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Director, Telecommunication Development Bureau

**PRESENTATION FOR THE INFORMAL SESSION
ON REGIONAL INITIATIVES FOR AFRICA**

Summary:

This document contains the presentation used during the Informal Session on Regional Initiatives for Africa, that took place during TDAG-19, on 3 April 2019.

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The ITU Africa Regional Initiatives: boosting development through technology

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1 Boosting digital economies



Digital Economies

- Facilitate ICT-based innovation to foster inclusive socio-economic development in Africa. Projects will
 - Support the development of countries' strategies for the digital economy
 - promote enabling policies and regulations to facilitate ICT-based innovation.
- Key projects include
- Digital Health for Africa
 - Using digital services to accelerate the attainment of food security SDGs
 - Digital Identity to spur development of African digital economy.

AFRICA REGION

RI No.	Project Title	Implementation Year(s)	ITU Contribution	External contribution	Partners (Potential)
AFR RI 1: Building digital economies and fostering innovation in Africa					AMS5, ARB5, EUR5
	PROJECT 1- Development of digital economies and digital inclusion in countries of the Africa region	2019-2021	150,000	230,000	AfDB, UNECA and Member States
	PROJECT 2- Innovation ecosystems, capacity building and manufacturing ICT goods in Africa	2018-2021	75,000	205,000	UNIDO; UNCTAD
	PROJECT 3- Using digital health services to accelerate the attainment of health SDGs in the Africa region	2018-2019	150,000	340,000	WHO, USAID, Digital Square, Spider, Path
		2018-2022	450,000	8,115,000	
	PROJECT 4 - Using digital services to accelerate the attainment of food security SDGs in the Africa region	2019-2020	50,000	100,000	FAO, WFP
	PROJECT 5 – Addressing interoperability challenges arising from disruption due to digital innovations	2018-2021	50,000	100,000	-Member States -Partners to be identified
	New: Project 6 – Digital Identity to spur development of Africa Digital Economy	2019-2021	100,000	500,000	-Member States -UNECA -AU Development Agency (NEPAD) -Other Partners to be identified

2. Promoting emerging broadband technologies

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Broadband

- In Africa, active mobile broadband subscriptions went from almost 2% in 2010 to almost 30 % in 2018.
- Most countries in Africa have deployed fiber-optic and mobile technologies
- broadband plans and guidelines
- partnerships to stimulate growth in broadband connectivity
- in some countries there are still significant segments of the population without access to broadband technologies.

AFR RI 2						
Regional initiative AFR 2 - Promotion of emerging broadband technologies						AMS3, ARB4, ASP3, CIS3&5, EUR1
	PROJECT 1 - Broadband plan ¹ for universal and affordable connectivity and access	2019-2021	60,000	120,400	Huawei; China; Universal access funds and beneficiary governments.	
	PROJECT 2 -High-speed,high quality and cost-effective broadband connectivity and access	2019-2021	50,000	145,000	- Huawei; China; -Beneficiary country	
	PROJECT 3 -National and regional Internet exchange points to support high-speed, high- quality broadband connectivity and access	2018-2021	50,000	70,000	-Beneficiary country - Partners to be identified	

3. Trust and Security in the use of ICT are fundamental



Security & Confidence

- Trust and security are essential.
- Enhance security, ensure interoperability
- protect data and people.

Proposed projects include supporting countries in the Region to

- establish computer emergency response teams,
- revise the ITU cybersecurity toolkit
- develop guidelines to protect privacy and personal data.

AFR RI 3

Regional initiative 3 -Building trust and security in the use of telecommunications/information and communication technology ARB2, ASP5, EUR4

	PROJECT 1 –Establishment of national, subregional and regional CIRTs	2018- 2020	120,000	350,000	- Universal service funds. - Bilateral and multilateral donors.	
	PROJECT 2 -Revision of ITU cybersecurity toolkit and facilitation of its implementation by Member States	2018-2019	40,000	40,000	To be identified	
	PROJECT 3 - Development of guidelines for the protection of privacy and personal data	2018-2019	60,000	80,000	Donors and beneficiary countries	
	PROJECT 4 - Annual assessments of the ITU Global Cybersecurity Index (GCI)	2018-2019	30,000	100,000	To be identified	

4. Strengthening human and institutional capacity



Capacity

- Training for the judiciary
- Online courses and distance learning
- Camps and mainstreamed programmes to spark African girls' interest in ICTs as a career path
- Improved connectivity in and among centers of excellence
- Boosting decent jobs for Youth in Africa's Digital Economy
- Regional and national centers dedicated to the development of ICT training tools for people with disabilities and other specific needs

AFR RI 4 Regional initiative 4 -Strengthening human and institutional capacity building						
	PROJECT 1 - Training for the Judiciary and Legislature	2019-2021	100,000 OP	300,000	Burkina Faso, Tanzania, Lesotho, UNDP	
	PROGRAMME: Boosting decent jobs for youth in Africa’s digital economy	2019-2022	1,000,000	19,000,000	ILO, AfDB, UNDP, South Africa ²	
	PROJECT 2 –African “Girls can Code” Initiative ³	2018-2019	150,000	1,500,000	EQUALS; UN Women Danish Embassy	AMS4, ASP1,2 CIS2, EUR2
		2020-2021	150,000	5,700,000	DFID, BADEA	
	PROJECT 3 - Centre of Excellence online connectivity and peering and development/adoption Of ICT labs for training in Africa	2019-2022	500,000	2,000,000	- WACREN, UBUNTUNET Alliance, - AFDB, GSMA, NEPAD, -ill & Melinda Gates, Dangote, Tony Elumelu Foundation	
	PROJECT 4 - Development of ICT Smart Incubators for start-ups in Africa	2019-2022	100,000	1,400,000	UNIDO, UNDP, UNCTAD, Leading Universities	
	PROJECT 5 - Promotion of digital inclusion and ICT accessibility in Africa	2019-2022	150,000	750,000	UNDP USO	AMS4, ASP1,2 CIS2, EUR3
	PROJECT 6 – ITU-UNHCR Digital Inclusion for Refugees in Africa	2019-2023	\$2,000,000	18,000,000	UNHCR, TBD	AMS4, ASP1,2

5. Managing the radio-frequency spectrum

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Spectrum

- Deadline for the migration from analogue to digital terrestrial television (DTT) passed in 2015.
- Ensuring the A/D transition and efficient and economical management of the radio spectrum and orbital resources.
- Create the necessary awareness among African countries
- Conformity of DTT receivers entering the African markets conform to the subregional standards,
- adopt common technical standards for the region,
- developing homegrown solutions in the manufacture and assembly of DTT equipment. ITU will also assist countries in the region to improve crossborder frequency coordination.

AFR RI 5 Regional initiative 5 - Management and monitoring of the radio-frequency spectrum and transition to digital broadcasting						AMS2, EUR1, ASP4
PROJECT 1 - High-level Awareness Campaign on the need and benefits of A/D	2019-2020	40,000	140,000	PRIDA Spectrum Global		
PROJECT 2 – Equipment type approval for regional and national labs	2019-2021	100,000	2,000,000	Ghana; Beneficiary Countries Partners TBD		
PROJECT 3 - Spectrum planning and refarming ⁴	2019- 2021	500,000	4,500,000	PRIDA Beneficiary countries		
PROJECT 4 – Development of business plan for manufacture or assembly of television equipment (TV sets, set-top boxes, etc.) in the region	2018-2020	50,000	130,000	Beneficiary Countries Partners to be identified		
PROJECT 5 -Regional cross-border frequency coordination ⁵	2019-2021	500,000	5,000,000			

Where do we go from here?



Partnership
for Success

Investment
In Projects

Championship

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**THANK YOU!
ANY QUESTIONS?**

