

# ICT Regulation: Understanding The Big Picture Of ICTs

26 – 30 October 2015,  
London, UK



COMMONWEALTH  
TELECOMMUNICATIONS  
ORGANISATION



## Overview

Appointed board members of regulatory agencies often come from different specialist backgrounds, but often with little or no prior experience of ICTs, in order for them to succeed they must fully understand the complexities of ICT regulation in its wider context. It is also paramount for board members to recognise opportunities and challenges that ICT regulation poses within the sector. The Commonwealth Telecommunications Organisation, with its long history of capacity building, is ideally placed to equip these senior decision makers with the know how to deliver on their core responsibilities as board members.

For more information  
about this course, or to  
register, contact us on:  
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**ICT Regulation: Understanding the Big Picture of ICTs for Development  
26 - 30 October 2015: CTO Headquarters, London, United Kingdom**

**Programme**

<b>Sunday 25 October 2015</b>	<b>Delegates arrive in London</b>
<b>Monday 26 October 2015</b>	<b>Setting the ICT4D scene</b>
09.00	<b>Welcome by Hilda Muchando</b> , Deputy Manager, Capacity Development and Training, Commonwealth Telecommunications Organisation
09.15	<b>Icebreaking exercise</b> <i>Identifying participants' backgrounds and key issues to be discussed.</i>  <b>Shola Taylor</b> , Secretary-General, Commonwealth Telecommunications Organisation
09.45	<b>The role of ICTs in development – The big picture</b> <i>This session takes a big picture view of the role of ICTs in development, from their potential contribution to economic growth, to their role in education and health. There is nevertheless much evidence that ICTs as “accelerators” tend to increase existing inequalities in society rather than reduce them, unless very careful policies are in place to ensure that the interests of the poorest and most marginalised are served, which is a key role for regulators.</i>  <b>Shola Taylor</b> , Secretary-General, Commonwealth Telecommunications Organisation
10.15	<b>Universal service and access funds</b> <i>Universal service and access funds are designed to finance access to ICTs by all, particularly people in poor and marginalised communities or underserved areas. While the funds have much to offer, many of them are yet to deliver the expected results due to practical difficulties. This session explores the various arguments for and against these funds, and concludes with a discussion on possible alternative models for achieving universal service and universal access.</i>  <b>Lasantha De Alwis</b> , Director/Head of Operations Department and Corporate Secretary
11.00	Refreshments and networking
11.30	<b>Group exercise: Key ICT4D agendas and challenges faced by participants in their countries</b> <i>This brief session requires participants to highlight what they think are the main ICT4D agendas in their countries, and what are the key challenges that they face in their role in delivering on these agendas. The outcomes will be used to shape the discussions that follow, so as to ensure that the workshop as a whole delivers useful outputs for participants.</i>  <b>Marcel Belingue</b> , Senior Manager, Head of Membership and Communications, Commonwealth Telecommunications Organisation

11.45	<p><b>Influencing global decisions on ICTs – The role of international organisations</b>  <i>This session describes the international frameworks and agendas for ICTs; the key organisations and fora involved (ITU and its treaty conferences WSIS, WCIT, WRC, WTDC; the CTO-led Commonwealth fora; ICANN's GAC; IGF, etc); and behind-the-scene decisions on issues such as spectrum use, standards, or Internet governance. Technical, political and economic drivers are discussed, drawing parallels with other sectors.</i></p> <p><b>Marcel Belingue</b>, Senior Manager, Head of Membership and Communications, Commonwealth Telecommunications Organisation</p>
12.30	Buffet lunch in CTO premises
13.30	<p><b>Internet governance</b>  <i>Governance of Internet requires the collaboration of a range of stakeholders from the public sector, the private sector and civil society. On a global scale the Internet Governance Forum (IGF), established with a mandate of the United Nations, provides a platform for stakeholder consultations on public policy issues pertaining to Internet governance. There are debates about the future of IGF and the direction Internet governance should take, and the engagement of developing countries in these debates is limited due to lack of resources and awareness.</i></p> <p><b>Mark Carvell</b>, Director, Global Internet Governance Policy, Department for Culture, Media and Sports, UK</p>
14.30	<p><b>Cyberspace and the Internet</b>  <i>Cyberspace encompasses the Internet, mobile and fixed-line access, all the networked machine-to-machine communications and other networked communications that are beyond the World Wide Web and the content that runs through it. Cyberspace provides unparallel access, helping to bridge the digital divide while influencing every aspect of economic and social activities. It is expected to grow from the current 2 billion users to 4 billion users by 2020, with the majority of additional users from developing countries. The way cyberspace is leveraged for socio-economic growth and its governance constitute two key challenges for policymakers and regulators.</i></p> <p><b>Transition of IANA Stewardship</b>  <i>Internet Assigned Numbers Authority (IANA) is one of the organisations that coordinate the assignment of technical Internet protocol parameters, allocate Internet numbering resources, and hold the responsibility of root zone management. A process is underway to transition the stewardship of IANA's functions from the U.S. Department of Commerce's National Telecommunications &amp; Information Administration to the global multistakeholder community.</i></p> <p><b>Nigel Hickson</b>, Vice-President - Europe, Internet Corporation for Assigned Names and Numbers</p>
15.15	Refreshments and networking
15.30	<p><b>Domain Name System</b>  <i>In 2012 ICANN started issuing new Generic Top Level Domain names (GTLDs) separately to the Country Code Top Level Domain names (ccTLDs). In view of the implications involved, ICANN conducted an involved process to ensure the fairness and equitability of this process.</i></p> <p><b>Cybersecurity</b>  <i>With the exponential growth of cyberspace, the security of its infrastructure, content</i></p>

	<p><i>and users as well as national interests has become critical. National cyber security strategies enable countries to adopt a comprehensive approach in a manner that maximises resources and impact.</i></p> <p><b>Nigel Hickson</b>, Vice-President - Europe, Internet Corporation for Assigned Names and Numbers</p>
16.30	Close of sessions for the day
18.00	Drinks reception and dinner hosted by the CTO Villagio Restaurant, 206-208 Hammersmith Rd, London W6 7DH
<b>Tuesday 27 October 2015</b>	<b>Overview of ICT policy and regulation</b>
09.00	<p><b>Recap of previous day and introduction to policy issues</b> <i>This short session will enable participants to revisit the learnings of the previous day, setting the stage for the proceedings to follow.</i></p> <p><b>Marcel Belingue</b>, Senior Manager, Head of Membership &amp; Communications, Commonwealth Telecommunications Organisation</p>
09.30	<p><b>Overview of ICT policy and regulation</b> <i>ICT policy and regulation together create an enabling environment for the orderly development of the ICT sector. It is imperative that a positive relationship exists between policymakers and regulators where each party understands and appreciates the role the other plays.</i></p> <p><b>Shola Taylor</b>, Secretary-General, Commonwealth Telecommunications Organisation</p>
10.15	Refreshments and networking
10.45	<p><b>Capacity building and international collaboration: The example of cybersecurity</b> <i>Donors present a very strong funding stream for ICT4D initiatives if the correct approach is adopted. This session will examine the plethora of global initiatives in ICT4D (exemplified by cybersecurity and multiple fora where Internet governance is discussed) and the difficulties this places on how poorer Commonwealth countries have to choose where best to go.</i></p> <p><b>Lara Pace</b>, Knowledge Exchange Manager, The Global Cyber Security Capacity Centre, Oxford University, UK</p>
11.15	<p><b>Cybersecurity regulatory environment</b> <i>Operators require a strong regulatory environment in cybersecurity which is applicable across borders and facilitates the growth of the ICT sector.</i></p> <p><b>Stephen Hermanson</b>, Group Cyber Security Manager, Group Corporate Security, Vodafone Group Services Ltd, UK</p>
11.45	<p><b>The economics of regulation and options for action</b> <i>Participants will be provided with an overview of the economics of regulation, including the economic rationale for regulation as against legal/technical/political issues.</i></p>

	<p><i>An overview of the core principles of economic and anti-trust regulations will be discussed with a focus on network access, pricing, and tariff setting in the current converging landscape.</i></p> <p><b>Dr Windfred Mfuh</b>, Telecoms Regulatory and Engineering Consultant and Postgraduate Programme Director, Institute of Applied Entrepreneurship, Coventry University, UK</p>
12.45	Buffet lunch in CTO premises
13.45	<p><b>BBC regulatory context and policy issues</b> <i>Participants will be provided with a summary of BBC regulatory concerns as distribution policies change. This session will also discuss how the BBC (and other PSBs) are regulated, content distribution, and spectrum &amp; the digital dividend.</i></p> <p><b>Daniel Wilson</b>, Head of UK Policy, BBC</p>
14.15	<p><b>Numbering as a public good and a key revenue generator</b> <i>An overview of telecoms numbering in the convergence or Smart Devices era with a focus on customer choice and revenue generation.</i></p> <p><b>Dr Windfred Mfuh</b>, Telecoms Regulatory and Engineering Consultant and Postgraduate Programme Director, Institute of Applied Entrepreneurship, Coventry University, UK</p>
14.45	<p><b>Issues of inclusivity in the digital economy</b> <i>A review of the new evidence of the economic impact on e-commerce and discussion on unlocking the e-commerce potential for developing countries.</i></p> <p><b>Dr Harsha Liyanage</b>, Director, eNovation4D Ltd, UK</p>
15.25	Refreshments and networking
15.55	<p><b>Consumer interests</b> <i>In a highly competitive and fast-moving environment such as the ICT sector, minimising liability while maximising profitability and shareholder value often takes precedence on consumer interests. This session reviews the rationale for consumer protection in different market scenarios. Quality of service, consumer complaints, unfair practices, and network performance are discussed. Policy solutions for a fair and competitive environment in relation to consumers are also reviewed.</i></p> <p><b>Marcel Belingue</b>, Senior Manager, Head of Membership and Communications, Commonwealth Telecommunications Organisation</p>
16.55	Close of sessions for the day
<b>Wednesday 28 October 2015</b>	<b>Views from the private sector</b>
09.00	<p><b>Recap of the previous day</b> <i>This short session will enable participants to revisit the learnings of the previous days and understand how they apply to their own settings</i></p> <p><b>Martin Koyabe</b>, Manager, Research and Consultancy, Commonwealth Telecommunications Organisation</p>

09.30	<p><b>Mobile money</b> <i>Mobile money services is one of the fastest growing and most popular value added services. As well as helping to formalise a segment of informal economic sector. Moreover, the mobile money industry is now expanding from simple money transfer services to innovative services such as loans and insurance.</i></p> <p><b>Felix Kamenga</b>, Director for Mobile Financial Services (MFS) Business Development, Millicom Services Ltd, UK</p>
10.30	Refreshments and networking
11.00	<p><b>Postal regulation</b></p> <p><b>Steve Hannon</b>, Non-Executive Director with Guernsey Post and Chief Executive of Postal and Logistics Consulting Worldwide (PLCWW), UK</p>
12.00	<p><b>Virtual currencies</b> <i>Virtual currencies transcend borders and are not subject to a central regulatory authority. It is estimated that today the value of Bitcoins, the most popular form of virtual currency in circulation, exceeds US\$ 4 billion. Drachmae Money has been running a Proof of Concept on the Island of Agistri combining mobile money and block chain technology. This short session will examine how the base layer platform is currently being used by the Namibian Post Office and has been adapted for block chain functionalities.</i></p> <p><b>Nick Grove</b>, Director, Drachmae Money, UK</p>
12.40	Buffet lunch in CTO premises
13.40	<p><b>Roaming – Regulatory interventions and business priorities</b> <i>Some multinational operators have created multi-country networks where the rates for roaming on the same network are only marginally high. In fact there are regulatory considerations to bring down roaming rates.</i></p> <p><b>Ben Wreschner</b>, Head of Regulatory Economics, Vodafone Group Services Ltd, UK</p>
14.20	<p><b>Factors for investment decisions</b> <i>Investing in ICTs require an evaluation different to other forms of investments. Payback period and the financing mechanisms also vary between jurisdictions. Regulators need to be aware of the drivers for investment as it impact on the growth of the sector.</i></p> <p><b>James Fox</b>, Senior Director, Cyber Defense Services, KPMG, UK</p>
15.00	Refreshments and networking
15.30	<p><b>Over-the-top and Pay TV opportunities</b> <i>Everyone from satellite companies to tech players to TV networks are devising ways to make TV programming more attractive to younger viewers who aren't seduced by traditional cable bundles with bloated offerings and bills to match. This short session will examine how operators and content providers are working together to create innovative platforms.</i></p> <p><b>George W. Twumasi</b>, Chief Executive Officer, African Broadcast Network Holdings Ltd, UK</p>

16.10	Close of sessions for the day
<b>Thursday 29 October 2015</b>	<b>Regulation in practice</b> Facilitated by <b>Shola Taylor</b> , Secretary-General, Commonwealth Telecommunications Organisation
08.30	Depart for Ofcom Offices
09.30	<b>Visit to Ofcom</b> <i>Participants will visit Ofcom, UK's electronic communications regulator and meet with key officials for discussions on:</i> <ul style="list-style-type: none"> <li>• Introduction to Ofcom <b>Chris Woolford</b>, Director, International Spectrum Policy, UK</li> <li>• UHF strategy and implementation <b>Brice Le Cannu</b>, Principal Advisor, Spectrum Policy, UK</li> <li>• Coffee Break</li> <li>• Postal USO/Royal Mail Regulation Review <b>Chris Rowsell</b>, Director, Competition Policy, UK</li> <li>• The relationship between the Board and the Executive <b>Graham Howell</b>, Secretary to the Corporation, UK</li> </ul>
12.45	Lunch at Ofcom offices
13.45	Depart for CTO Headquarters
14.45	<b>A mobile first/cloud first world and secure cloud</b> <i>Cloud services offer a low capital cost operational model. However issues of security need to be addressed by industry. Regulators could play a significant role in reassuring the users.</i>  <b>Stuart Aston</b> , National Security Director, Microsoft, UK
15.45	Refreshments and networking
16.00	<b>Corporate social responsibility</b> <i>Looking at an industry in a country from a "Corporate Social Responsibility" point of view is a way of opening to an ecosystemic vision that changes the perspectives and helps reach a broader view on issues, challenges and solutions. This session discusses how Stakeholders dialogue can help the telecom sector to better understand the development issues linking the industry and a country.</i>  <b>Eleanor Sarpong</b> , Former Senior Manager, Regulatory Affairs, MTN Ghana
16.40	Where to find out more, keeping in touch, alumni network and certificates
17.00	Close of sessions for the day

<b>Friday 30 October 2015</b>	<b>Visit to BT and tour</b>  Facilitated by <b>Shola Taylor</b> , Secretary-General, Commonwealth Telecommunications Organisation
08.30	Depart for BT offices
09.30	<b>Visit to BT</b> <i>A team of high level BT executives will present BT's approach to key regulatory interventions in the context of its plans for the future. Key topics include:</i> <ul style="list-style-type: none"> <li>• Functional Separation: rationale, modalities and benefits</li> <li>• Superfast fixed broadband deployment: organisation of government/industry collaboration in UK</li> <li>• Focus of BT's non-UK business and its regulatory priorities</li> </ul> <p><b>Alex Tomb</b>, Director of Global Regulatory Affairs, BT Global Services, UK <b>Matt Cherry</b>, Head of UK Regulatory Policy, BT Group, UK <b>Garry Miller</b>, Head of UK Public Policy, BT Group, UK</p>
13.00	Close of workshop and lunch at BT Centre
14.30	Depart for sight-seeing tour of Central London

### ICT Regulation: Understanding the Big Picture of ICTs

A five-day course designed for newly appointed board members and senior officials from ICT and telecommunications regulatory organisations for the implementation and management of ICT policy.

#### Key features of the course are:

- It is delivered by leading experts with real practical knowledge of telecommunications regulation;
- It is highly interactive and delivered in a supportive atmosphere, enabling participants to ask the questions that they really want to have answers to;
- It includes visits to relevant organisations and companies in the UK;
- Flexible course content can be adapted to the needs of participating organisations; and
- Participants become part of an alumni network that has been specially created for delegates on the programme, through which they can continue to discuss aspects of regulation with their peers.

#### By participating in the course, delegates will gain:

- Understanding of the wider context of ICT for Development within which telecommunications regulation operates;
- Understanding of the main issues facing Boards of Telecommunications Regulatory Authorities, and the choices that they will have to make;
- Knowledge of the sources of information available to assist them;
- Opportunity to share experiences of challenges faced by members of Boards in other Commonwealth countries and beyond; and
- Becoming a member of the CTO's regulatory board alumni network



## Facilitator Profiles



**Shola Taylor**

**Shola Taylor** is the Secretary-General for Commonwealth Telecommunications Organisation. A Nigerian citizen, Mr Taylor is currently the chief executive officer of Kemilinks International, a global ICT consultancy firm based in Lagos. A telecommunications engineer by training, he has over 35 years of global experience in ICTs with government and the private sector. Previous positions held include regional director for Africa at Inmarsat (1994 – 1999), space technology coordinator for developing countries at the International Telecommunication Union (ITU, 1993 – 1994) and project director, also at the ITU (1987 – 1993). Twice elected as a member of the ITU's Radio Regulations Board (vice-chair in 2004, and chair in 2005), Mr Taylor has a rich inside knowledge of international organisations. Early in his career, he worked in telecommunication engineering, including as senior engineer at Nigerian Telecommunications (1981 – 1985) and spectrum engineer at Intelsat (1985 – 1987).



**Lasantha De Alwis**

**Lasantha De Alwis** is the Head of the Operations Department/Corporate Secretary at the CTO, in which capacity he liaises with the CTO member institutions and partner organisations to ensure that members' and partners' priorities are properly reflected across the entire range of CTO activities. This position provides Lasantha with an expert knowledge of the needs and wants of Commonwealth countries. One of his key objectives is to promote inter-Commonwealth cooperation as a mechanism to assist the less developed members of the Commonwealth.

Lasantha has been closely involved in the CTO's engagement in the field of Digital Broadcasting Switchover and also leads the CTO's work on the focus theme of cybersecurity. Lasantha is an Attorney-at-Law and also holds a Masters in Business Administration. He initially spent nine years in the banking sector in Sri Lanka, before joining Sri Lanka Telecom, the leading telecommunications company in Sri Lanka, first as the Head of Legal and then as the Acting Chief Administration Officer. He worked at Sri Lanka Telecom for four years and joined the CTO in 2004.



### **Marcel Belingue**

**Marcel Belingue** is Senior Manager, and Head of Membership and Communications at the CTO, a role he was appointed to in September 2013. Prior to this, he managed CTO's ICT capacity development and training programmes from 2006 to 2013, including the development and delivery of numerous ICT policy and regulation training programmes. He joined the CTO in 2004 as Marketing Communications Manager, after over 8 years in advertising and publishing. Recent related courses include Introduction to ICT Regulation delivered to Ghana's National

Communication Authority in July 2013. Mr Belingue holds a degree in Law (1997) and a Master's degree in International Communications & Development (2002). Mr Belingue speaks English and French.



### **Mark Carvell**

**Mark Carvell** is responsible for Internet governance policy at the Department for Culture, Media and Sport (DCMS) which is a ministry in the UK government. Mark represents the UK Government at the UN Internet Governance Forum (IGF) and is a member of the IGF's Multi-stakeholder Advisory Group (MAG). He is the UK representative on ICANN's Governmental Advisory Committee (GAC) and on the Council of Europe's Steering Committee on Media and the Information Society (CDMSI). He also represents the UK in other multilateral fora on public

policy issues relating to Internet governance including the International Telecommunication Union (ITU).

After graduating from the University of London, Mark joined the UK Government's Department of Trade and Industry (DTI) in 1980 working in the area of corporate affairs. In 1985 he transferred to the independent telecommunications regulator Oftel (now Ofcom) as Private Secretary to the first head of Oftel, the Director General of Telecommunications, Professor Sir Bryan Carsberg. He moved back to the DTI in 1988 to take up an appointment as Private Secretary to Eric Forth, Member of Parliament, and Trade and Industry Minister with responsibility for consumer affairs and telecommunications policy. From 1990 to 1994, Mark worked in trade and investment promotion for the UK government. In 1994 he moved to Fukuoka, Japan, where he taught English for a number of companies including Fujitsu and Toshiba. He moved back to the UK in 1998 to resume his career as a government advisor on ICT policy.



### **Nigel Hickson**

**Nigel Hickson** is Vice President for Europe, Internet Corporation for Assigned Names and Numbers. Nigel works out of the Geneva office as part of the Government Engagement Team. He is responsible for global engagement with IGOs and other International organisations.

Nigel joined ICANN in 2012 and worked until 2014 as the VP for Europe. He joined ICANN from the UK government; where he had served in a number of capacities for just fewer than 30 years. Latterly he had been responsible for a team dealing with international ICT issues; including Internet Governance.



### **Lara Pace**

**Lara Pace** is Knowledge Exchange Manager for the Global Cyber Security Capacity Centre based in the Oxford Martin School, Oxford University and is responsible for the centre's external engagement programme, working with key partners and stakeholders.

In 2010, Lara began working for the Commonwealth in various capacities, working on ICT4D, Internet Governance and Cybercrime and Cyber Security capacity building. She contributed to the establishment and development of the Commonwealth Cybercrime Initiative – a programme designed to assist member countries build capacity to combat Cybercrime through a comprehensive, holistic and sustainable approach premised on the collaboration of over 30 international organisations.

Lara graduated from the Surrey Institute for Art and Design in 2006, in Photography. She has worked in the creative and educational industries in Europe, Africa and Asia.



### **Stephen Hermanson**

**Stephen Hermanson** joined Vodafone Group Corporate Security in December 2014 where he leads on cyber threat assessment, public policy stance, and stakeholder engagement.

He joined Group Corporate Security from commercial management roles in Group Enterprise and previously Group Technology where he specialised in commercial strategy for international interconnect for voice, data and SMS.

Stephen has spent the last 15 years in the telecommunications sector, working with operators and carriers across the world to implement and manage secure and reliable global communications services. Prior to Vodafone Stephen held management positions at mBlox Inc (regulatory compliance) and BT Global Services (product management).

He joined the Royal Navy Reserve in 2001 and was selected for commission and successfully passed the Royal Navy's Admiralty Interview Board in 2004. He deployed in 2012, serving in the UK Maritime Component Command Bahrain.

He was educated in South Africa, and at Birkbeck College University of London, graduating in Information Systems & Management.



#### **Dr Windfred Mfuh**

**Dr. Windfred Mfuh** is an ITU Expert in Strategy, Competition & Regulation, Senior Lecturer in Strategy and Entrepreneurship, Institute of Applied Entrepreneurship, Coventry University, UK, in charge of the management and development of Postgraduate and Executive Programmes. He is also Associate Fellow of Warwick Business School, UK. Windfred has worked with a range of regulatory organisations in various capacities on engineering and management projects for the last 16 years. His latest assignment involves Digital Switchover in Cameroon, change management to achieve 'Delta State beyond oil' strategy in Delta

State Nigeria, complete market analysis and full spectrum valuation/pricing to accommodate 3G and 4G services for the Kingdom of Thailand in collaboration with Chalmers University of Sweden. Previously, Windfred served as Doctoral and then Lead Researcher at the Centre for Management under Regulation, Warwick Business School, University of Warwick (2006 – 2011). He also served in Cameroon's Ministry of Post and Telecoms for 10 years (1993-2003) in various capacities and served on several committees and working groups across Africa in areas as diverse as spectrum engineering, liberalisation, competition policy and general regulation. He also served during those 10 years as Senior Lecturer at the National Advanced School of Posts and Telecommunications.

Windfred holds a PhD in Strategic Management and Policy from the University of Warwick Business School, an MSc in Operational Telecoms, an MEng. in Telecommunications and a BSc in Analytical Sciences.



**Dr. Harsha Liyanage**

**Harsha Liyanage** is Lead Consultant eNovation4D and an ICT4D sector expert with over 20 years' experience in a variety of industries including: wireless, telecentres, start-up social enterprises, multi-stakeholder partnerships, donor relations, social impact assessment, project design and economic sustainability.

Harsha is the Founder of Sarvodaya-Fusion, the ICT4D program of Sarvodaya, Sri Lanka. His long involvement with the grassroots sector has led to consultancy work for many organizations including the UN, IDRC and many other International Development Organizations. Since 2010, Harsha has founded eNovation4D Ltd. UK based small consultancy company, with the objective to disseminate the ICT4D expertise between the Global South and Global West.

The latest work involves providing consultancy services to Telecom companies in Sri Lanka, Development organizations in Ethiopia, Government of Rwanda, and also to International development organizations based in Europe.

He has been an invited speaker to many global conferences including World Summit of Information Society. Harsha had been a Visiting Research Fellow to IDRC, Canada (2007 / 2008), and elected South Asia Regional Coordinator for GKP (Global Knowledge Partnership) (2006 / 2008). He has published the eBook 'Sustainability First'.



**Dr. Martin Koyabe**

**Martin Koyabe** is Head of Research and Consultancy division at the Commonwealth Telecommunication Organisation (CTO). He has extensive experience working in the telecoms sector and academia on ICT research and development.

Before joining CTO, Martin was a Senior Researcher/Technical Lead in Information Security with BT, where he worked for over 10 years in various R&D positions within BT Group and BT Technology Services & Operations (TSO). While at BT, he participated and led several ICT research & development projects (both within and outside BT). Part of his achievements involves developing and down-streaming innovative ICT solutions into BT's line of businesses; and designing, prototyping and deploying Information Security solutions for BT customers.

In the last two decades, Martin has worked on numerous technical projects in Africa, Europe and US. He was among the first Internet engineers to pioneer the Full-Internet deployment & connectivity in Kenya in early '90s, while working as the Principal Engineer with African Regional Centre for Computing (ARCC). He is also a technical expert/reviewer for the European Commission

(EC) and has published widely in international journals and conferences, and co-invented several patents.

Martin has a PhD in Communications Engineering from Aberdeen University, UK and an executive education in Service & Managing Innovation from Judge Business School, University of Cambridge, UK.



### **Felix Kamenga**

**Felix Kamenga** is the Director for Mobile Financial Services (MFS) Business Development at Millicom Group. Felix is responsible for evaluating different group-wide MFS business development strategies and initiatives.

Prior to joining Millicom, Felix worked for Vodacom International Group where he held various senior leadership roles at a commercial and technical capacity. He has extensive experience in IT, the development of new products, technologies as well as driving the delivery of new business.

Felix holds an MBA from Washington State University, a Masters in IT from Pretoria University and a Bachelor of Commerce from the University of the Witwatersrand



### **Steve Hannon**

**Steve Hannon** serves as a Non-Executive Director of Guernsey Post Ltd (GPL) and, GPL are the current elected chair Postal Administration of CCPA.

Steve enjoyed a lengthy and distinguished career within Royal Mail. Since then he has not only worked for GPL but also - through his separate Consultancy activities - worked with a number of Postal Regulators including Postcomm, Ofcom, ComReg (the Postal Regulator in the R-o-I) and CA (the Postal Regulator in Kenya). He has also worked on Postal Regulatory issues for the European Commission.



**Ben Wreschner**

**Ben Wreschner** has been head of Regulatory Economics for the Vodafone Group since February 2011. Prior to joining Vodafone Ben qualified as a Chartered Accountant with PricewaterhouseCoopers in 1999 and then joined the PwC telecoms consulting practice. Ben passed the Certified Financial Analyst exams (CFA) in 2003. In 2009 Ben joined Ovum's regulatory consulting practice. Ben is an expert in regulatory strategy, market analysis, regulated pricing, cost modelling and regulatory accounting overseeing Vodafone's work in this field across all its territories and having previously advised operators and regulators on such matters in over 25 different countries. Ben has worked extensively in the Brussels policy environment representing Vodafone at key meetings with policy makers (European Commission, European Parliament, European Council, BEREC) and industry bodies (GSMA, ECTA). Ben holds a BSc (Econ) from the London School of Economics.



**James Fox**

**James Fox** is Senior Director at KPMG's Cyber Security practice where he leads the Cyber Defense Services function encompassing Incident Response, Threat Intelligence, Security Architecture and Security Testing.



**George Twumasi**

**George Twumasi** has been a key player in advising African broadcasters on commercial strategy and content creation for the last 10 years and is a regular key note speaker at industry strategy symposiums. He is the Founder of ASBC - a low-cost DTH pay-tv platform and OTT television proposition that is supported by a viable cloud based content hub.



### **Chris Woolford**

**Chris Woolford** is Ofcom's Director of International Spectrum Policy where his responsibilities cover the UK's international spectrum interests, especially in relation to the ITU, CEPT and EU. He is a member of Ofcom's Spectrum Executive Team and Strategy Steering Group.

Chris is active in various European spectrum committees and currently represents the UK on the Radio Spectrum Policy Group (RSPG). He has closely engaged for the UK on a number of key European initiatives, including spectrum aspects of the 2009 Framework Review, the development of the Radio Spectrum Policy Programme and the current Connected Continent proposals. Chris led the UK delegation to WRC-12 and is overseeing UK preparations for WRC-15.

Before joining Ofcom, Chris worked in various UK Government Departments, including 6 years at Oftel, where he worked on different aspects of telecommunications regulation. Chris has a degree in mathematics and statistics from Manchester University.



### **Graham Howell**

**Graham Howell** was appointed as Secretary to the Corporation in 2003. Prior to joining Ofcom, Graham worked for HMV Group, where he was Company Secretary and General Counsel. A qualified solicitor, Graham has also held senior positions within the Saatchi and Saatchi group and London Weekend Television.

As Secretary to the Corporation Graham manages Ofcom's Secretariat Records Management and Compliance teams, responsible for ensuring compliance with best-practice in corporate governance and administrative law, and compliance with the Freedom of Information Act.

In his capacity as Director, England, Graham's role is to ensure that the issues of concern in each English Region are properly represented within Ofcom; he also works with the team to regularly visit the English Regions and he has organised a number of Ofcom events around the country. Graham also manages the work of Ofcom's Advisory Committee for England





### **Eleanor Sarpong**

**Eleanor Sarpong** is an ICT & Public Policy professional with a rich 15-year multidisciplinary experience in the private and public sector. Her diverse experience spans telecoms regulatory affairs, stakeholder management, communications, corporate citizenship and reputation management. Until recently she was the Senior Manager for Government and Regulatory Affairs for the multinational company MTN in Ghana. She was also nominated to serve as board member of the Data Protection Commission in Ghana in 2012 after successfully completing a 4-year board term with Ghana's award winning Universal Service Fund, GIFEC.

Prior to her role at MTN she was a project consultant in the UK with the Fair Finance Consortium, (Consortium of Alternative Finance Companies). She's also worked in parallel roles in Social enterprise with the Education for Conservation UK as a Lead project consultant, with Advertising Firm Origin&Saatchi and Saatchi in Ghana as well as the Ghana Wildlife Society.

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