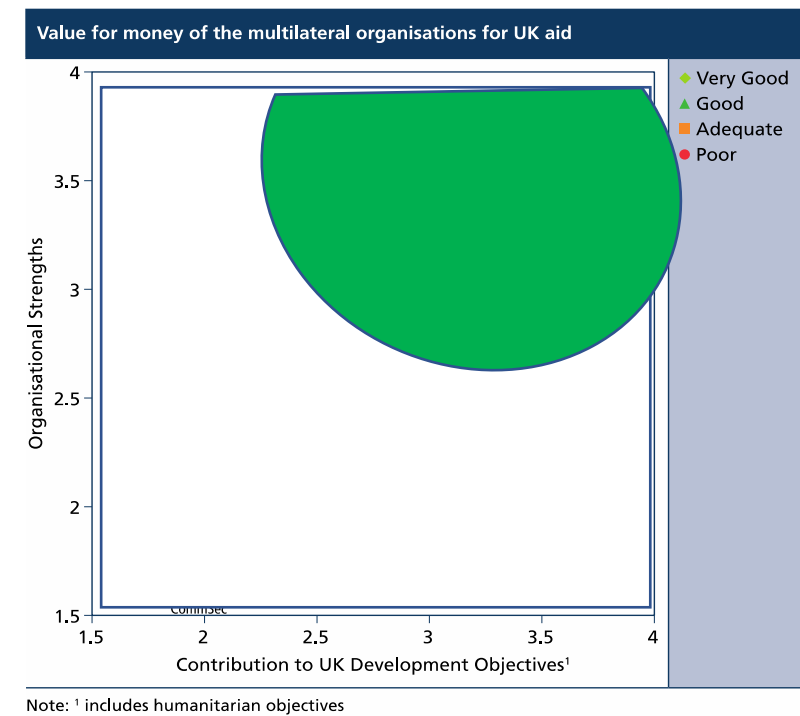
2011 [2013, 2015]: 43 IOs assessed  
Followed later by VfM assessments et al.



BDT is not registering in this map

... to deliver on its challenging mandate...  
... and due to its small size...

-- > BDT must aim to register in the **green** space as a highly efficient and effective organization



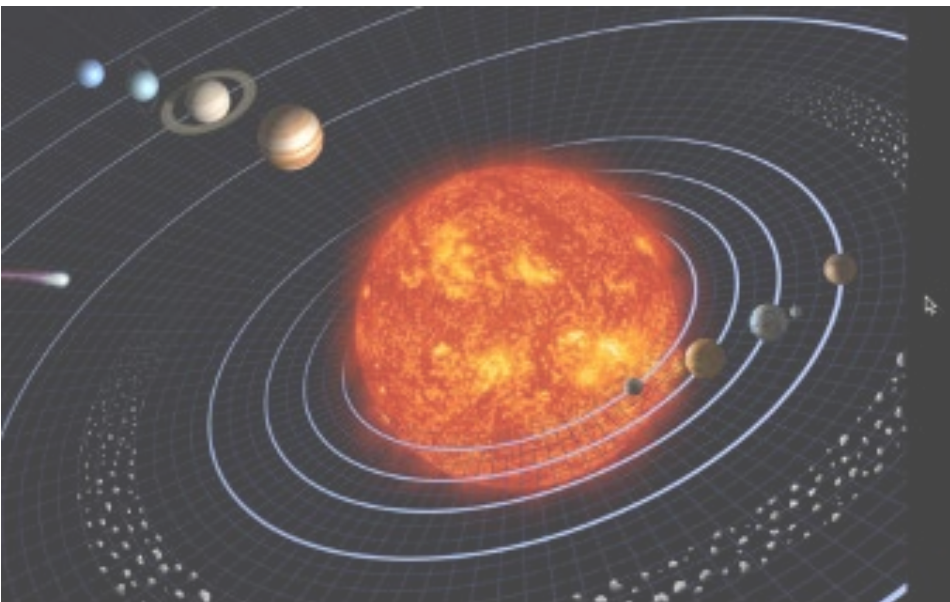
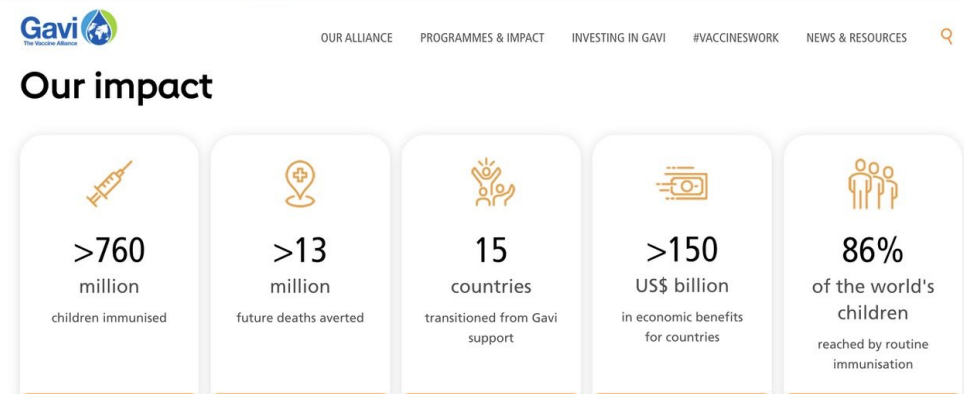
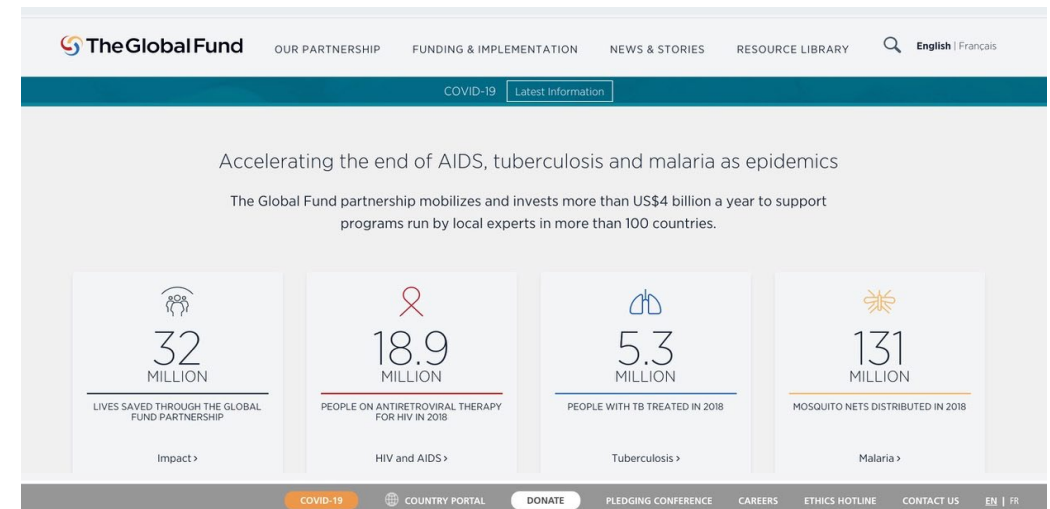
# The Case for Change -4-

## Transforming G-1 BDT heritage into -- > G-2 organization

G-1 IOs are facing growing pressures to demonstrate their *relevance* in the face of strongly performing G-2 organizations and proliferating NGOs

To retain its relevance, BDT has to transform itself into an agile, client-focused G-2 results organization

Example: WHO is now surrounded by a growing number of “satellite organizations”, such as GF, GAVI, IHP+ Global Compact, UNITAID, UNAIDS, IARC, P4H, 473 NGO partners & 189 official partnership relations, IHP+ set up to coordinate 56 partnerships



# RBM Basics -1-: Transition to a new Service Paradigm: The example of the NPM (1990s++)

## **Bureaucratic Paradigm**

- Statute Based/Rule Directed
- Hierarchical
- Centralized control
- Mechanistic
- Focus on what's best for the organization
- Performance measured by the institution
- Accountability for conformance to rules
- Sector-based institutions
- “Do things right”



## **Service Paradigm**

- Mission/ Goal Directed
- Team-work
- Decentralized/ empowerment
- Systems/holistic
- Focus on the client / recipient
- Performance measured by end users
- Accountability for outcomes
- Multi-sector programming
- “Do the right things - right”

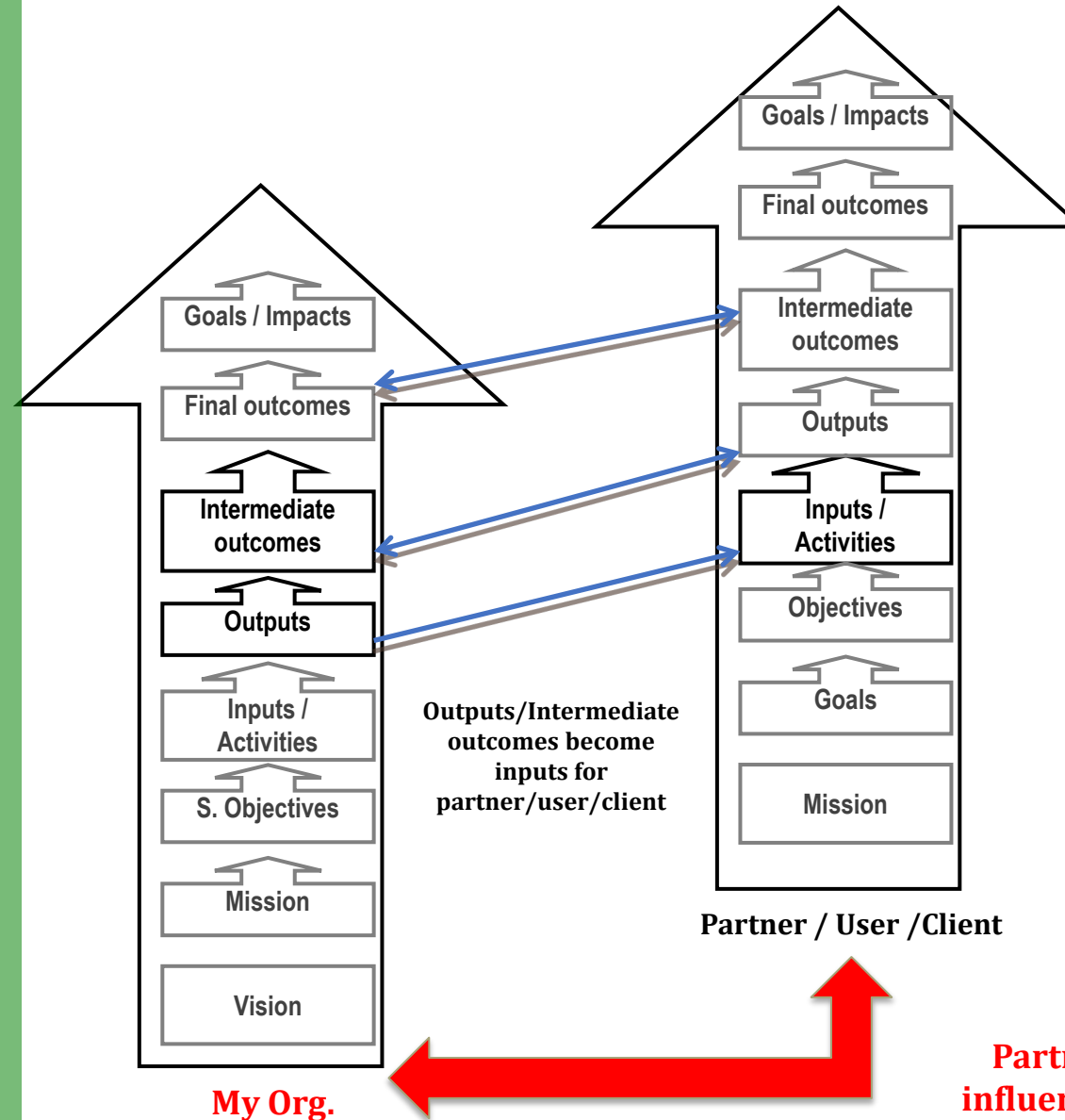
# WHAT ARE RESULTS?

## Ladder of influence

MY RULE OF THUMB:

“RESULTS  
MATERIALIZE WHERE  
...

... OTHERS ARE  
MAKING USE OF MY  
[ORGANIZATION'S]  
OUTPUTS TO CHANGE

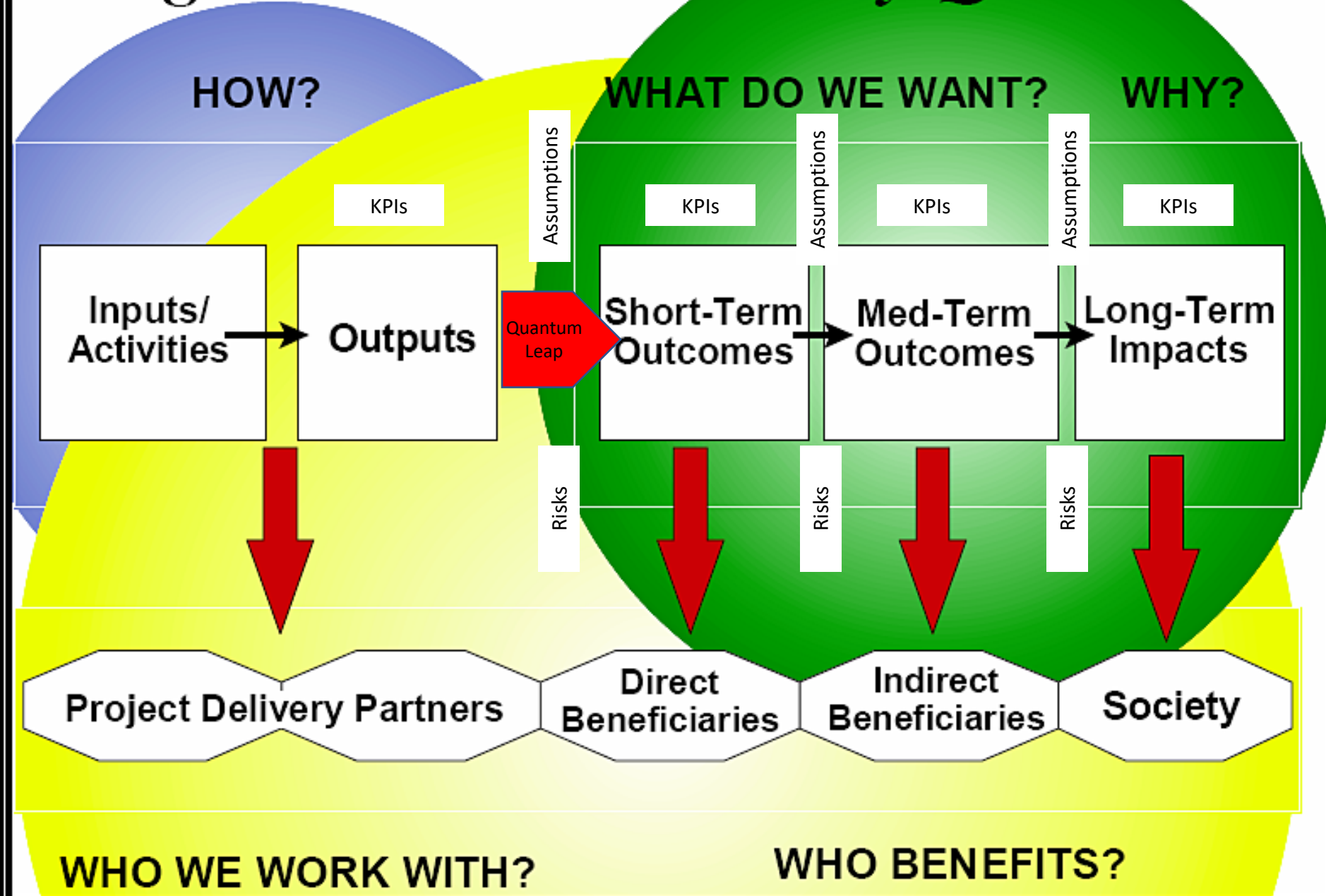


Ladder of influence and KPIs are linking interventions by:

- providing proof of contribution “one level up” and...
- providing guidance “one level down”.



*Figure 3. Answer the Key Questions*





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# 1350-1430: Environment

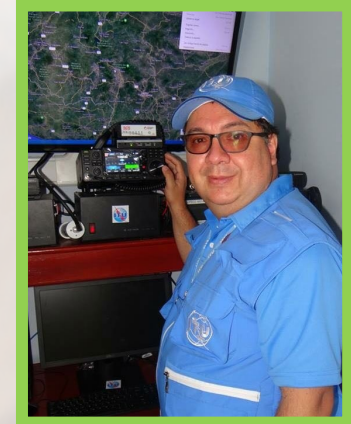
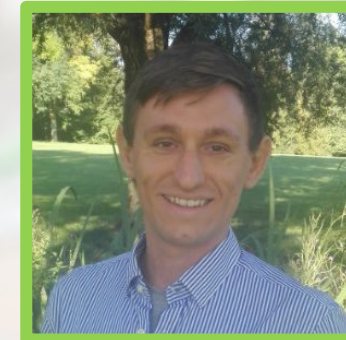
### Thematic Priority Facilitators:

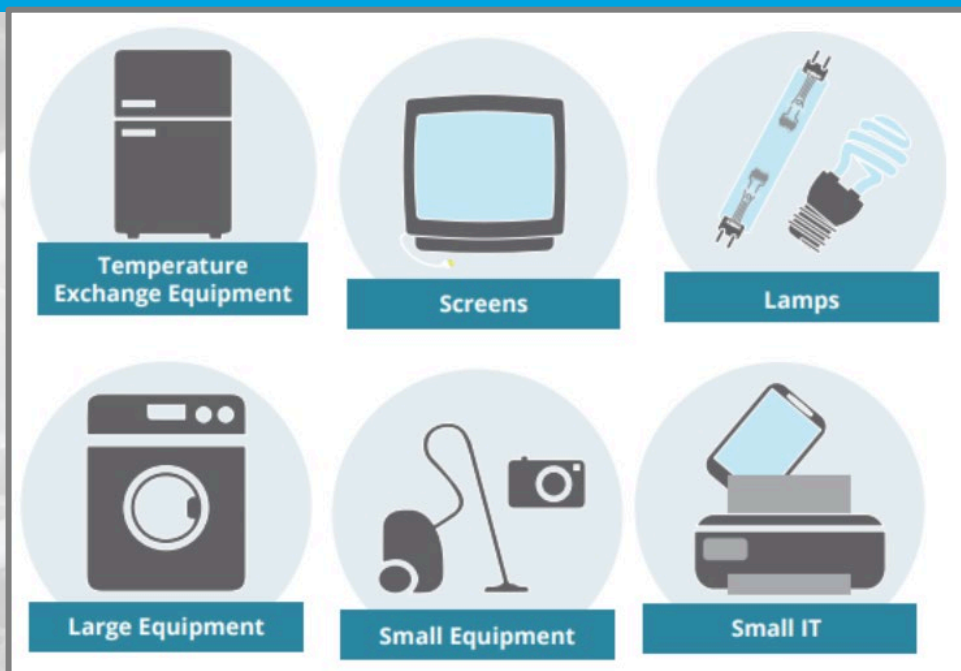
- Mijke Hertoghs, Head of Environment and Emergency Telecommunication Division
- Garam Bel, E-Waste Officer



# Environment

*Creating a circular economy for ICT equipment*





**Waste Electrical and Electronic Equipment (WEEE) – “e-waste”.**

**Household or business item with circuitry, with a power or battery supply.**

One of the fastest growing and most complex waste streams that severely impacts the environment and human health and is often traded illegally

Lack of awareness and of sustainable disposal practices as well as WEEE management systems and infrastructure

Low collection, reuse, refurbishing and recycling rates

Informal management of WEEE and related health, labour & environmental challenges

Loss of valuable resources - better WEEE management can generate sustainable enterprises and green jobs

# What is WEEE?



- Discarded mobiles, laptops, personal computers, televisions contain harmful substances to the environment and human health.
- 82.6% of WEEE is not properly documented or recycled, meaning its value is lost and its management is likely to be rudimentary.
  - 39% of all countries (76/193) covered by WEEE policy/legislation/regulation.
- Mobile cellular telephone subscriptions number greater than global population.
  - 21% of all countries (41/193) officially collect WEEE data and estimations.

## Key Challenges







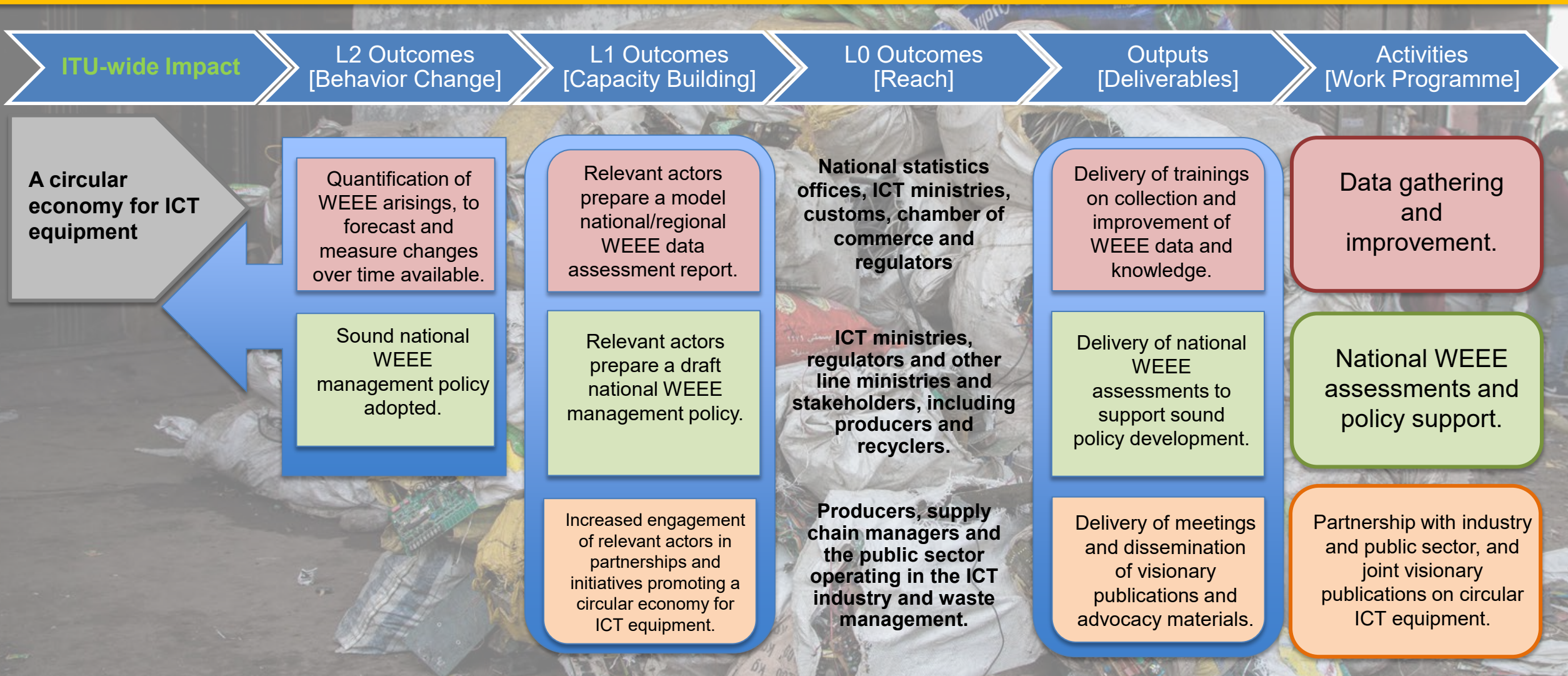
# The Solutions

## *Creating a circular economy for ICT equipment*

### Three Impact Pathways:

1. **WEEE DATA & KNOWLEDGE** to improve expertise in the collection of WEEE data
2. **WEEE POLICY SUPPORT** to increase coverage of national WEEE policy
3. **ADVOCACY & MEDIA** to enhance business circularity of the ICT industry





# Impact Pathways

### SDG 12:

**To ensure sustainable consumption and production patterns:** SDG indicator 12.4.2: Treatment of waste, generation of hazardous waste management, by type of treatment. SDG indicator 12.5.1: National recycling rate, tons of material recycled.

### Connect 2030 agenda:

By **2023**, increase the global e-waste recycling rate to 30%).

By **2023**, raise the percentage of countries with an e-waste legislation to 50%).

### Study Group Question 6/2:

ICTs and the Environment.

### WSIS Action Lines:

Action line **C7** on e-environment

### ITU

### Resolutions:

**WTDC resolution 66:** Information and communication technology and climate change.

### Regional initiatives:

Americas (AMS1,5)  
Arab States (ARB1)  
Asia-Pacific (ASP5)  
CIS (CIS4)

### Projects:

**2GLO19101:** Global E-waste Statistics Project 2019.

**2RAB19027:** Regional E-waste Monitor for the Arab Region 2019.

**Under preparation:** Global E-waste Data and Policy Project.

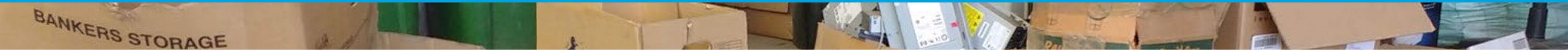
# In Focus



Deliverables by Impact Pathway	Indicators (SMART)	Baselines	Milestones (WTDC-21)	Targets (2023)	Priority Regions (2020)
IMPACT PATHWAY ONE: WEEE DATA & KNOWLEDGE					
<i>Delivery of trainings on collection and improvement of WEEE data and knowledge.</i>	By 2023, number of trainings on collection and improvement of WEEE data and knowledge at either the national or regional level equal to or greater than 10.	2 trainings on WEEE data and knowledge.	6 trainings on WEEE data and knowledge.	10 trainings on WEEE data and knowledge.	ASIA-PACIFIC AFRICA LATIN AMERICA ARAB
IMPACT PATHWAY TWO: WEEE POLICY SUPPORT					
<i>Delivery of national WEEE assessments to support sound policy development.</i>	By 2023, number of national WEEE assessments delivered equal to or greater than 9	One national WEEE assessment.	5 national WEEE assessments	9 national WEEE assessments	AFRICA
IMPACT PATHWAY THREE: ADVOCACY & MEDIA					
<i>Delivery of meetings and dissemination of visionary publications and advocacy materials.</i>	By 2023, number of visionary papers on circular economy for ICT equipment, equal to or greater than 3	One visionary paper on circular economy for ICT equipment	2 visionary papers on circular economy for ICT equipment	3 visionary papers on circular economy for ICT equipment.	GLOBAL

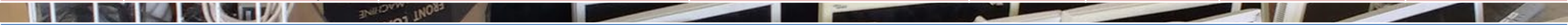
## How we Deliver





## WEEE DATA &amp; KNOWLEDGE

Level in Impact pathway	Indication (provide a bullet in plain language what you want to achieve)	Indicator (SMART)	Baseline (average 2016-2019 where available, unless indicated otherwise)	Milestone (2021)	Target (2023)	Actual (2019)	Source
Impact	An increase in the number of countries collecting WEEE data in a harmonised way.	By 2023, number of countries collecting WEEE data equal or greater than 47 (24%).	In 2016, 41 (21%) countries collected WEEE data.	23% (45 countries)	24% (47 countries)	22% (43 countries)	Global E-waste Monitor 2020



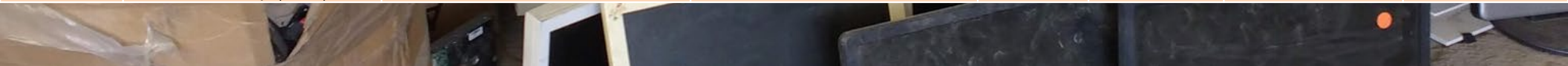
## WEEE POLICY SUPPORT

Impact	An increase in the number of countries with a legal instrument on WEEE.	By 2023, 50% of countries with a WEEE legislation.	In 2019, 76 countries (39%) in the world were covered by a policy, legislation and regulation instrument on WEEE.	42% (82 countries)	45% (87 countries)	39% (76 countries)	Global E-waste Monitor 2020
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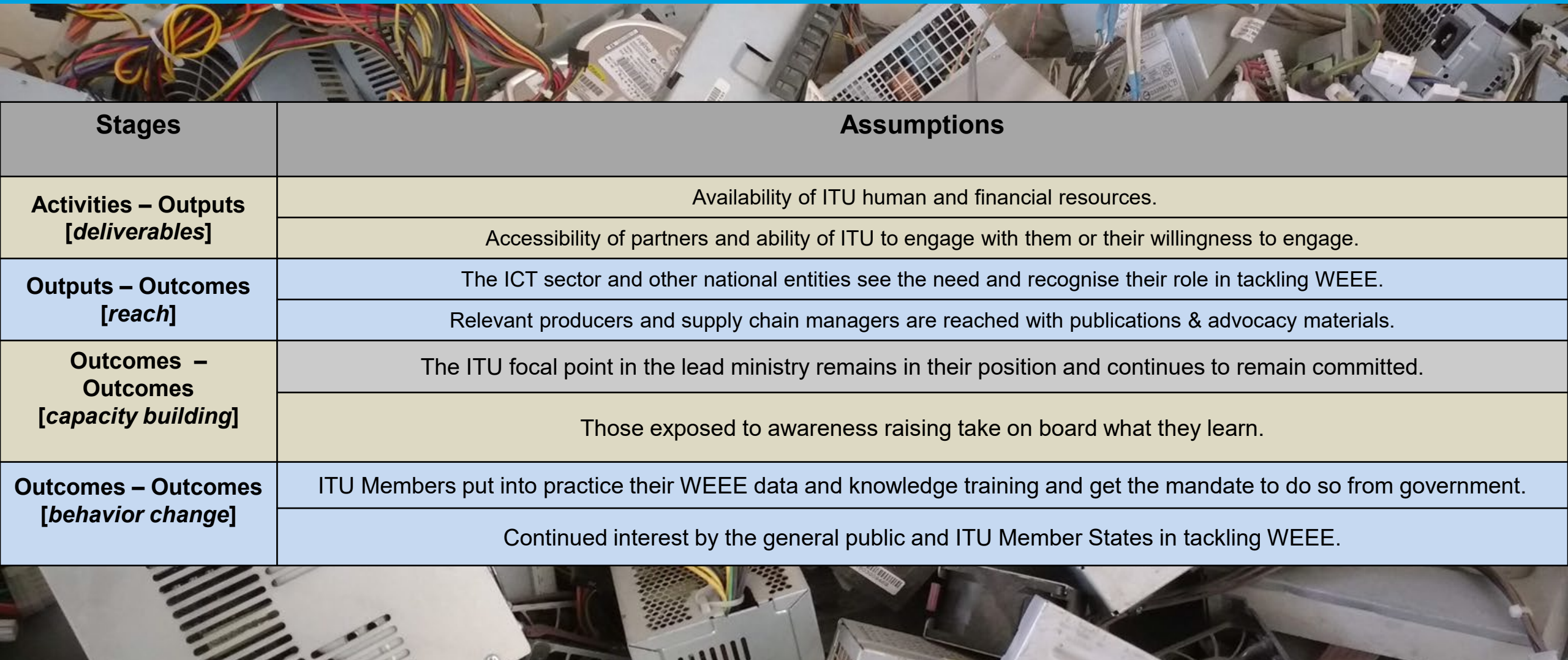


## ADVOCACY &amp; MEDIA:

Impact	An increase in the number of companies participating in the Circular Electronics Partnership (CEP).	By 2023, 20 companies having joined the CEP.	In 2019, the number of companies having joined the CEP was 0.	10	20	0	Circular Electronics Partnership
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# High-level KPIs



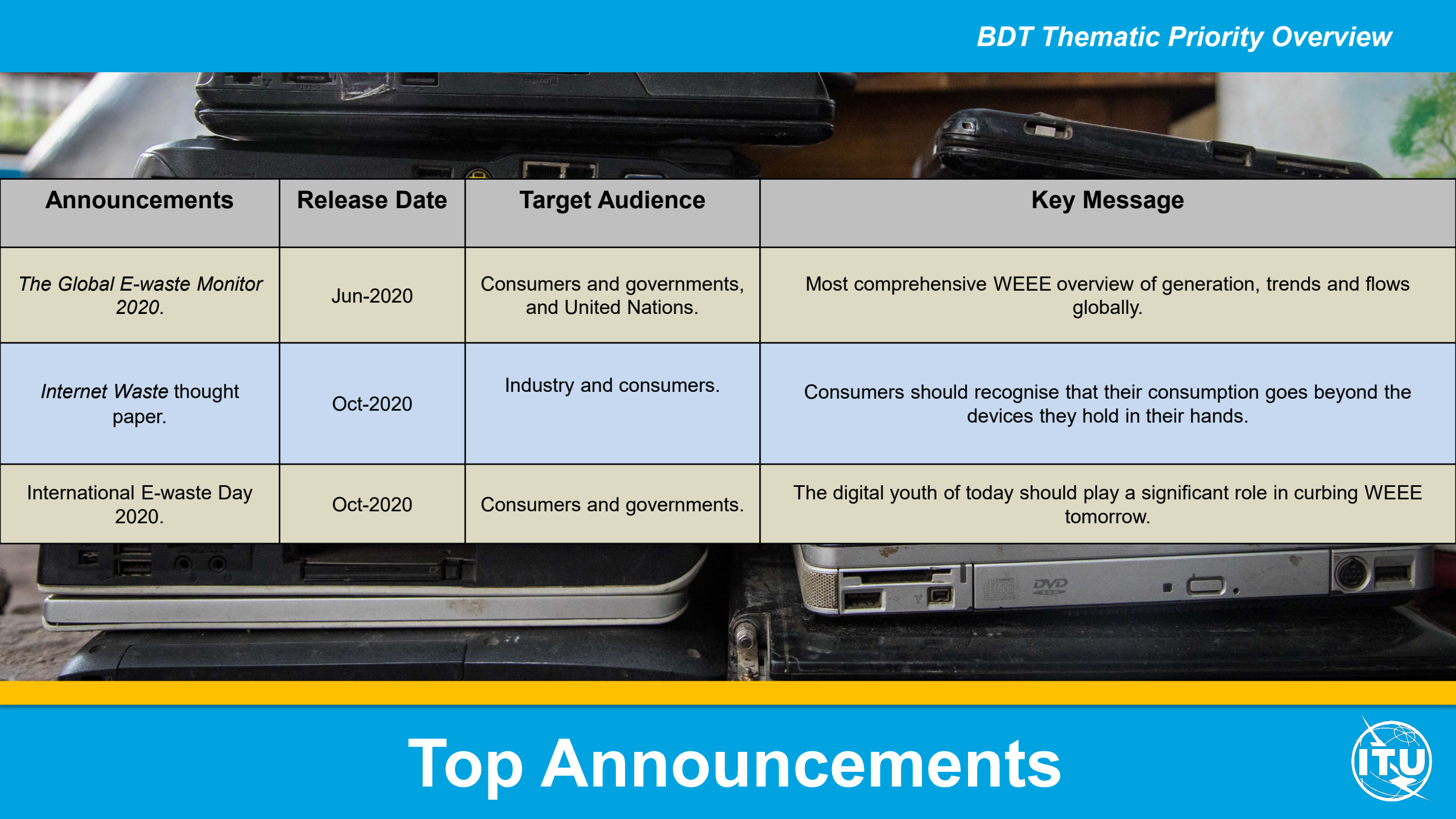
Stages	Assumptions
Activities – Outputs [ <i>deliverables</i> ]	Availability of ITU human and financial resources.
	Accessibility of partners and ability of ITU to engage with them or their willingness to engage.
Outputs – Outcomes [ <i>reach</i> ]	The ICT sector and other national entities see the need and recognise their role in tackling WEEE.
	Relevant producers and supply chain managers are reached with publications & advocacy materials.
Outcomes – Outcomes [ <i>capacity building</i> ]	The ITU focal point in the lead ministry remains in their position and continues to remain committed.
	Those exposed to awareness raising take on board what they learn.
Outcomes – Outcomes [ <i>behavior change</i> ]	ITU Members put into practice their WEEE data and knowledge training and get the mandate to do so from government.
	Continued interest by the general public and ITU Member States in tackling WEEE.

# Selected Assumptions

Impact Pathways	Key BDT Colleagues	Confirmed Partners
Data gathering and improvement.	Anne-Rita Ssemboga Cha Shou Farid Nakhli Garam Bel Mijke Hertoghs Mustafa Al Mahdi Rodrigo Robles Rosie McDonald Sameer Sharma	GSM Association, Sofies Group, WEEE Forum, Solving the E-waste Problem initiative, East African Communications Organisation, Global E-waste Statistics Partnership (UN University and International Solid Waste Association), UN E-waste Coalition, UN Environment Programme.
National WEEE assessments and policy support.	Ali Drissa Badiel Anne-Rita Ssemboga Cha Shou Chali Tumelo Garam Bel Mijke Hertoghs Mustafa Al Mahdi Rosie McDonald	
Partnership with industry and public sector, and joint visionary publications on circular ICT equipment.	Cha Shou Garam Bel Mijke Hertoghs Rosie McDonald	Circular Electronics Partnership (World Economic Forum, Green Electronics Council, Responsible Business Alliance, Global e-Sustainability Initiative, Platform for Accelerating Circular Economy, Accenture Strategy, World Business Council for Sustainable Development), WEEE Forum.

## Partnerships Plan





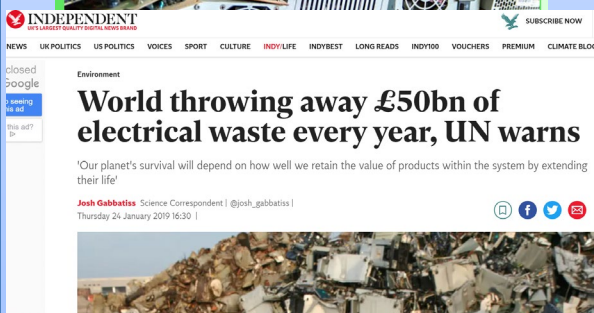
Announcements	Release Date	Target Audience	Key Message
<i>The Global E-waste Monitor 2020.</i>	Jun-2020	Consumers and governments, and United Nations.	Most comprehensive WEEE overview of generation, trends and flows globally.
<i>Internet Waste</i> thought paper.	Oct-2020	Industry and consumers.	Consumers should recognise that their consumption goes beyond the devices they hold in their hands.
International E-waste Day 2020.	Oct-2020	Consumers and governments.	The digital youth of today should play a significant role in curbing WEEE tomorrow.

# Top Announcements

Activity	Mitigation	Approach	Countries
<i>National WEEE Assessment</i>	Online	Mission to country in June has been cancelled; however, ICT Regulator and BDT have arranged to conduct first phase of assessment <i>online</i> via video conference, starting with public sector stakeholders.	Malawi
<i>National WEEE Policy Drafting</i>	Remote	Mission to country was cancelled in March; however, ICT Ministry and BDT have arranged for <i>remote</i> collaboration on policy document drafting until restrictions are lifted.	Namibia
<i>Regional Awareness Event</i>	Postponement	Event has been <i>postponed</i> to Q4 and the situation will be reevaluated at the end of May; however, BDT is also prepared to consider organising the event online.	India
<i>Regional Policy and Regulation Workshop</i>	Remote + Online	Provide country policy support remotely and carry out training as a virtual workshop on WEEE, to all Arab States.	Mauritania/Arab States

# COVID-19 Risk Response





*Stakeholders in waste management and recycling industry discuss E-waste Policy-NBC (Namibian Broadcasting Corporation)*

# Impact Stories (2017 - 2019)





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- Digital Services & Applications
- Digital Inclusion
- Capacity Development
- Networks & Digital Infrastructure

1555-1600 **Wrap Up**







# 1430-1450: Digital Services & Applications

Thematic Priority Facilitator:

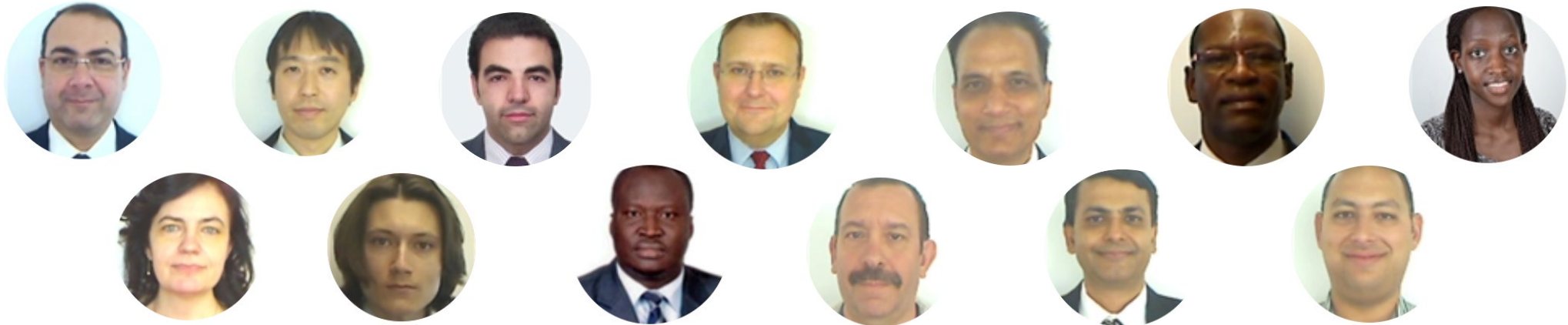
- Hani Eskandar, Digital Applications Officer



# Digital Services and Applications

## Digitally Enabled Society and Economic Sectors for SDGs

TDAG RBM Web Dialogs



# The Challenge:

- Fragmented, duplicated, piece meal approach of operating in **siloes** and creating one-off digital solutions.
- Limited reach of **scale** for integrated and interoperable digital services around citizens needs particularly in SDG-related areas of health, agriculture, education and governance.
- Lack or weak government-led sectoral digital transformation that adopts **holistic** and government or sector-wide (whole-of-government) approaches

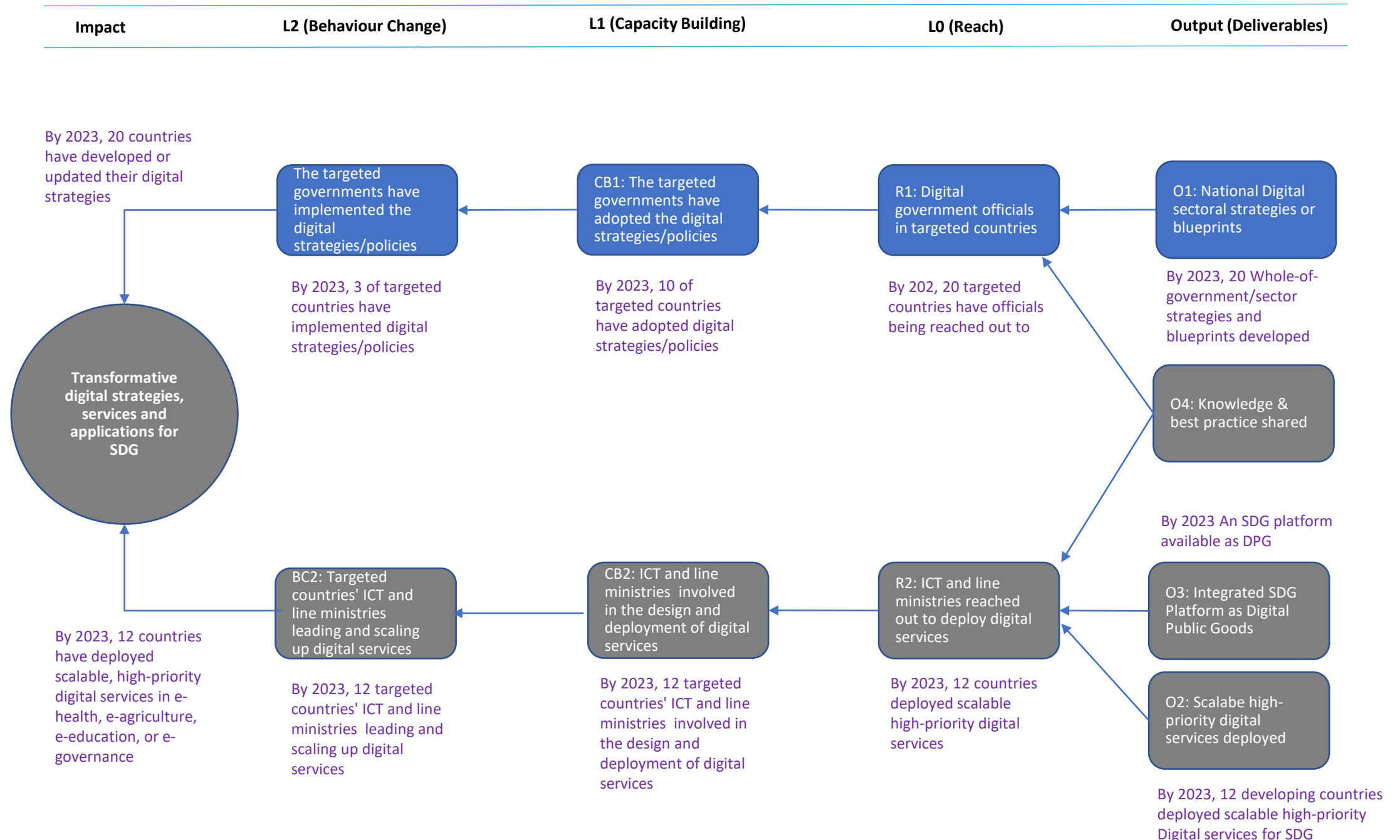
# The Solution:

*Supporting countries seeking to achieve the SDGs to leverage holistic and scalable digital strategies and services to transit to a digital society*

Two impact pathways:

1. **Develop digital government and sectoral transformation strategies and blueprints** that foster an enabling environment to institutionalize large-scale projects at national level.
2. **Deploy high-priority portfolio of comprehensive and integrated citizen/user-centric solutions** leveraging integrated digital platforms and services and common/shared digital infrastructure
3. **Supported by Knowledge Sharing and Capacity Building**

# RBM Impact Chains: Digital Services and Applications



# In Focus:

## SDG 2, 3, 4:

**Zero Hunger, Good health and well being, Quality Education**

**Study group question 1/2:**

**Smart Society**

**Study group question 2/2:**

**E-Health**

## WSIS Action Lines:

**Action line C7** on e-health, e-agriculture, e-education, e-governance

## Related Regional initiatives:

Americas: AMS 3, 4, 5

Africa: AFR 1, 2, 3

Arab States: ARB 3, 4

Asia-Pacific: ASP 2

CIS : CIS 1, 2

EUR : EUR 2, 5

## ITU Resolutions:

**WTDC resolution 37:** Bridging the digital divide

## Projects:

- 9GLO13072 - Be Healthy, Be Mobile: including
  - 9GLO13072-04 m Health for Strengthening National Diabetes Prevention and control in Tunisia
  - 9GLO13072-05 - Détection automatique de la rétinopathie diabétique au Sénégal
- 9RER17024 - EU mHealth Hub
- 9PNG20003 - Rural Entrepreneurship, Investment and Trade in PNG
- 9GLO17087 - Mainstreaming ICT for SDG (closed)
- 2RAF19090 - Regional Initiative 1 (AFR 1) – “Building digital economies and fostering innovation in Africa”
- 9RAS18061 - Harnessing ICTs to support the digital economy and an inclusive digital society
- 2EGY16002 Smart Groundwater Management

## In the pipeline:

- Smart Villages (multi-country)
- Digital Transformation for Vulnerable countries, UNDP-Estonia-UNOHRLLS
- Digital Farming - Grow Smart, FAO
- E-Commerce, UNCTAD

# Partnership Plan

<u>Impact Pathway</u>	<u>Key Regional Colleagues</u>	<u>Partners</u>
<p>1. Targeted governments have developed/updated digital strategies/policies</p> <ul style="list-style-type: none"> <li>- Digital Agriculture</li> <li>- Digital Government</li> <li>- e-Commerce</li> <li>- Smart Cities</li> <li>- Digital Economy</li> </ul>	<p>Ashish Narayan (Mongolia, Cambodia)  AI for agriculture (Yuki Hirano, Ashish Narayan)  Sylvester Cadette, Miguel Alcaine (Guyana, Suriname, TBC)  Karim Abdelghani (Sudan - TBC)  Ali Drissa Badiel (Guinea Bissau, Capo Verde - TBC)  Jaroslav Ponder (Euro)  Farid Nakhli (Tadjikistan)  Ursula Wynhoven (UNDP)  Caroline Gaju (UNCTAD/e-Commerce, UNDP/ accelerator Labs-Ethiopia)  Ashish (Vanuatu, PNG)  Farid Nakhli (Belarus)  Sameer Sharma (Maldives, India)  Karim Abdelghani (Sudan)</p>	<p>FAO  UNCTAD  UNDP  Australia  Member states</p>
<p>2. Target countries have deployed digital services:</p> <ul style="list-style-type: none"> <li>- Smart Villages</li> <li>- Mobile and Digital Health</li> <li>- Digital Agriculture</li> <li>- Digital Learning</li> <li>- Digital Public Goods</li> </ul>	<p>Ashish Narayan (Vanuatu)  Ismail Shah (Indonesia)  Caroline Gaju (Niger)  Miguel Alcaine, Sylvester Cadette (Guyana)  Ashish Narayan (PNG)  Ali Drissa Badiel (Senegal, Burkina Faso)  Karim Abdelghani (Egypt, Sudan, Lybia)  Simona Pestina, Jaroslav Ponder (European country)  Sameer Sharma (Thailand, Asia)  Ismail Shah (ASEAN)</p>	<p>DIAL, WHO, FAO, UNESCO  WHO, FAO, EU, UNESCO, UNDP,  ILO, EU, PATH, Santen, Vitality  Sanofi, Roche, ARM</p>

# Communication Plan 2020 – Key announcements

<u>Announcements</u>	<u>Release date</u>	<u>Target audience</u>	<u>Key messages</u>
1. ITU-WHO-UNICEF collaboration to inform population on essential COVID messages	April 2020	All	Collaboration between Health and telecom sector to inform everyone particularly those who are not connected
2. Publication of the Smart Villages Blueprint	June 2020	ITU membership Donors/partners	Meaningful connectivity, COVID recovery, ONE UN, platform to address several SDG in a cost-effective manner, Whole of Government, Rural digital transformation, Call for replication
3. Grow Smart / Digital Farming with FAO + Release of AI for Agriculture report	Q3/4	ITU membership Donors/partners	Food Security, COVID recovery
4. Release of Digital Health Platform and Mobile Health Publications	Q3/4	All	Digital Health scaling up and integration in health systems



# Covid-19 Related Actions

- Shifting of some of the physical workshops/events to online meetings or development of online training Materials but keeping the same theme and expected outcomes
- Kicked-off collaboration between ITU-WHO-UNICEF to inform population on essential COVID messages leveraging MNOs, social media, etc.
- Engaging with the EU to provide input on developing EU Toolbox for COVID-19 response through the ITU-WHO-EU mHealth Knowledge Hub
- Built a [COVID-19 apps repository](http://mhealth-hub.org/mhealth-solutions-against-covid-19) in Europe: currently > 50 apps (<http://mhealth-hub.org/mhealth-solutions-against-covid-19>)



Niger Smart Villages (trailer 1.5 min)  
<https://youtu.be/00bj9Okpm1I>



# 1450-1510: Digital Inclusion

Thematic Priority Facilitator:

- Sylvia Poll Ahrens, Head of Digital Society Division



# Digital Inclusion

## Inclusive, equal access and use of ICTs for all



### Geneva:

S. Poll, C. Licciardello, R. Widmer-Iliescu, L. Gaitan, F. Rotino, J. Arana

**Africa:** I. Jallow

**Asia-Pacific:** I. Shah, A. Narayan

**Americas:** A. Veneroso, R. Trevino, S. Cadette,  
P. Palacios

**Arab:** R. Al Amir

**CIS:** V. Soloveva

**EURO:** J. Ponder



## **The Challenge: persistent digital divide**

ICTs have the potential to improve people's lives. They pose opportunities for individuals and communities alike. ICTs, however, are not always equally accessible to everyone and the opportunities they provide are not evenly distributed.

- Some people with specific needs (i.e. associated to differences of age, gender, ability, socioeconomic status and geography) may have barriers to access and use digital information and services.
- Substantial digital divides persist between countries. Indeed, nearly **87 per cent of people** were using the Internet in developed countries in 2019, compared with **47 per cent** in developing countries.
- Digital divides are also evident within countries. Men, urban residents and young people are more likely to be online than women, rural dwellers and older persons. The digital gender gap is more pronounced in developing countries and substantial in least developed countries.

# The Solution:

*Inclusive, equal access and use of ICTs for all*

## Two impact pathways:

1. Support **Member States, sector members and academia** in the formulation and implementation of **policies and strategies** on digital inclusion, as well as **awareness raising** and **advocacy**, sharing **good practices** and knowledge, **building capacity** and the development products/services.
2. Support **specific local communities** (children, youth, older persons, women, persons with disabilities and indigenous people) through multi-stakeholder **partnerships, collaborations and initiatives**, to implement scalable roadmaps, actions, activities, and projects, to reduce the digital divide and towards more inclusive, equal access and use of ICTs for all.

**" INCLUDE EVERYONE, EVERYWHERE IN A DIGITAL SOCIETY"**

# In Focus: "Leave no one behind"

**SDG 1, 4, 5, 8, 10, 17**

**No Poverty, Quality Education, Gender Equality, Decent Work and Economic Growth, Reduced Inequalities, Partnership for the Goals**

**"Connect 2030 Agenda for Global Telecommunication/ICT Development"**

**Goal No. 2: Inclusiveness – Bridge the digital divide and provide broadband access for all;**

**WSIS Action Lines:**

**C1, C2, C3, C4, C5, C6, C7, C8, C9**

## **ITU Resolutions:**

### **EMPOWERMENT OF WOMEN & GIRLS THROUGH ICTs CONTRIBUTES TO GENDER EQUALITY**

- **PP Resolution 70 (Rev. Dubai, 2018):** Mainstreaming a gender perspective in ITU and promotion of gender equality and the empowerment of women through ICTs
- **WTDC Resolution 55 (Rev. Buenos Aires, 2017):** Mainstreaming a gender perspective for an inclusive and egalitarian information society

## **ITU Resolutions:**

### **EMPOWERMENT OF YOUTH & CHILDREN THROUGH ICTs CONTRIBUTES TO BENEFIT FROM TODAY'S DIGITAL ECONOMY AND DIGITAL TRANSFORMATION**

- **PP Resolution 198 (Rev. Dubai, 2018):** Empowerment of youth through telecommunication/information and communication technology
- **WTDC Resolution 76 (Rev. Buenos Aires, 2017):** Promoting information and communication technologies among young women and men for social and economic empowerment
- **PP Resolution 179 (Rev. Dubai, 2018):** The role of ITU on Child Online Protection
- **WTDC Resolution 67 (Rev. Buenos Aires, 2017):** The role of the ITU Telecommunication Development Sector in child online protection

## **ITU Resolutions:**

### **EMPOWERMENT OF PERSONS WITH DISABILITIES THROUGH ICTs TO ENSURE EQUAL OPPORTUNITIES**

- **PP Resolution 175 (Rev. Dubai, 2018):** ICT accessibility for persons with disabilities and persons with specific needs
- **WTDC Resolution 58 (Rev. Buenos Aires, 2017):** ICT accessibility for persons with disabilities, including persons with age-related disabilities

# In Focus: "Leave no one behind"

**SDG 1, 4, 5, 8, 10, 17**

**No Poverty, Quality Education,  
Gender Equality, Decent Work and  
Economic Growth, Reduced  
Inequalities, Partnership for the Goals**

**"Connect 2030 Agenda for  
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**Goal No. 2: Inclusiveness – Bridge the digital divide  
and provide broadband access for all;**

**WSIS Action Lines:**

**C1, C2, C3, C4, C5, C6, C7, C8, C9**

## **ITU Resolutions:**

**EMPOWERMENT OF INDIGENOUS PEOPLES AND PEOPLE LIVING  
IN REMOTE AREAS THROUGH ICTs TO ENABLE FULL AND  
EFFECTIVE PARTICIPATION IN THE DIGITAL ECONOMY**

- **WTDC Resolution 11 (Rev. Buenos Aires, 2017):** ICT technology services in rural, isolated and poorly served areas and indigenous communities
- **WTDC Resolution 46 (Rev. Buenos Aires, 2017):** Assistance to indigenous peoples and communities through information and communication technology
- **PP RESOLUTION 184 (Guadalajara, 2010)** Facilitating digital inclusion initiatives for indigenous peoples

## **ITU Resolutions:**

**EMPOWERMENT OF OLDER PERSONS THROUGH ICTs  
TO ENABLE THEIR INCLUSION**

- **WTDC Resolution 58 (Rev. Buenos Aires, 2017):** ICT accessibility for persons with disabilities, including persons with age-related disabilities

## **Regional initiatives:**

**Africa: AFR3**

**Americas: AMS4**

**Arab States: ARB2, ARB3**

**Asia-Pacific: ASP2**

**CIS: CIS2**

**EUR: EUR3, EUR4**



# In Focus: "Leave no one behind"

**SDG 1, 4, 5, 8, 10, 17**

**No Poverty, Quality Education, Gender Equality, Decent Work and Economic Growth, Reduced Inequalities, Partnership for the Goals**

**"Connect 2030 Agenda for Global Telecommunication/ICT Development"**

**Goal No. 2: Inclusiveness – Bridge the digital divide and provide broadband access for all;**

**WSIS Action Lines:**

**C1, C2, C3, C4, C5, C6, C7, C8, C9**

## Study Groups

### **SG 1: Question 7/1**

"Access to telecommunication/ICT services by persons with disabilities and other persons with specific needs"

### **SG 2: Question 3/2**

"ICT services and applications for the promotion of sustainable development"

## Projects:

### **Implemented**

- ITU and UN Women, in collaboration with the African Union Commission, implemented the African Girls Can CODE Initiative (AGCCI)

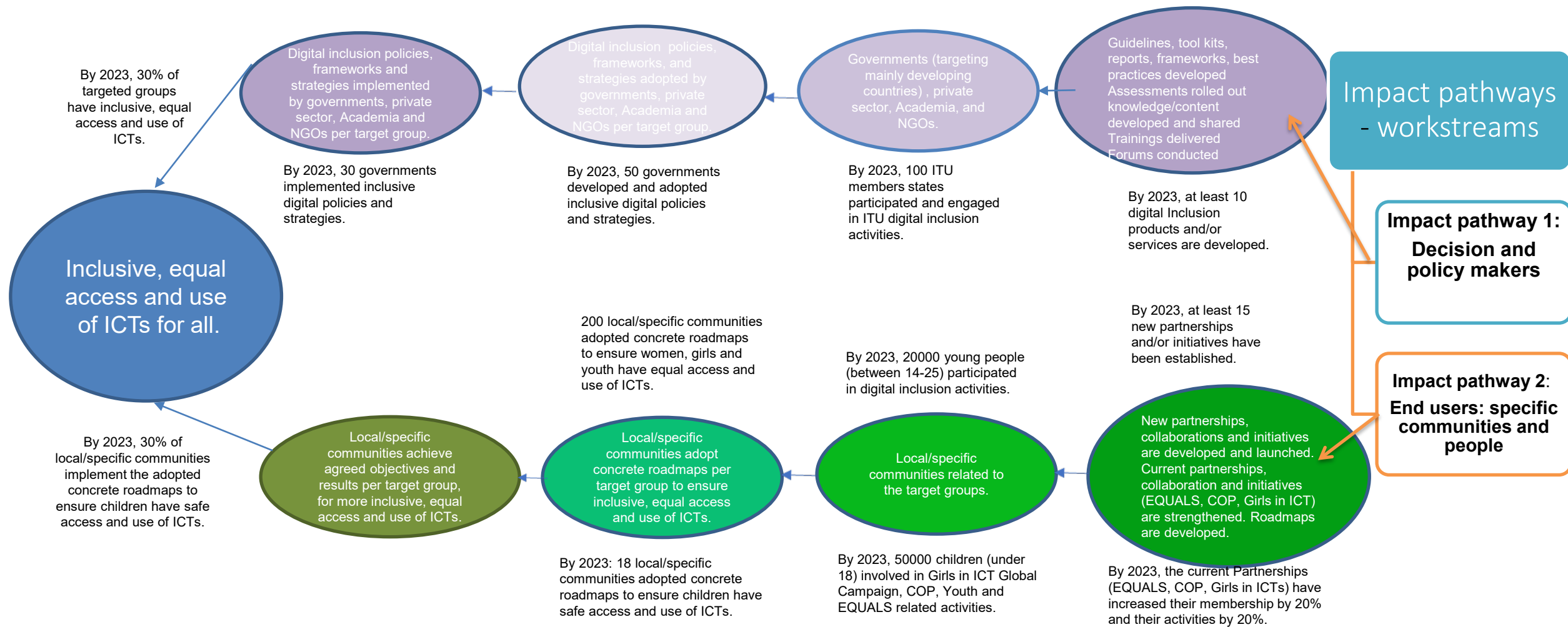
### **Ongoing – under implementation**

- DOCA Project on Child Online Protection in Asia Pacific

### **Under development, and/or to be signed**

- EIF/ ITU EQUALS in Tech. Enhancing the Digital Ecosystem and Digital Skills for the economic empowerment of women in LDCs (partially funded by ICT-DF Funds)
- Pacific and Arab Girls Can Code initiative \*
- Global concept on the implementation of the COP Guidelines to develop national strategies \*
- ICT Accessibility related projects\*

\*to be co-funded by RI and external funds



# Partnership Plan (current)

<b><u>Impact Pathway</u></b>	<b><u>Key Colleagues</u></b>	<b><u>Partners</u></b>
<b>COP National strategies Project in 6 Asia Pacific countries</b>	Sameer Sharma (Asia)	Australia GSMA and Telecom Operators Children and Parents associations
<b><i>EQUALS inTech Project: Enhancing the Digital Ecosystem and Digital Skills for the economic empowerment of women in LDCs</i></b>	Loly Gaitan & Carla Licciardello, Cleveland Thomas and Ida Jallow	EIF, GSMA, EQUALS
<b><i>EQUALS inTech Project: Enhancing the Digital Ecosystem and Digital Skills for the economic empowerment of women in LDCs</i></b>	Loly Gaitan & Carla Licciardello	Germany, GIZ, EIF, GSMA, ISOC EQUALS

# Top Announcements

## BDT Thematic Priority Overview

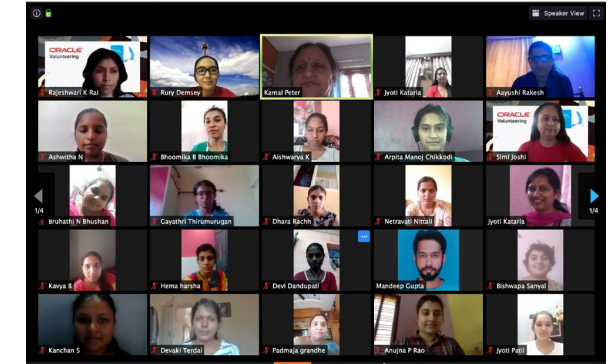
Announcements	Release Date	Target Audience	Key Message
Launch COP Guidelines & Mascot Social media Launch	June 2020	Government, Private Sector, International and Regional Organizations, Academia & Civil Society	<ol style="list-style-type: none"> <li>1. ITU's COP Guidelines targeting policy makers, industry, children, parents and educators represent a solid starting point that supports the development and strengthening of online skills for children as well as international and national efforts on COP.</li> <li>2. ITU has reviewed the COP guidelines fundamentally to reflect the very significant shifts in children's digital environment.</li> <li>3. Reaching children and parents through social media, Sango, the voice of the Child Online Protection Initiative, will share news, advice and challenges supporting the development of digital skills and digital literacy.</li> </ol>
EQUALS in Tech Awards ceremony	June 2020	Government, Private Sector, International and Regional Organizations, Academia & Civil Society	The ceremony will have the chance to promote the work of excellent organizations who are mainstreaming gender and ICTs.
ICT Accessibility Resources and Regional Knowledge Development Fora	November / December 2020	Government, Private Sector, International and Regional Organizations, Academia & Civil Society	<ol style="list-style-type: none"> <li>1. ICT accessibility National Evaluation and Roadmap: Towards building digital inclusive societies (in English and Spanish)</li> <li>2. Regional Assessment in ICT Accessibility implementation in Asia and Pacific region</li> <li>3. The "ICT accessibility – The key to inclusive communication" online self-paced training will be made available also in French, Spanish and Arabic</li> <li>4. Accessible Americas – ICT for ALL and Accessible Europe – ICT for ALL</li> </ol>



# Impact Story



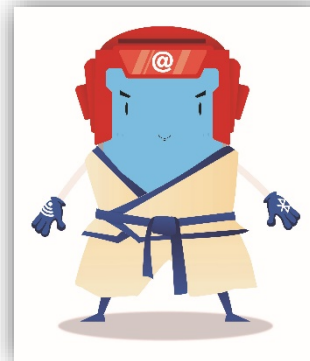
Virtual Girls in ICT Day celebrations 2020



Virtual Girls in ICT Day celebrations 2020



EQUALS delegation at ITU Telecom World 2019, Hungary



I am Sangophone! - COP Mascot 2020



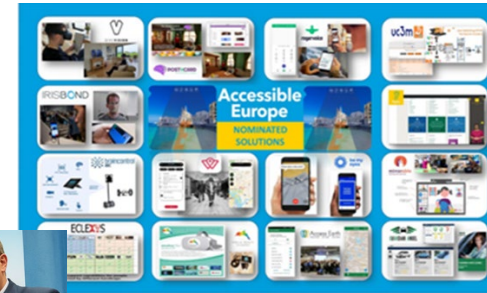
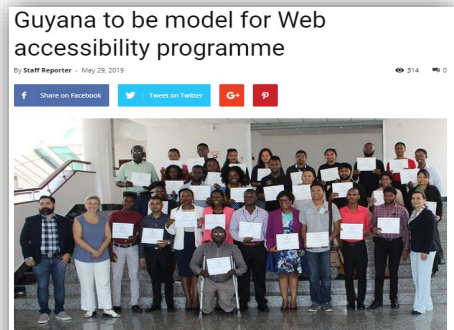
African Girls Can Code 2019, Ethiopia



# Impact Stories

## ICT Accessibility for PwD and other persons with specific needs Indigenous People

Accessible Americas & Accessible Europe "ICT for ALL"  
Regional Knowledge Development Platforms



"Training Programme for technical promoters in indigenous communities", Mexico, 2020



# Impact Story



**Global Young Visionaries Summit**

**FerMUN 2020 - Model UN**

**January 2020, Geneva**

[Futurecasters Video \(click here\)](#)





# COVID – 19 related actions

## **Digital Inclusion cluster contributions to the COVID-19 response:**

- ITU short guidelines in making digital information accessible for Persons with Disabilities: On how to ensure that digital information, services and products are accessible by all people, including persons with disabilities during COVID-19.
- Technical note COVID-19 and its implications for protecting children online, from ITU and UNICEF, GPEVAC, UNESCO, UNODC, WePROTECT Global Alliance, WHO and World Childhood Foundation USA aiming to help governments, ICT companies, educators and parents protect children in lockdown.
- Agenda for Action of the Interagency working group on violence against children providing a child rights and multi-sectoral framework for action during and after COVID-19: ITU, UNICEF, UNHCR, UNOHR, UNODC, ILO, IOM and the office of the special representative on violence against children.
- Call to Action: The United Nations Inter-Agency Network on Youth Development (UN IANYD) Statement on COVID-19 and Youth. ITU and 50 IANYD UN members, as well as 168 youth entities from the IANYD Youth Caucus support the call to action.

## **Digital inclusion adjusted actions due to COVID-19:**

- Girls in ICT Day 2020 virtual format: In 2020, International Girls in ICT Day was celebrated on 23 April. A “24h World Tour of Girls in ICT Day celebrations highlights” featured some of the virtual celebrations taking place all over the world during the Day. ITU hosted an online dialogue on Girls in ICT: Inspiring the Next Generation.
- Virtual meetings/webinars/ dialogues, instead of face to face meetings.
- Delivery of virtual trainings.
- Virtual delivery of guidelines and toolkits.





## 1510-1530: Capacity Development

Capacity and Digital Skills Development Division.

Thematic Priority Facilitators:

- Susan Teltscher, Head of Capacity and Digital Skills Development Division
- Mike Nxele, Senior Capacity and Skills Development Officer



# Capacity Development

## Developing skills for the digital economy



# The Challenge:

- Due to the rapid development of technologies and continuous evolution of the ICT landscape, there is a **constant need to upgrade the skills** needed to handle the technologies and develop appropriate policies
- There are people who are still **excluded** from participating in the digital economy and society due to **lack of basic digital skills**
- There is a large **research and knowledge gap** on the role and impact of these technologies on skills requirements and skills development for future jobs

# The Solution:

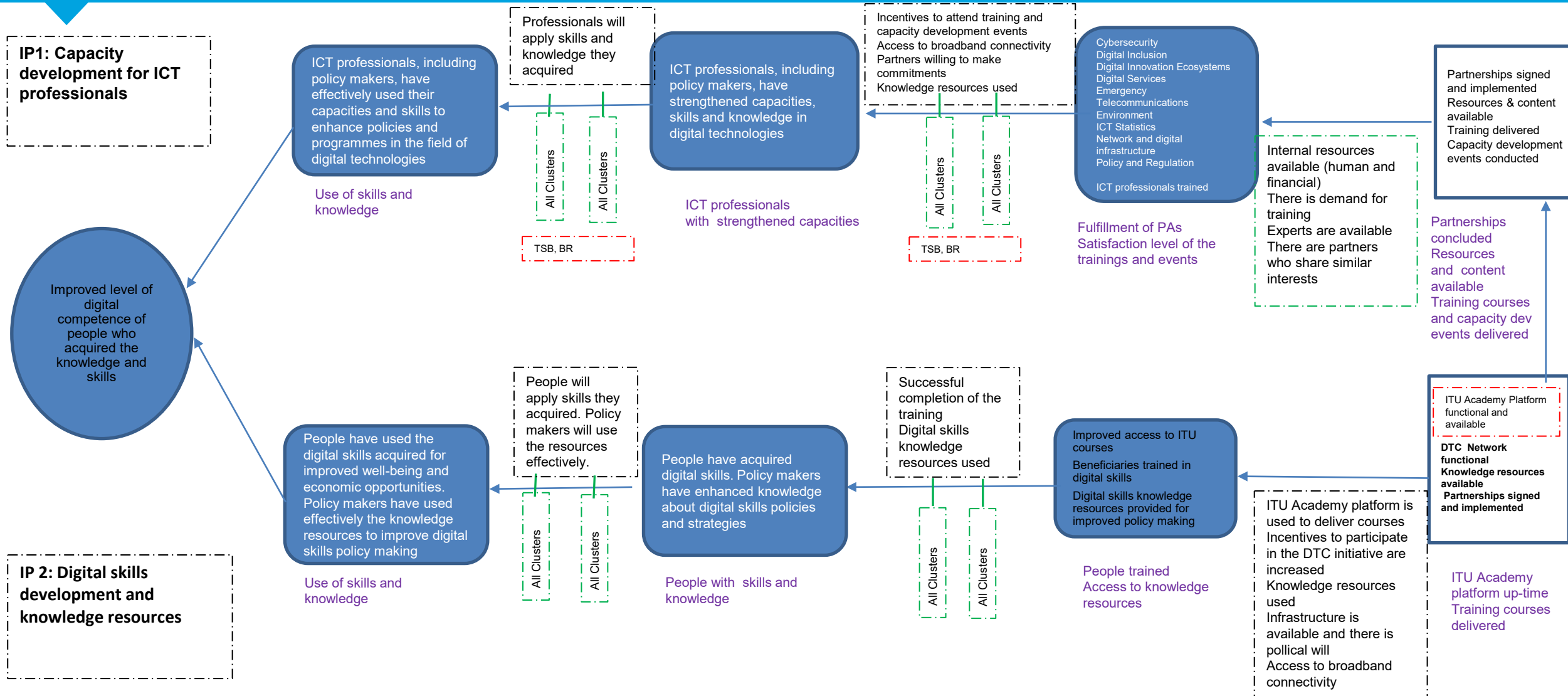
## *Developing skills for the digital economy*

### Two impact pathways:

1. Development and delivery of **specialized training programmes and capacity development workshops for ICT professionals** (from the public and private sector) using varied approaches including partnerships with external stakeholders and internal collaborations
2. Development of **knowledge resources and delivery of digital skills training** at basic and intermediate level, promoting skills development for digital inclusion and producing publications focusing on cross-cutting themes



# Impact Chains: Capacity development



Impact

L2 (Behaviour Change)

L1 (Capacity Building)

L0 (Reach)

Output (Deliverables)



**Legend**

Entry Point

indications

assumptions

# In Focus:

## SDG 4:

**Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all:** SDG indicator 4.4.2, “Percentage of youth/adults who have achieved at least a minimum level of proficiency in digital literacy skills”. SDG indicator 4.4.7: By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development

## Study group question:

**Cuts across all questions**

## WSIS Action Lines:

**Action line C4** on Capacity Building

**Action Line C7** on e-learning

## Projects:

2UZB19004, 9ARG18014, 9GLO15077, 9GLO16080, 9RAB18026-02, 9RAS18061, 9RAS18062  
9THA19038, COEGLO001, 2RAF20091, 9RAB18026-02

## Connect 2030 agenda:

In the developing world, **60% of individuals will be using the Internet** (30% in LDCs)

## ITU Resolutions:

### WTDC resolution 40:

Group on Capacity Building Initiatives

### WTDC resolution 73:

Centers of Excellence

## Regional initiatives:

**AMS2, AMS3, AMS5  
ASP1, ASP2, SP3,  
ASP4, ASP5  
CIS2  
AFR4**

# Partnership Plan

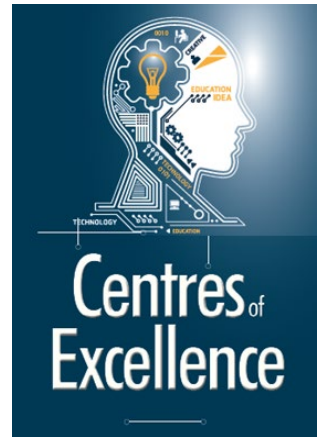
<b><u>Impact Pathway</u></b>	<b><u>Key BDT Colleagues</u></b>	<b><u>Confirmed Partners</u></b>
1. Capacity development for ICT professionals	Capacity development cluster focal points All other BDT cluster leads Regional Directors	Centres of Excellence (29 institutions) Rhode & Schwarz, ITSO, Huawei, GSMA, ISOC, ICANN, Intel, Wayfindr APNIC, PITA Jordan (JRC), Ghana (NCA) IT Park (UZ) DITRDC (Australia), NBTC (Thailand) TPRA-Sudan, CITC-KSA, Kuwait Fund, Saud Trust Fund IADB
2. Digital skills development and knowledge resources	Capacity development cluster focal points Digital Inclusion Cluster, other clusters Regional Directors	Digital Transformation Centres (10 institutions) Norad ILO Cisco, HP, Intel, Huawei Balidea

# Communication Plan 2020 – top 5 announcements

<u>Announcements</u>	<u>Release date</u>	<u>Target audience</u>	<u>Key messages</u>
1. Digital Skills Assessment Guidebook	May 2020	Governments	Objective of the Guidebook is to help countries assess their digital skills levels for better policy making Note: this Guidebook complements the Digital Skills Toolkit released in 2018
2. Digital Transformation Centres	National DTC stakeholder workshops ( as planned at national level)	Governments Private sector Local authorities Donor community	<ul style="list-style-type: none"> <li>To get stakeholder buy-in on the DTC work</li> <li>Promote DTCs</li> <li>Train more people and strengthen digital skills among ITU membership</li> </ul>
3. ITU Academy/CoE training courses	Every month and/or in accordance to the training schedule	ITU members, Academia, current and former students, ITU partners	To promote ITU's offerings of training opportunities for ICT professionals and policy makers.
4. Digital Skills <i>Insights</i> 2020	July 2020	ITU members Academia	Latest research findings and analysis on the impact of digital transformation on capacity and skills development.
5. Hackathon in the Pacific to promote digital skills	October 2020	ITU and PITA Members in the Pacific	Develop and promote digital skills in the Pacific

# Covid-19 Related Actions

- A number of face-to-face training courses have been converted to online training
- New training offerings: train-the-trainer course on remote teaching, delivered through the Digital Transformation Centers, in partnership with Cisco

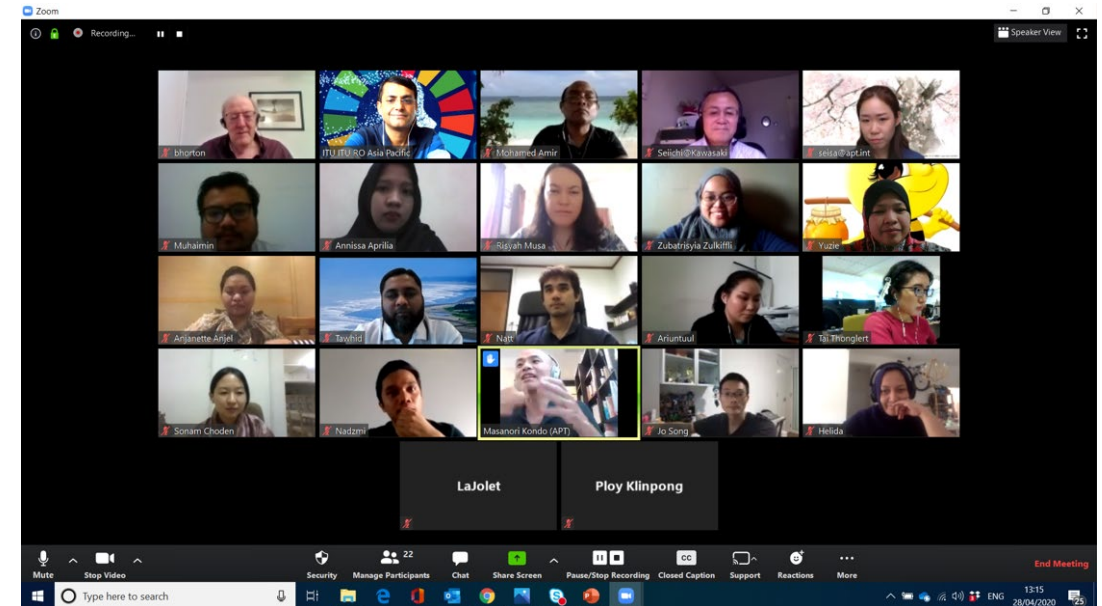
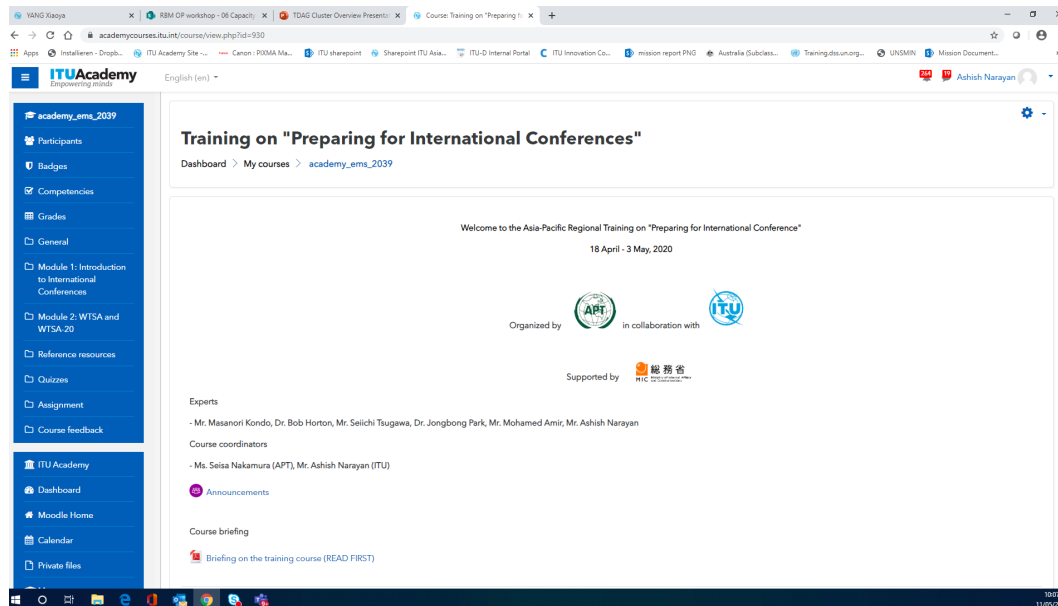


**Digital  
Transformation  
Centres**



# Impact Story

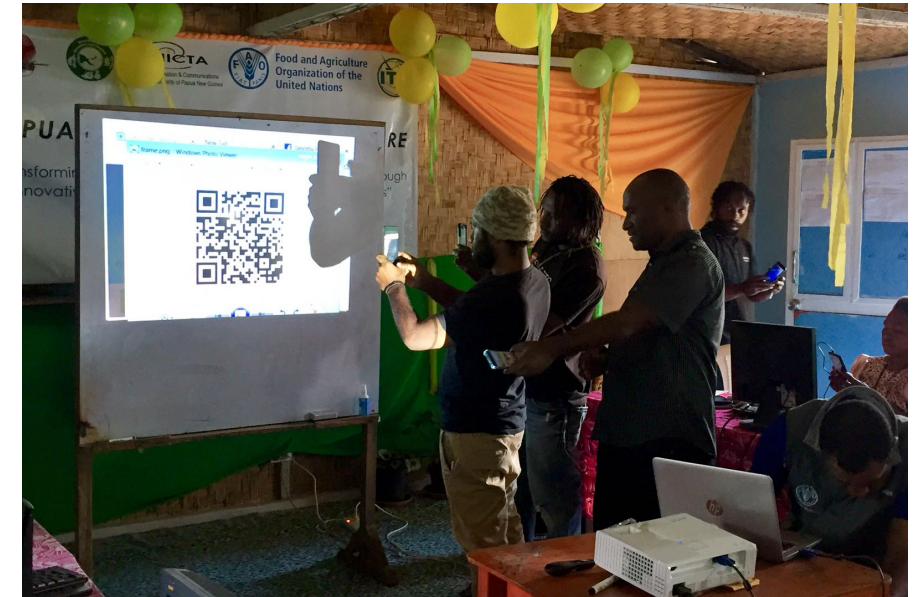
## Continuing learning experience during COVID-19 on ITU Academy



# Impact Story

## Building digital skills in Papua New Guinea

<https://news.itu.int/digital-agriculture-transforms-farmers-lives-in-papua-new-guinea/>



Australian Government  
Department of Infrastructure, Transport,  
Regional Development and Communications



## 1530-1550: Networks and Digital Infrastructure

Thematic Priority Facilitator:

- Istvan Bozsoki, Head of Telecommunication, Network, and Spectrum Management Division





# Network & Digital Infrastructure

## Reliable Connectivity to Everyone



# The Challenge:

- The ICT sector is characterized by rapid technological change. By convergence of technological platforms for telecommunications, information delivery, broadcasting and computing are key enablers for the digital economy. Infrastructure is central for enabling universal, sustainable, and affordable access to ICTs and services for all.
- The deployment of common broadband, including through fixed and mobile, technology and network infrastructures for multiple telecommunication services and applications and, the evolution to all IP-based wireless and wired future networks (NGNs) and their evolutions imply significant challenges for developing countries.
- Currently there are only 4.1 billion people, or 53.6% of the world's population, with access to the internet. This means 3.6 billion people are without meaningful access to the internet. The LDCs (least developed countries) are the least connected with only 19.1% of the population connected, mostly in Africa and South Asia.



# The Solution:

## *Reliable Connectivity to Everyone*

### Three impact pathways:

1. Increased usage of **connectivity** by citizens for socio-economic activities
2. Efficient **spectrum management** by professionals using advanced technics
3. Adoption of **modern ICT infrastructure**, based on **international ICT standards** by governmental bodies

# In Focus:

**SDGs:**



**5:** Gender equality, **8:** Decent work and economic growth, **9:** Industry, innovation and infrastructure, **11:** Sustainable cities and communities, **17:** Partnerships for the goals

## Study Group 1 questions:

**Question 1/1:** Strategies and policies for the deployment of broadband in developing countries

**Question 2/1:** Strategies, policies, regulations and methods of migration and adoption of digital broadcasting and implementation of new services

**Question 5/1:** Telecommunications/ICTs for rural and remote areas

## Study Group 2 questions:

**Question 4/2:** Assistance to developing countries for implementing conformance and interoperability (C&I) programmes and combating counterfeit ICT equipment and theft of mobile devices

**Question 7/2:** Strategies and policies concerning human exposure to electromagnetic fields

## WSIS Action Lines:

**Action line C2** on Information and communication infrastructure - Priority 1

**Action line C9** on Media – Priority 2

**Action line C3** on Access to information and knowledge – can be dropped

**Action line C7** on ICT Applications: E-science – can be dropped

## In Focus:

### Projects:

<b>Africa:</b>	Broadband Wireless Network ( <b>7RAF08073</b> )
<b>Africa + ARB</b>	PRIDA-ITU Delegation Agreement for Action ( <b>9RAF18089</b> )
<b>ARB</b>	Project to set-up IPv6 & IoT Expertise Center (Planned, Sudan)
<b>World/Multi:</b>	Further developments to SMS4DC Software ( <b>9GLO7086</b> )
	National Spectrum Management Assistance Workshop ( <b>9GLO18090</b> )
	New Graphical Interface of the ITU Interactive Transmission Maps ( <b>2GLO18097</b> )
	Project to set-up IPv6 & IoT Expertise Center ( <b>7GLO18096</b> )
	Assistance of the establishment of National Spectrum Management Basic Framework Systems ( <b>9GLO19099</b> )
	Assistance in the implementation of spectrum management and monitoring system ( <b>9GLO20102</b> )
	Planned Project: Community Networks/Last mile connectivity
<b>Americas:</b>	Monitoreo del Espectro Radioelectrico ( <b>7CUB18004</b> )
	Asesorar y apoyar al MinTIC en el desarrollo de actividades generales para la mejor utilización de las TIC para la Transformación Digital ( <b>9COL19039</b> )
	Asistencia técnica para validar, planificar y ejecutar la asignación de permisos para uso de espectro IMT y para uso de mejores prácticas ... en Colombia ( <b>9COL19040</b> )
	Soporte institucional al Instituto Dominicano de las Telecomunicaciones ( <b>9GLO17086</b> )
<b>CIS:</b>	International Research, Development and Testing Centre for new equipment, technologies, and services (IRDTC) - Phase 1 ( <b>9RER19025</b> )
<b>EUR</b>	Supporting Investment Opportunity Mapping Systems in Broadband Infrastructure for South Eastern Europe ( <b>just signed</b> )

### Regional initiatives:

<b>Africa:</b>	<b>AFR2:</b> Promotion of emerging broadband technologies
	<b>AFR5:</b> Management and monitoring of the radio-frequency spectrum and transition to digital broadcasting
<b>Americas:</b>	<b>AMS2:</b> Spectrum management and transition to digital broadcasting
	<b>AMS3:</b> Deployment of broadband infrastructure, especially in rural and neglected areas, and strengthening of broadband access to services and applications
<b>Arab States:</b>	<b>ARB4:</b> IoT, smart cities and big data
<b>Asia-Pacific:</b>	<b>ASP3:</b> Fostering development of infrastructure to enhance digital connectivity
<b>CIS:</b>	<b>CIS3:</b> Development and regulation of infocommunication infrastructure to make cities and human settlements inclusive, safe and resilient
	<b>CIS5:</b> Fostering innovative solutions and partnership for the implementation of IoT technologies and their interaction in telecommunication networks, including 4G, IMT-2020 and NGN, in the interests of sustainable development
<b>Europe:</b>	<b>EUR1:</b> Broadband infrastructure, broadcasting and spectrum management

# In Focus:

## *ITU WTDC Resolutions:*

- 9 - Participation of countries, particularly developing countries, in spectrum management**
- 10 - Financial support for national spectrum-management programmes
- 11 - Telecommunication/information and communication technology services in rural, isolated and poorly served areas and indigenous communities**
- 15 - Applied research and transfer of technology
- 17 - Implementation of and cooperation on regionally approved regional initiatives at the national, regional, interregional and global levels
- 18 - Special technical assistance to Palestine
- 20 - Non-discriminatory access to modern telecommunication/information and communication technology facilities, services and related applications
- 21 - Coordination and collaboration with regional and subregional organizations
- 30 - Role of the ITU Telecommunication Development Sector in implementing the outcomes of the World Summit on the Information Society, taking into account the 2030 Agenda for Sustainable Development
- 37 - Bridging the digital divide**
- 43 - Assistance in implementing International Mobile Telecommunications and future networks**
- 47 - Enhancement of knowledge and effective application of ITU Recommendations in developing countries, including conformance and interoperability testing of systems manufactured on the basis of ITU Recommendations**
- 52 – Strengthening the executing agency role of the ITU Telecommunication Development Sector.
- 62 - Assessment and measurement of human exposure to electromagnetic fields**
- 63 - IP address allocation and facilitating the transition to IPv6 deployment in the developing countries**
- 77 - Broadband technology and applications for greater growth and development of telecommunication/information and communication services and broadband connectivity**
- 79- The role of telecommunications/information and communication technologies in combating and dealing with counterfeit telecommunication/information and communication devices
- 84- Combating mobile telecommunication device theft (Buenos Aires, 2017)
- 85- Facilitating the Internet of Things and smart cities and communities for global development**

# In Focus:

## *ITU PP Resolutions:*

71 – Strategic Plan for the Union for 2020-2023

**101 - Internet Protocol-based networks**

**102 - ITU's role with regard to international public policy issues pertaining to the Internet and the management of Internet resources, including domain names and addresses**

**123 - Bridging the standardization gap between developing and developed countries**

125 - Assistance and support to Palestine for rebuilding its telecommunication networks

130 - Strengthening the role of ITU in building confidence and security in the use of information and communication technologies

133 - Role of administrations of Member States in the management of internationalized (multilingual) domain names

**135 - ITU's role in the durable and sustainable development of telecommunications/information and communication technologies, in providing technical assistance and advice to developing countries and in implementing relevant national, regional and interregional projects**

**137 - Deployment of future networks in developing countries**

**139 - Use of telecommunications/information and communication technologies to bridge the digital divide and build an inclusive information society**

**176 - Measurement and assessment concerns related to human exposure to electromagnetic fields**

**177 - Conformance and interoperability**

**180 - Facilitating the transition from IPv4 to IPv6**

186 - Strengthening the role of ITU with regard to transparency and confidence-building measures in outer space activities

188 - Combating counterfeit telecommunication/information and communication technology devices

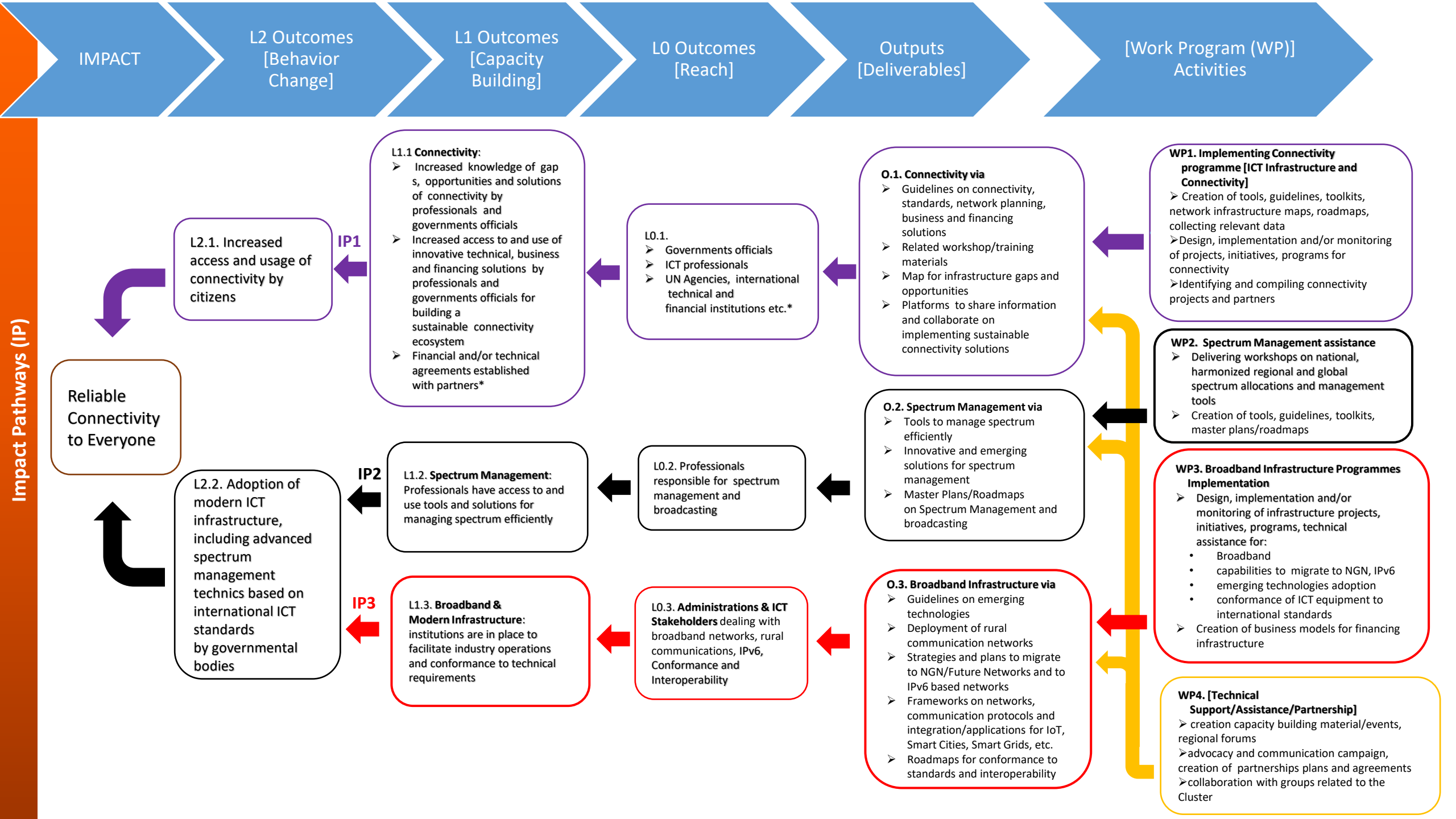
189 - Assisting Member States to combat and deter mobile device theft

**197 - Facilitating the Internet of Things and smart sustainable cities and communities**

201 - Creating an enabling environment for the deployment and use of information and communication technology applications

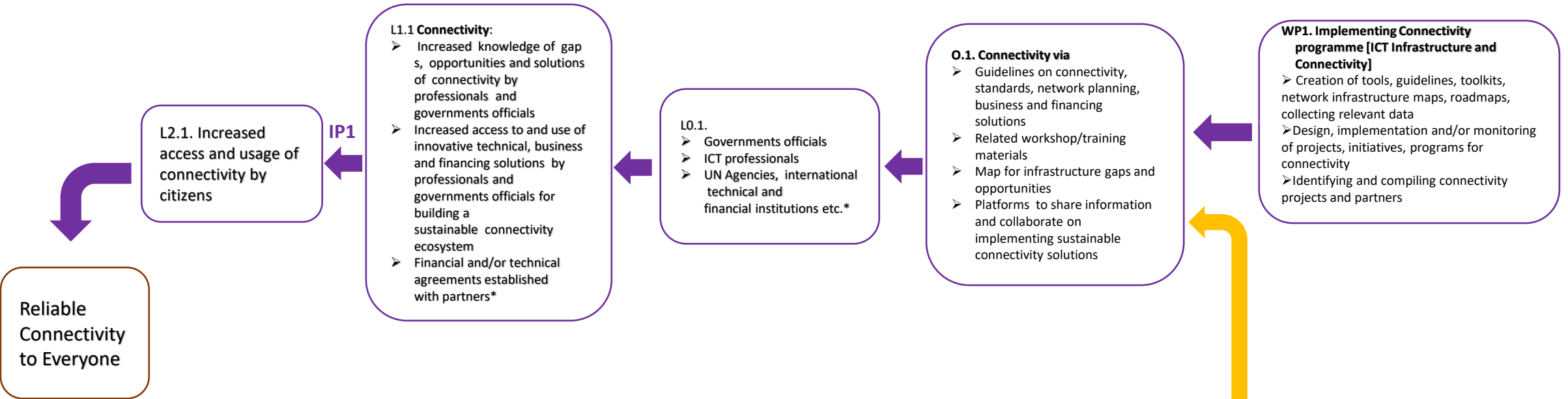
**203 - Connectivity to broadband networks**



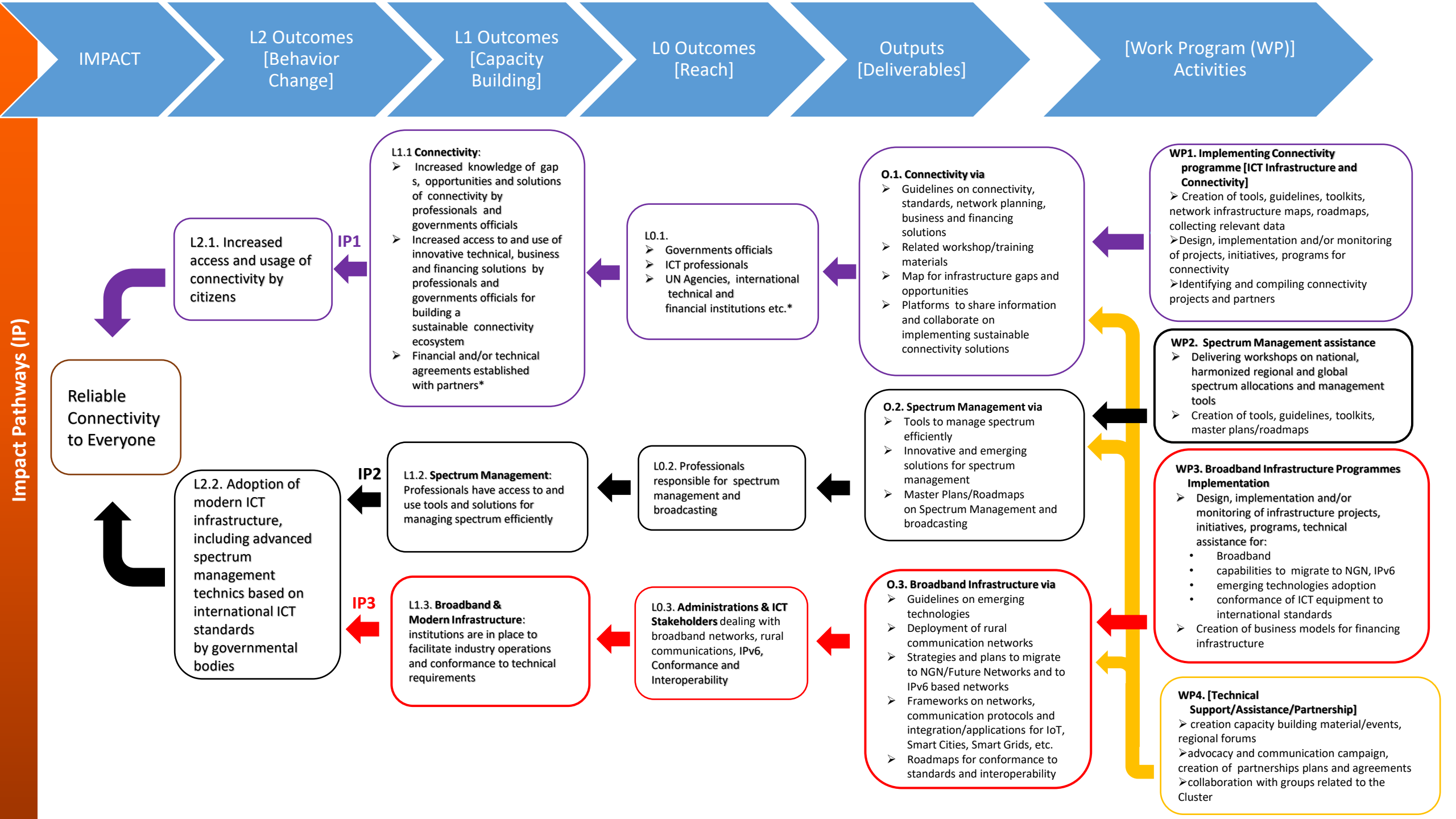




Impact Pathways (IP)



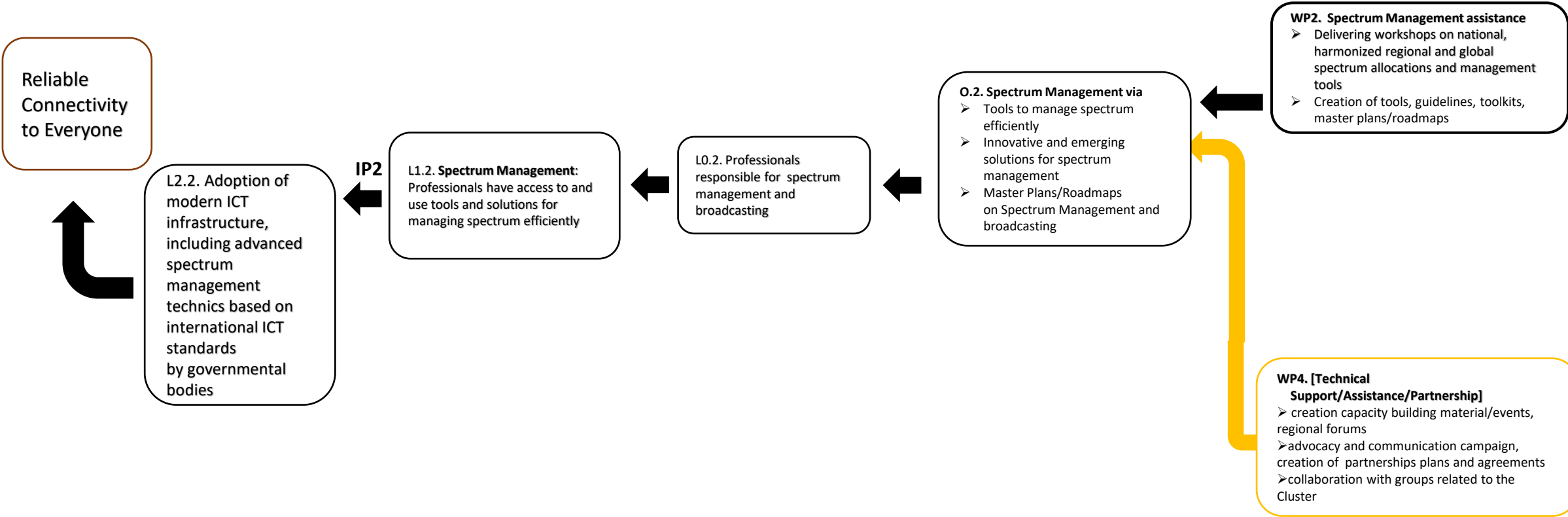
# IP1 Connectivity

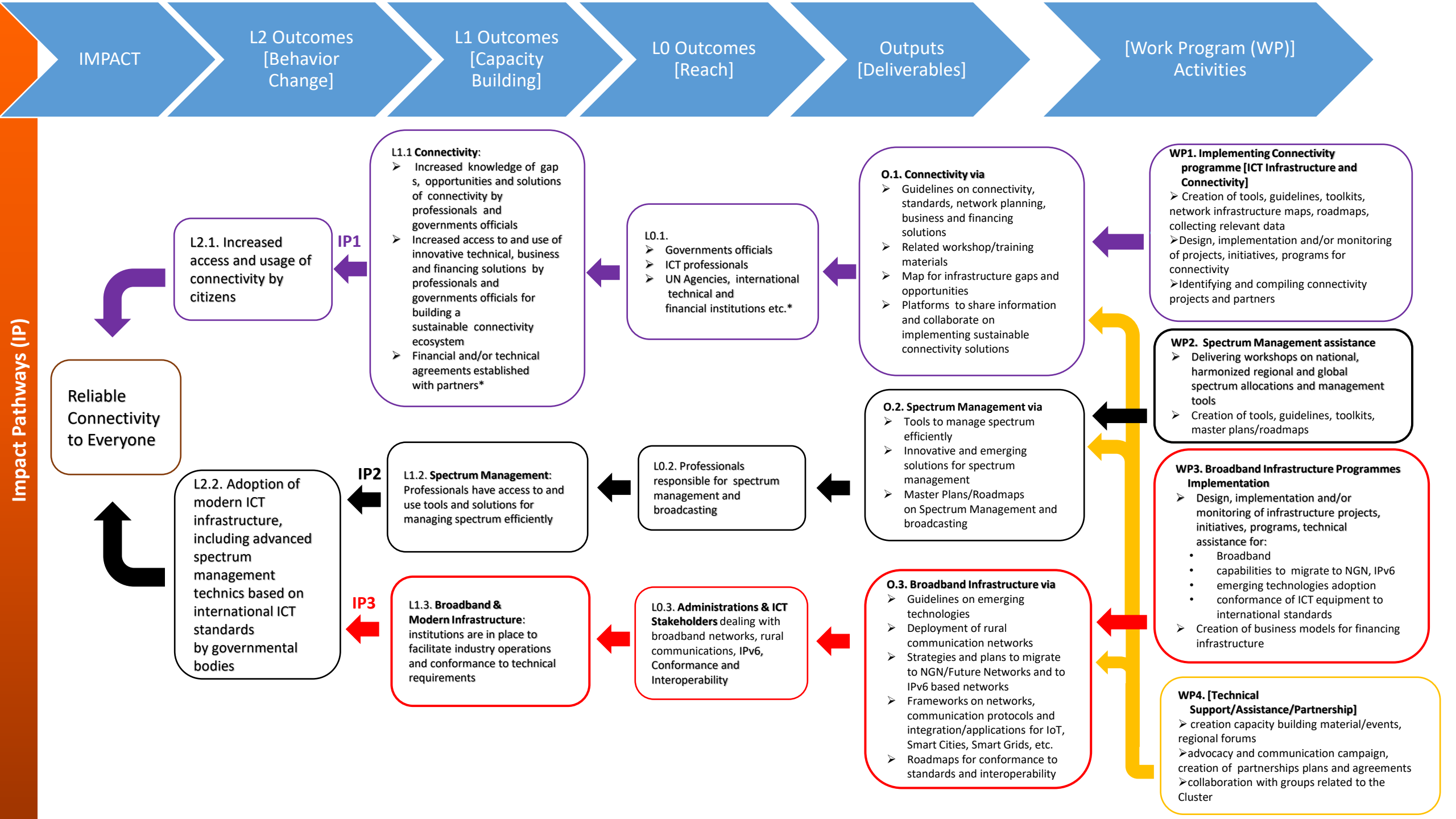




# IP2 Spectrum management

Impact Pathways (IP)



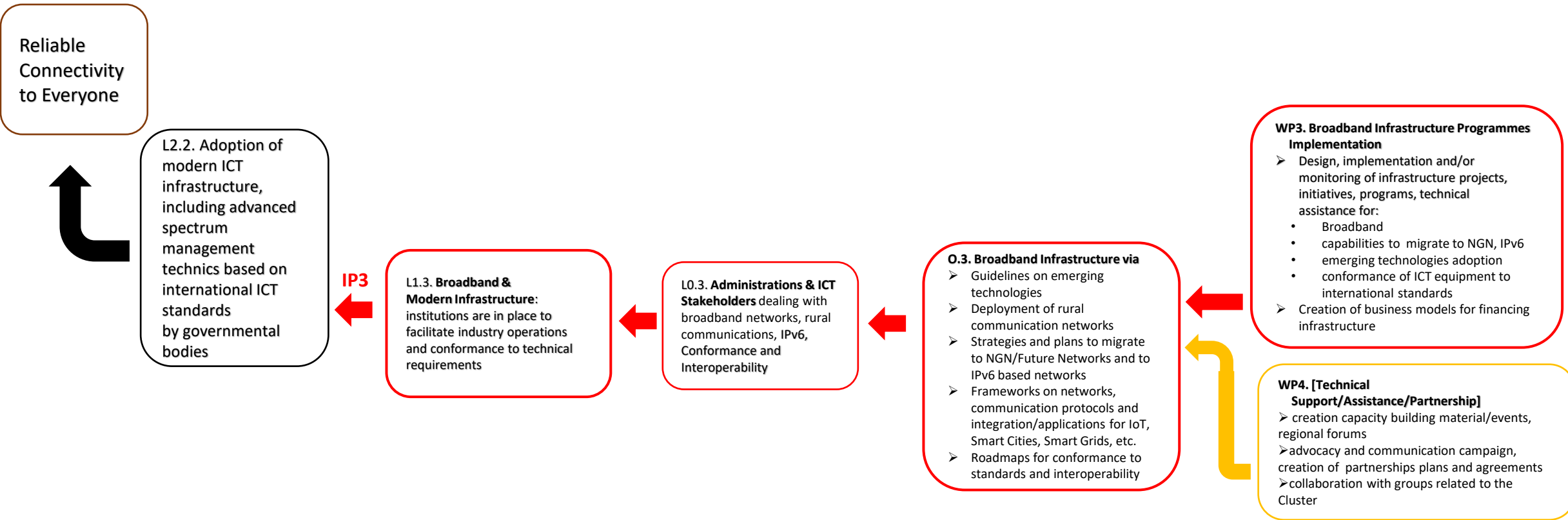






# IP3 modern ICT infrastructure

Impact Pathways (IP)



# Partnership Plan

<b><u>Impact Pathway</u></b>	<b><u>Key Colleagues (Regional/Cluster)</u></b>	<b><u>Donor Govts/ Foundations</u></b>	<b><u>Multilateral Development Banks</u></b>	<b><u>Private Sector</u></b>	<b><u>Civil Society/ Academia</u></b>
1. Increased usage of connectivity	Cluster 1 Focal Points / Relevant Action Managers / BR / SPM	UNICEF / UNESCAP / The Broadband Foundation (Hungary) / Regional Cooperation Council (RCC) / EC / BEREC / HAKOM (Croatia) / UKE (Poland) / AKOS (Slovenia)	European Investment Bank / World Bank	Kacific ESOA Airbus GSMA	Odessa National Academy of Telecom (Ukraine)
2. Efficient spectrum management	Cluster 1 Focal Points / Relevant Action Managers / BR	ATU / APT / EBU / ASMG / CEPT / CITEL / EC / MSIT (Rep. of Korea) / FSUE NIIR (Russia)	CAF (Latin-American Development Bank)	R&S / PITA / GSMA / Huawei	ITU CoE / Forum Global
3. Adoption of modern ICT infrastructure	Cluster 1 Focal Points / Relevant Action Managers / TSB	McCaw Foundation / ISO / IEC / FSUE NIIR (Russia) / Government of Moscow (Russia) / Giprosvjaz (Belarus)	CAF	Rostelecom (Russia) / Beltelecom (Belarus) / VEON (Netherlands)	Malaysia Univ. of Science and Technology / EPFL / St. Petersburg State Univ. of Telecommunications / ITU CoE / TPRA-Sudan

Announcements	Release Date	Target Audience	Key Message
SMS4DC version 5.2	Q2 (May/June)	Government officials / regulators / industries	With the help of the updated version of the software radio frequencies for wireless communication can be used more efficiently without interference in a country/countries  Useful for allocating frequency bands, authorizing and recording frequency use, invoicing
Mapping Broadband Networks	Q2 – Video published Q3 – Blog Q4 – Printed maps Q2- Invitation to collaborate/share data	Government officials / Regulators	1. ICT Infrastructure gap identification & Investment opportunity tool for regulators and investors. Promoting ICT infrastructure deployment for reliable Broadband.  2. COVID-19 Response: relevance of access to telecom. Data sharing of ICT infrastructure in place
Last Mile Connectivity Toolkit comprising <ul style="list-style-type: none"> <li>LMC solutions guide</li> <li>LMC software tools</li> <li>LMC capacity building materials</li> </ul>	- June 2020 - June – October - September 2020	1. Government officials 2. ICT professionals 3. UN agencies, International technical and financial organizations	The toolkit provides guidelines, software tools and capacity building to support members to plan, design and implement last mile connectivity solutions in order to ensure affordability and accessibility to relevant connectivity services and to close the connectivity gap. <b>A special version for GIGA is under development</b>
Sustainable and Innovative Power Solutions for Broadband Connectivity in Rural Areas	Q3	1. Government officials/ Regulators/Academia  2. Telecom Operator and ISPs	The Report will be helpful for the design, plan and implementation of broadband networks for Rural Areas  Professionals and Authorities can use this report for fundraising policy and sustainability business models to connect rural areas

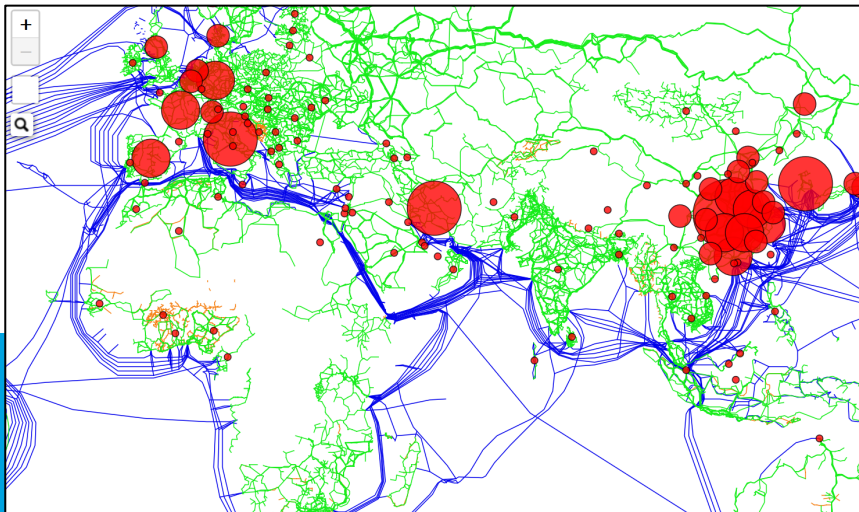
# Top Announcements

# Impact Stories

## BBMap



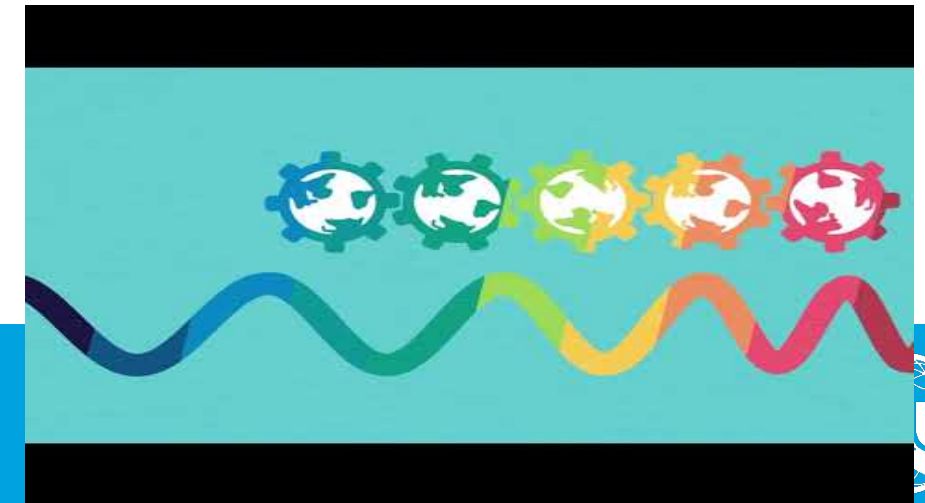
## ICT Infrastructure vs COVID-19



## ICT Business Planning



## PRIDA



# Impact Stories

## *Meaningful Broadband Infrastructure*

- 1) Broadband WiMax in BURUNDI: **437 Schools, Hospitals and Individuals** connected
- 2) 4G Mobile WiMax Broadband in DJIBOUTI: **116 Schools (48), Hospitals (45) and/or Government Ministries/institutions (23)** are connected and operational as of March 2020).
- 3) 4G LTE Broadband Mobile Network in **20 localities in Rural Areas** of the Eswatini kingdom





# Covid-19 Related Actions

## BDT Thematic Priority Overview

Planned Activity/ies	Planned Output/s	Repurposed Activity/ies	Repurposed Output/s	Outcome/s
Emerging technologies workshops in AFR and ARB region	Workshops (face-to-face)	Developing guidelines, training/workshop materials Running online webinar If possible, on-site workshops	Guidelines, training materials, Online workshop Face-to-face workshop	Wider Reach to Stakeholders
Regional Radiocommunication Seminar for Europe & CIS	Seminar (face-to-face)	Running online seminar Spectrum policy assistance to Albania and Moldova	- Online seminar - Revised spectrum management policy for the two countries	Increased knowledge on spectrum management and spectrum management policy
5G workshop and Guidelines, ASP	Workshop (face-to-face) and Guideline for discussion there	Prepare a White Paper on 5G implementation in ASP (in cooperation with Huawei)	Case study and presentation	Release in Regulators Roundtable ( GSR+) in Q3
ICT Business Planning Toolkit Trainings for AFR (Guinea-Bissau) and AMS (Peru)	Two face-to-face training events (AFR-Guinea-Bissau; AMS-Peru) on the ICT Business Planning Toolkit use.	Production of an open on-line training to all regions with video and instructional procedures using ITU Academy MOOC platform	On-line training event on the ICT Business Planning Toolkit use open to participants in all 6 regions.	90 educated participants on the ICT Business Planning Toolkit usage (15 participants/Region)

THANK YOU VERY MUCH!

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## 3rd Round of TDAG Web Dialogues

12 May 2020, Online

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1300-1315 **Welcoming Remarks**

1315-1350 **RMB Case for Change**

1350-1430 **Thematic Priority Example - Environment**

1430-1550 **Overviews of Thematic Priorities**

1550-1600 **Wrap Up**





## 3rd Round of TDAG Web Dialogues

12 May 2020, Online

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Thank you for your participation!

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