For information: www.cto.int/events/upcoming-events/ict-invest-forum-2017

commonwealth ICTInvest '17
10 - 12 APRIL 2017, DIFC, DUBAI, UNITED ARAB EMIRATES

partnerships to connect the next billion

Event guide

ICTs for socio-economic development
National development plans and the role of ICTs
Financing by multilateral donors and development banks
Role of commercial lenders in financing ICTs
Leveraging investment funds to finance ICTs
Role of venture capital
Creating innovative financing packages

#CTOICTinvest

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Dear participants,

It is my great pleasure to welcome you to the first Commonwealth ICT Investment Forum 2017, taking place in this beautiful city of Dubai. I am indeed grateful to the government of the United Arab Emirates for their readiness to accept the hosting of this important event. My special appreciation goes to His Excellency Hamad Obaid Al Mansoori, Director-General, Telecommunications Regulatory Authority, United Arab Emirates for his useful advice and support in organising this programme.

I also wish to thank the participants that have committed to travel from across the Commonwealth of Nations and beyond. Your presence here confirms your interest in finding solutions to the investment gaps that continue to restrict access to the Internet to merely half of the world’s population.

I very much hope that you find the event useful and that you also find some time to visit Dubai before you leave.

Shola Taylor
Secretary-General
Commonwealth Telecommunications Organisation

Dear delegates,

I am pleased to welcome you here in Dubai, the city that embodies the aspiration of climbing towards a better world relying on ICT, innovation and creativity. I feel honoured to be part of the Commonwealth ICT Investment Forum 2017, the outstanding global event that brings together distinguished stakeholders from various parts of the world to showcase a wide range of projects and ideas all targeted at developing the ICT sector to broaden the potential for a sustainable development and human welfare.

His Excellency Hamad Obaid Al Mansoori
Director-General
Telecommunications Regulatory Authority (TRA), United Arab Emirates

Join us in the Pacific!
Register today!
www.cto.int
**REGISTRATION**
08:30 - 09:00
08:30  Registration and morning refreshments

**OPENING CEREMONY**
09:00 - 10:00
09:00  Master of Ceremony
Robert Hayman, Manager, Events, Commonwealth Telecommunications Organisation

09:05  Goodwill message
Gilbert Peterson, Chairman, Telecommunications Authority of Trinidad & Tobago (TATT) and Chairman of CTO Council

09:15  Keynote address: Headlines for the new conversations in the smart age - From OTTs to TTOs
Osman Sultan, Chief Executive Officer, du, United Arab Emirates

09:30  Investing in a changing ICT environment: Challenges and partnership opportunities
Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation

09:40  Signing ceremony of host country agreement for the Broadband Pacific Forum 2017
Honourable Afamasaga Rico Tupa'i, Minister of Communication and Information Technology, Samoa

09:50  Official opening of the Commonwealth ICT Investment Forum for Emerging Markets 2017
His Excellency Hamad Obaid Al Mansoori, Director-General, Telecommunications Regulatory Authority, United Arab Emirates

**SESSION ONE: LEADERS SESSION**
INVESTING IN ICTS TO MEET THE SDGS
10:30 - 11:40

Chair: Gilbert Peterson, Chairman, Telecommunications Authority of Trinidad & Tobago and Chairman of CTO Council

10:30  Investing in ICT to meet the sustainable development goals
Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation

10:40  Panel discussion
Honourable Afamasaga Rico Tupa'i, Minister of Communication and Information Technology, Samoa
Professor Umar Danbatta, Chief Executive/Executive Vice-Chairman, Nigerian Communications Commission (NCC)
Lumko Caesario Mtimde, Chief Executive Officer, Sentech, South Africa
Erik Essiger, Chairman & Chief Executive Officer, Emirates Capital, United Arab Emirates

**SESSION TWO: REGULATING TO ATTRACT INVESTMENT AND STIMULATE BUSINESS CONFIDENCE IN FUTURE TECHNOLOGY**
11:40 - 12:30

Chair: Randol Dorsett, Chairman, Utilities Regulation & Competition Authority, Bahamas

11:40  Keynote address - The future of regulations in a continuously disruptive technological environment
Robert William Middlehurst, Vice-President, International Regulatory Affairs, Etisalat, United Arab Emirates

**SESSION THREE: PROJECT SHOWCASE**
14:00 - 15:30

Chair: Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation

Featuring pre-evaluated presentations showcasing national projects, the session will start with an overview presentation of investment opportunities in the ICT sector within the Commonwealth and beyond.

Projects to be presented in the following categories:
- ICT infrastructure opportunities to address the ICT access gaps - submarine cables, terrestrial and satellite infrastructure
- New opportunities in the changing digital broadcasting landscape
- Spectrum auction opportunities
- Start-ups and ICT incubators
- Capacity building opportunities
- Cybersecurity, data protection and privacy
- Opportunities for new service provision licenses

**SESSION FOUR: INNOVATIVE INVESTMENT MECHANISMS & PARTNERSHIPS TO FUND ICT INVESTMENT PROJECTS**
16:00 - 17:00

Chair: Professor Umar Danbatta, Chief Executive/Executive Vice-Chairman, Nigerian Communications Commission

Infrastructure investments in emerging markets
Nilmini Rubin, Vice-President, Tetra Tech, United States of America

Panel discussion
Catherine Ngahu, Chairperson of the Universal Service Advisory Council, Communications Authority of Kenya (CA)
Abdullah Alozaini, Chief Executive Officer, Taqnia Space, Saudi Arabia
Lumko Caesario Mtimde, Chief Executive Officer, Universal Service and Access Agency of South Africa
Haaris Mahmood Chaudhry, Chief Financial Officer/Company Secretary, Universal Service Fund Company, Ministry of Information Technology & Telecommunications, Pakistan
Issa Aghabi, Investment Officer, Middle East and North Africa, International Finance Corporation

18:00  WELCOME DINNER - SPONSORED BY DU
VENUE: DIFC CONFERENCE CENTER
SESSION FIVE: THE FUTURE OF TECHNOLOGY IN ADDRESSING THE ACCESS GAPS AND ENHANCING SMART COMMUNITIES
09:00 - 10:15
Chair: Haaris Mahmood Chaudhry, CFO/Company Secretary
Universal Service Fund Company, Ministry of Information Technology & Telecommunication, Pakistan

09:00 From 2G to 5G opportunities and challenges
Dr Mohamed Madkour, Vice-President Wireless Network Marketing & Head of Global Demand Generation, Huawei

09:15 Strategies for enabling smart communities
Devi Annamalai, Head of Division, Legal, Malaysian Communications and Multimedia Commission

09:30 Panel discussion
Farid Faraidooni, Chief Operating Officer, du, United Arab Emirates
Jawad Abbassi, Head of Middle East & North Africa, GSMA

10:15 MORNING REFRESHMENTS

SESSION SIX: GOVERNMENT STRATEGIES FOR STIMULATING ICT DEMAND AND INVESTMENT
10:45 - 12:00
Chair: Catherine Ngahu, Chairperson of the Universal Service Advisory Council, Communications Authority of Kenya

10:45 Keynote address: How can government and the private sector partner to stimulate investment in the ICT sector - A case study of the PPP for the Samoan submarine cable
Honourable Afamasaga Rico Tupa’i, Minister of Communication and Information Technology, Samoa

11:00 Using USF to subsidise broadband
Graham Butler, Chairman, Bitek Global Ltd

11:15 Panel discussion
Lumko Caesario Mtimde, Chief Executive Officer, Universal Service and Access Agency of South Africa
Nilmini Rubin, Vice-President, Tetra Tech, United States of America

SESSION SEVEN: ENABLING INVESTMENTS IN REGIONAL MARKETS
12:00 - 13:15
Chair: Dr Edmund Katiti, Chief Executive Officer, FikiyaTech and Commonwealth Coordinator for WRC-15

12:00 Keynote address: Bridging the infrastructure capital gaps
Dr Ini J Urua, Senior Vice-President (East & Southern Africa), Africa Finance Corporation

12:15 Strategies to develop regional ICT markets
Isaias Barreto Da Rosa, Commissioner for Telecommunications and Information Technologies, Economic Community of West African States (ECOWAS)

12:30 Panel Discussion
Helen Siri Wanki, Telecom Engineer, Telecommunications Regulatory Board, Cameroon
Representative, Stanbic Bank (invited)
### SESSION TEN: FOCUS ON BROADCASTING INVESTMENT OPPORTUNITIES
09:00 - 10:00
Chair: Honourable Monise Lafai, Minister of Communications and Transport, Tuvalu

09:00 Challenges of meeting investment requirements for broadcasting infrastructure for South Africa
Mlamli Booi, Chief Executive Officer, Sentech, South Africa

09:15 Panel discussion
Jean-Pierre Blais, Chairperson & Chief Executive Officer, Canadian Radio-television & Telecommunications Commission

Dr Edmund Katiti, Chief Executive Officer, FikiyaTech and Commonwealth Coordinator for WRC-15

13:30 Rapporteur report: Adoption of communiqué
Dr Edmund Katiti, Chief Executive Officer, FikiyaTech and Commonwealth Coordinator for WRC-15

14:00 Thank you address
Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation

14:10 Official closing
Gilbert Peterson, Chairman, Telecommunications Authority of Trinidad & Tobago and Chairman of CTO Council

14:20 CLOSE OF FORUM

### SESSION ELEVEN: SPECTRUM PRICING OPTIONS AND IMPACT ON INVESTMENT
10:00 - 10:45
Chair: John Prince, Chief Executive Officer, Telecommunications Authority of Trinidad & Tobago

10:00 Panel discussion
Tarig Al Awadhi, Executive Director, Spectrum Affairs, Telecommunications Regulatory Authority, United Arab Emirates and Chairman WRC-12

Ammar Hamadien, Head of Strategic Engagement - Middle East & North Africa, GSMA

Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation

10:45 MORNING REFRESHMENTS

### SESSION TWELVE: INVESTING TO CONNECT THE NEXT BILLION: A VIABLE ROADMAP
11:15 - 12:15
Chair: Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation

Given the increasingly difficult economic climate in many emerging markets, depletion of operator revenues and competing investment needs of governments, this session maps out a viable road-map to connect the next billion.

11:15 Panel discussion
Honourable Monise Lafai, Minister of Communications and Transport, Tuvalu

Honourable Fidelis Forbs, Minister of Transport and Telecommunications, Guinea-Bissau

Randol Dorsett, Chairman, Utilities Regulation & Competition Authority, Bahamas

Jim Paterson, Director of ICT Multilateral Relations, Department Of Telecommunications & Postal Services, South Africa

12:15 NETWORKING LUNCH

### SESSION THIRTEEN: ADOPTION OF COMMUNIQUÉ AND CLOSING CEREMONY
13:30 - 14:20
Master of Ceremony
Robert Hayman, Manager, Events, Commonwealth Telecommunications Organisation

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### CTO UPCOMING EVENTS 2017

**commonwealth ICTRoundTable’17**
24 - 28 APRIL 2017, LONDON, UK

**commonwealth DigitalBroadcasting’17**
Africa
7 - 9 JUNE 2017, ABUJA, NIGERIA

**commonwealth ICTRoundTable’17**
17 - 21 JULY 2017, LONDON, UK

**commonwealth Broadband’17**
Pacific
25 - 27 JULY 2017, TATTE CONVENTION CENTRE, SAMOA

**commonwealth TelecomForum’17**
11 - 15 SEPTEMBER 2017, MAPUTO, MOZAMBIQUE

**commonwealth DigitalBroadcasting’17**
Caribbean
21 - 22 NOVEMBER 2017, TERRA NOVA ALL SUITE, KINGSTON, JAMAICA
Ever since du opened for business in 2006, du have worked hard to enhance and expand the bouquet of services in an industry that is at the heart of economic and social transformation. Bringing people and businesses together is what du does best, offering mobile and fixed telephony, broadband connectivity and IPTV services to people, homes and businesses all over the UAE. Du also provides carrier services, a data hub, Internet exchange facilities and satellite services for broadcasters. So far du has more than 6.5 million mobile customers (almost 50% market share), 555,000 fixed line subscribers, 180,000 home services subscribers and over 70,000 businesses have chosen to use du services. In a survey conducted by ARC Chart, du were named the best mobile broadband network in the Middle East and Africa region in 2012. Du’s annual revenue now exceeds AED ten billion.

Etisalat is the UAE’s leading telecommunications operator and one of the largest corporations in the GCC. Headquartered in Abu Dhabi, UAE, Etisalat serves 11.6 million residential customers and over 300,000 large, medium and small enterprise and government customers in the UAE. As well as establishing several “firsts” over the past four decades, Etisalat has deployed many innovative technologies and services to remain at the leading edge of customer experience.

Tetra Tech is a leading provider of consulting, engineering and technical services. Tetra Tech includes individuals with expertise in science, research, engineering, construction and information technology. Their strength is in collectively providing integrated services. Tetra Tech brings experience developing information and communications technology infrastructure, designing on and off-grid energy infrastructure, supporting policy reforms, providing transaction advice and formulating project finance packages.

The Nigerian Communications Commission is the independent national regulatory authority for the telecommunications industry in Nigeria. The commission is responsible for creating an enabling environment for competition among operators in the industry as well as ensuring the provision of qualitative and efficient telecommunications services throughout the country.

The Telecommunications Authority of Trinidad and Tobago (‘the Authority’) was established in July 2004 by the enactment of the Telecommunications Act 2001 Amended by 17 of 2004 as the independent regulatory body responsible for the transformation of the telecommunications sector from a virtual monopoly to a competitive environment.

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<tr>
<th>DATE</th>
<th>COURSE</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>10 – 15 April</td>
<td>Finance for Non-Finance Managers in Telecommunications</td>
<td>Johannesburg</td>
<td>6 days</td>
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<td>8 – 12 May</td>
<td>Overview: ICT Policy and Regulation</td>
<td>Johannesburg</td>
<td>5 days</td>
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<td>15 – 19 May</td>
<td>Introduction to Big Data Analysis</td>
<td>Johannesburg</td>
<td>5 days</td>
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<td>15 – 19 May</td>
<td>Telecommunications Finance for Non-Finance Managers</td>
<td>Port of Spain</td>
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<tr>
<td>15 – 17 May</td>
<td>Performing a Regulatory Impact Assessment</td>
<td>Abuja</td>
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CTOMembership

Membership & benefits

**Full Country Membership**
Governments of Commonwealth countries

**Affiliate Country Membership**
Governments of non-Commonwealth countries

**ICT Sector Membership**
- National telecommunication and broadcasting regulatory agencies and commissions
- Universal access, IT, cybersecurity and other specialised agencies
- Carriers, fixed/mobile/data network operators, manufacturers and service providers
- Professional membership bodies, industry associations, advocacy groups and other civil society organisations

Benefits include:
- Advisory services in key areas, i.e.:
  - Universal broadband access
  - Cybersecurity
  - Regulatory environments
  - Applications e.g. e-education, e-health, e-agriculture, e-governance
- International treaty preparations e.g. WRC, WTSA, WTDC, WSIS and IGF
- International policy and regulatory benchmarking
- Free conference sponsorship packages
- Free delegate access at CTO conferences
- Attractive discounts on CTO training programmes and consultancy and research services, and much more.
- Exposure among governments, regulators and industry
- Participation at the CTO Council, and eligibility to be elected to the CTO’s Executive Committee
- Access to CTO’s fellowship and attachment programmes
- Listing on the CTO’s membership directory.

**Academia Membership**
Universities/tertiary educational institutions

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