

# The Forum

55

## Ministerial Roundtables

16  
Tuesday

MR01  
10.30-12.00  
Abu Dhabi B

### Women in ICTs

In the words of the UN Secretary-General Ban Ki-moon, equality for women and girls is not only a basic human right, but also a social and economic imperative. Educated, empowered women create productive, strong economies; societies where women are fully represented are more peaceful and stable. ICTs are an essential tool for the social and economic development of women and girls, providing education, promoting literacy, improving access to health care and participation in government and civil society. Women then reinvest in families and communities, multiplying the benefits of investment. How can women and girls at the bottom of the pyramid be connected to ICTs and broadband networks? What best practices are in place for women to be trained in eSkills, set up online businesses and engage meaningfully in social, economic and political activity?

MR02  
14.00-15.00  
Abu Dhabi B

### Barriers to growth: International Access and Taxation

Ensuring universal, sustainable and affordable access to information and communication technologies and services for all global citizens is vital to stimulate socio-economic development, strengthen productivity and share equitably the benefits of globalization. In this context, understanding the role of taxation within the thriving telecommunications sector is critical. How can an appropriate balance be struck between raising revenues and facilitating economic growth through telecommunications, in particular broadband? How does government taxation in the ICT sector vary throughout the world in its scope, model and implementation within wider economic policy? How can the competing interests of operators, consumers and the public sector best be compared and evaluated? Initiatives such as National Broadband Networks do not in themselves ensure affordable and reliable internet access. Securing the international connectivity required to facilitate economic and social growth has become an imperative for many emerging economies, especially those in landlocked nations. Increasing competition in order to lower international backhaul costs, not just for incumbents but for all operators, is a necessary condition for affordable broadband.

MR03  
10.30-12.00  
Abu Dhabi B

### Digital TV Migration

The transition from analogue to digital terrestrial television technology is underway throughout the world. Every region and each country is unique in terms of its current state of broadcasting, development, regulatory and legal framework, economic circumstances, geography and demography. The extent to which the complex process of digital migration has been completed varies considerably from nation to nation, yet the challenges and opportunities remain the same. Digital TV heralds the age of convergence in broadcasting, harnessing new technologies, services and markets, offering better quality and releasing prized spectrum for alternative use. But it also impacts on policies and regulation, requires extensive planning and regional harmonization, and demands initiatives ensuring consumer protection and awareness. How can sharing best practices, case studies and recent experiences reduce the complexity of the process and allow for synergies at regional and international levels?

MR04  
14.00-15.00  
Abu Dhabi B

### Emergency Communications

In 2011 alone, disasters such as the Japanese earthquake or floods in Thailand cost the world upwards of US\$380bn. Emergency ICTs have a critical role to play in the prediction, detection, mitigation and management of disasters, from monitoring environmental change to coordinating the response of humanitarian agencies. Limited connectivity, particularly in remote and rural areas, remains the major challenge to deploying emergency ICTs. How can technical, policy, regulatory and partnership options mitigate the impact of disasters? How could National Emergency Telecommunications Plans, business continuity plans, international cooperation and telecommunications standards impact on socio-economic costs?

This session will benefit from diverse ministerial insights from across the globe.

The Forum

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Big Conversations

# Big Conversations

Tuesday 16<sup>th</sup>

BC01  
09:00-10:00  
Al Mullaqua

## Big Conversation in Partnership with BBC

Leading names from industry, government and international institutions take to the floor to debate the big questions shaping the future of the ICT sector from contrasting perspectives. The industry is undergoing a dramatic transformation – what are the implications for the future of global communications? Moderated by the BBC, the discussion will be stimulated by questions from audiences both onsite in Dubai and online around the world.

Wednesday 17<sup>th</sup>

BC02  
09:00-10:00  
Al Mullaqua

## Big Conversation in Partnership with Telecom TV

Major disruption in the ICT sector has been caused by the emergence of “over-the-top” (OTT) players. What are the implications for the industry going forward? Leading industry stakeholders will debate the big questions around this issue from the contrasting perspectives of technology, regulation and commerce. Moderated by Telecom TV, the discussions will be stimulated by questions from audiences both onsite in Dubai and online around the world.

The Forum

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Workshops

# 14

Sunday

WS07  
10.00-13.00  
Abu Dhabi B

## TD-LTE Technology and Spectrum Workshop - in Partnership with TDIA

With the explosive growth in mobile data traffic, the mobile communication industry is facing the challenge of spectrum availability. Unpaired spectrum becomes advantageous to meet the demand of the asymmetric nature of Internet traffic. TD-LTE technology, with its flexibility in resource and spectrum configuration, has the potential to efficiently utilize unpaired spectrum. Commercial TD-LTE networks have been launched in global markets. The 2nd TD-LTE Technology and Spectrum Workshop, hosted by ITU, China Mobile, GTI and TDIA, will bring together regulators, operators and vendors to share the state-of-the-art of TD-LTE ecosystem. Representatives of Chinese government will present the efforts to promote the TD-LTE spectrum planning to expedite the development of mobile broadband. Pioneering operators will introduce the commercialization practices of TD-LTE at major TDD bands such as 2.3GHz, 2.6GHz and 3.5GHz in the markets around the globe. With the scarcity of spectrum, the allocation of 3.5GHz to TDD will also be advocated.

WS01  
11.00-12.30  
Umm Al Quwain

## Emergency Communications - in Partnership with BDT

Extreme weather events around the globe are occurring more frequently and with ever more severe effects. Given the exponential growth in populations, the impact is increasingly catastrophic. ICTs are vitally important in successfully predicting, detecting and responding to disasters, managing and mitigating the effects through emergency response and relief efforts. How can a multi-stakeholder approach leverage the power of emerging technologies to safeguard lives – and ensure business continuity?

WS03  
14.00-15.30  
Umm Al Quwain

## How to Enhance the Socio-Economic Benefits of NBN - Sponsored by Huawei

An affordable, ubiquitous national broadband network (NBN) is as critical to social and economic prosperity as infrastructure networks such as transport, water and power. NBNs can help tackle the most challenging global issues in the 21st century, including poverty, economic recession, unemployment, illiteracy, productivity and public services.

However, broadband penetration and projected socio-economic benefits vary considerably from country to country. This panel discussion will explore how the socio-economic benefits of NBN can be enhanced in both developed and emerging countries. Experienced guest speakers, including regulators and operators, will share best practices, case studies and their own success stories for the benefit of new NBN initiatives in other parts of the world.

70 WORKSHOPS

WORKSHOPS 71

# 17

Wednesday

WS08  
15.45-17.00  
Abu Dhabi A

## eHealth: Turning Challenges into Opportunities for better Health Services - Sponsored by Uganda

Uganda is one of the countries with the highest number of E and mHealth interventions being piloted to help accelerate the achievement of the Millennium Development Goals (MDGs). The country's health system is currently in a dire situation with some of the highest maternal and infant mortality rates in the world. As such, the existence of a diverse range of E and mHealth interventions presents a great opportunity to significantly remedy this situation by leveraging the power of ICT. This forum therefore will highlight important lessons learned (strengths and gaps) from the deployment and operation of e and mHealth systems. It will provide insight into potential growth and expansion plans for these systems to inform private and government investment. Further to this, critical areas for standardisation to foster interoperability will be highlighted and participants will have the opportunity to establish meaningful collaborations, at an international level (health and communication service providers, government and development partners) in order to position themselves for future work/developments in the area.

WS09  
15.45-17.00  
Dubai C

## The Challenge and Innovation of Broadband Technology in Establishing Smart Communities - Sponsored by Mitsubishi

Managing energy efficiently and effectively is critical for creating smart, sustainable communities. By developing and evolving broadband communication technologies, conventional triple play services such as internet access, telephony and video delivery can also be enhanced. This session explores smart communities with energy-saving technologies and mechanisms, using the latest broadband communication technologies. Co-hosts Mitsubishi Electric Corporation will discuss smart community systems from the perspectives of technology, standardization and development, including products and services which can contribute to sustainable living.

72 WORKSHOPS

WORKSHOPS 73