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BE Empowered! BE Included! **Building blocks for smart societies in a connected world**

GSR-16 PROGRAMME

Maritim Jolie Ville International Congress Center (Summit Room), Sharm el-Sheikh, Egypt

Thursday 12 May 2016

09h00-10h00 Opening Ceremony

- **H.E. Yasser Elkady**, Minister of Communications and Information Technology, and Chairman of the Board of Directors, National Telecommunications Regulatory Authority, Egypt
- **Mr Houlin Zhao**, Secretary-General, International Telecommunication Union
- **Mr Brahima Sanou**, Director, Telecommunication Development Bureau (BDT), ITU
- **Eng. Mustafa Abdul Wahed**, Acting Executive President, National Telecommunications Regulatory Authority, Egypt

10h00-10h15 COFFEE BREAK / PHOTO OPPORTUNITY

10h15-12h00 Leadership debate: Beyond 2020 - Challenges, Opportunities, Scenarios

Keynote: **Dr Kemal Huseinovic**, Chief, Department of Infrastructure, Enabling Environment and E-Applications, ITU/BDT

Moderator: **Mr Brahima Sanou**, BDT Director, ITU

Panelists:

- **H.E. Yasser Elkady**, Minister of Communications and Information Technology, and Chairman of the Board of Directors, NTRA, Egypt
- **Ms Kathleen Riviere-Smith**, Chief Executive Officer, Utilities Regulation and Competition Authority (URCA), Bahamas
- **Dr Ibrahim Sarhan**, Chairman & Managing Director, e-finance, Egypt
- **Mr Serge Essongue**, Executive Secretary, Autorité de Régulation des Communications électroniques et des Postes (ARCEP), Gabon
- **Eng. Tamer Gadalla**, Chief Executive Officer, Telecom Egypt
- **Mr Kalpak Gude**, Vice-President Legal and Regulatory, Oneweb

This Leadership debate will examine:

- Artificial Intelligence, smart sensors, smart networks – where do we go from here?
- How to maintain trust in ICTs in an era of big data, Internet of everything, machine learning and smart digital environments?
- As things get smarter, will smart machines take over?
- How can consumers get smarter?
- What are the kind of policy and regulatory frameworks needed to ensure disruptive technologies bring new opportunities for all in a sustainable manner?
- Will it be business as usual?

12h00-14h00 LUNCH / PRESS CONFERENCE

TRACK 1 BE SMART: BUILDING BLOCKS FOR A SMART SOCIETY IN A CONNECTED WORLD

14h00-15h30 Session 1: A changing regulatory landscape: Collaborative Regulation – How to pave the road towards adoption of IoT, M2M?

Moderator: **Dr Amr Badawi**, Board Member, NTRA, Egypt

Panelists:

- **Ms Sofie Maddens**, Head Regulatory and Market Environment Division, ITU/BDT, author of the GSR Discussion Paper on Building blocks for smart societies in a connected world: a regulatory perspective on fifth generation collaborative regulation
- **Mr Mohammad Azizi**, Chairman, Afghanistan Telecom Regulatory Authority (ATRA)
- **Mr Harinderpal Singh Grewal**, Cluster Director (Resource & Interconnection Management), InfoComm Development Authority of Singapore (IDA)
- **Mr René Dönni Kuoni**, Vice-Director, Office Fédéral de la Communication (OFCOM), Switzerland
- **Mr Fady Fawzy**, Senior ICT Advisor, Huawei Technologies Co., Ltd
- **Mr Giacomo Mazzone**, Head of Institutional Relations, European Broadcasting Union (EBU)

This session will explore:

- Setting the context - impact (efficiency, QoS, resilience of infrastructure and sustainability)
- Redefining collaboration along the value chain from infrastructure to services to institutions: smart infrastructure, smart transport, smart grid, smart delivery of services, smart health, smart financial services, smart education, smart businesses
- How does ICT link with and contribute to other sectors, and what is needed in terms of regulation – case study on smart energy/grids

15h30- 15h45 COFFEE BREAK

15h45-17h00 Session 2: Digital Financial Inclusion – How to include the unbanked and unconnected in today's smart society?

Moderator: **Mr Jean-Louis Beh Mengue**, Director-General, Autorité de Régulation des Télécommunications, Cameroon

Panelists:

- **H.E. Mr Al-Ansari Almashakbeh**, Vice-Chairman and Board Member, Telecommunications Regulatory Commission (TRC), Jordan
- **Mr Hemant Baijal**, Vice-President, Mastercard
- **Dr Safa Nassereldin**, Chairperson, FTTH Council MENA
- **Mr Thierry Millet**, Senior Vice President for Orange Money, Mobile Payments and Contactless, Orange
- **Mr Ahmed A. Faragallah**, Head of Payment Systems Department, Central Bank of Egypt
- **Mr Jawad Abbassi**, Head of MENA, GSMA

This will be an interactive panel session on:

- How to include the unbanked and unconnected in today's smart society?
- Collaborative regulation to foster an enabling environment for digital financial services

17h00-17h45 Information Session organized by the host

Friday 13 May 2016

TRACK TWO: TOWARDS A SMART DIGITAL SOCIETY

9h00-10h30 Session 3: Future Technology Developments: Opportunities, challenges and business strategies

Moderator: **Mr Jacques Stern**, Board Member, Autorité de Régulation des Communications électroniques et des Postes (ARCEP), France

Panelists:

- **Ms Katheryn Martin**, Director, Access Partnership, author of the GSR Discussion Paper on Emerging technologies and the global regulatory agenda
- **Col. Dr Natee Sukonrat**, Vice-Chairman, National Broadcasting and Telecommunications Commission (NBTC), Thailand
- **Mr Ahmed Osama**, Vice-President & Chief Commercial Officer, Home & Personal Communications, Telecom Egypt Board Member & MD, TE Data
- **Mr Patrick Masambu**, Deputy Director-General and Director Technical Affairs, ITSO
- **Mr Peter Pitsch**, Global Executive Director, Intel Corporation
- **Mr Shiv Bakhshi**, Vice-President, Industry Relations, Ericsson

This session will examine future technologies: Drones, nano-satellites, Wifi, M2M/5G (HetNet), future cables, NFV, WebRTC

- What are the requirements for future technologies? Reliability, latency, integrity and safety, openness, quality?
- Preparing the regulatory landscape: what kind of regulation is needed and who is in charge?
- Spectrum as a tool for innovation – where do we stand post WRC 2015? What are the new frontiers? 5G: what to expect? A revolution or an evolution?

10h30-10h45 COFFEE BREAK

10h45-12h00 Session 4: Be empowered! What ICTs can do for you!

Moderator: **Dr Dražen Lučić**, President of the Council, Croatian Regulatory Authority for Network Industries (HAKOM)

Panelists:

- **Mr Scott Minehane**, Windsor Place Consulting, author of the GSR Discussion Paper on Market power, regulation and the App economy
- **Mr German Arias**, Executive Director, Comisión de Regulación de Comunicaciones, Colombia
- **Mr Antonio Preto**, Commissioner, Autorità per le garanzie nelle comunicazioni (AGCOM), Italy
- **Mr Charles Millogo**, Director-General, Autorité de Régulation des Communications électroniques et des Postes (ARCEP), Burkina Faso
- **Mr Theo Cosmora**, Chief Executive Officer, Socialeco
- **Mr Raul Echeberria**, Vice President, Internet Society

This session will examine:

- What does the ecosystem look like today
- Do free basic services empower communities and individuals?
- Business and investment incentives and sustainability in a collaborative economy – how the mass adoption of connected digital technologies and applications by consumers, enterprises, and governments is driving strategic and operational decisions and creating opportunities to empower citizens and business

- How extending access must be accompanied by the development of relevant content and new services so that innovation and entrepreneurship can be fostered and local digital platforms and content can help develop local digital economies

12h00-14h00 LUNCH

Information session on “Let’s Roam the World”

Information Session organized by the host

14h00-15h30 Session 5: Be included!

Moderator: **Mr Abdoukarim Soumailia**, Secretary-General, African Telecommunications Union (ATU)

Panelists:

- **Mr Ram Sewak Sharma**, Chairman, Telecom Regulatory Authority, India
- **Ms Katharina Pillay**, Councillor, ICASA, South Africa
- **Ms Aminata Garba**, Director African Network Information Center (AFRINIC)
- **Mr Khaled Hegazy**, Director External Affairs, Vodafone Egypt
- **Ms Rwan Nabil Ammar**, Engineering Student, Cairo University

This panel discussion will examine:

- Improving digital skills for new business opportunities/SMEs
- Smart policies and regulatory measures: entrepreneurship in a smart, collaborative economy - monetizing apps and smart services, cloud services, networks, crowdsourcing – crowdfunding
- What can regulators do to facilitate entrepreneurship in a digital economy?

15h30-15h45 COFFEE BREAK

15h45-17h00 Session 6: Real life impact of Smart Societies – How to maintain trust?

Moderator: **Mr Syed Ismail Shah**, Chairman, Pakistan Telecommunication Authority (PTA)

Panelists:

- **Prof. Douwe Korff**, Emeritus Professor of International Law, London Metropolitan University, author of the GSR discussion paper on Maintaining Trust in a Connected Society
- **Mr Kijoo Lee**, Commissioner, Korea Communications Commission (KCC), Rep. of Korea
- **Dr Sherif Hashem**, Vice-President Cybersecurity, Head of Council WG on COP, NTRA, Egypt
- **Mr Ahmed Mosharafa**, Student, Nile University

This interactive debate will see panelists share their views on privacy, trust and cybersecurity – the foundation for the development of our smart society (e.g., securing e-commerce/ financial transactions, digital identity)

Cyberdrill: Prof. Dr Marko Gercke, Director, Cybercrime Research – illustration of what needs to be done when there is a cyberattack.

REGULATOR TRACK (*Summit Room*)

**10h00 -
10h15**

GSR16 Best practice guidelines: Discussion and adoption

This session will address the GSR Best practice guidelines with a view to their adoption by regulators.

- **Dr ElSayed Azouz**, Board Member, NTRA, Egypt

**10h15 -
12h15**

Meet the Regulators – Exchange platform between regulators

Moderator: **Mr Manuel Emilio Ruiz Gutiérrez**, President of the Board, Superintendencia de Telecomunicaciones (SUTEL), Costa Rica

Keynotes:

- **Mr Gary Schwartz – the future of regulation in an era of IoT**
- **Mr Marko Gercke – Regulators Role in a Cyber World**

Panelists:

- **Mr Giacomo Mazzone**, Head of Institutional Relations, European Broadcasting Union (EBU)
- **Dr ElSayed Azouz**, Board Member, NTRA, Egypt
- **Mr Giovanni M. King, Chief Operating Officer**, Directorate General for Energy, Telecommunications and Competition, Curacao

Regulators will share their experiences and expertise, not only in the ICT/telecommunications sector, but also in terms of how ICT/telecommunications interact with other regulations so that they can define tools and guidelines to leverage their head start on regulation in a collaborative, 4th, and even 5th generation ICT regulatory environment.

10:00-11:00 Industry leaders debate – Impact of open innovation and new business models on Collaborative regulation

Open innovation, shared resources and networked business models are key components of innovations and new developments in most industries, including ICTs. Companies cannot develop and control everything alone, but will use services from other companies and open their own services to third parties. Success may depend more on how companies can be a hub in the ICT ecosystem than just on building and owning infrastructure. This session will allow participants to exchange on business models, partnership models and regulation.

Opening remarks: **Mr Brahima Sanou**, BDT Director, ITU

Moderator: **Dr Shiv Bakhshi**, Vice-President Industry Relations, Ericsson

Panelists:

- **Mr Carlos Cornejo**, Senior Vice-President, MasterCard
- **Mr Yves Gauthier**, Chief Executive Officer, Orange-Mobinil, Egypt
- **Mr Zarrar Khan**, Chief Technology Officer, VIVA Kuwait

This session will explore:

- How is open innovation improving industry's performance of research projects in a converged ecosystem? How to measure the open innovation in order to manage it more effectively?
- Which business models could facilitate the sharing of technology and of know-how, thus supporting collaborative innovation?
- What role can regulators play, together with the industry and academia, to stimulate digital innovation? What are the key elements for successful partnerships?

11:15-12:15 Industry leaders debate – Regulatory KPIs

This session will examine Regulatory KPIs in a 1st to 4th Generation Regulation Context – ICT Regulatory Tracker as Basis for Discussion.

Presentation of ICT Regulatory Tracker: Mr Kemal Huseinovic, Chief, IEE Department, BDT/ITU

Moderator: **Mr Jose Toscano**, Director-General and Chief Executive Officer, ITSO

Panelists:

- **Mr Bocar Ba**, Chief Executive Officer, SAMENA Telecommunications Council and CRO Chair
- **Mr Yuriy Grin**, Deputy General Director, Intervale, Russian Federation
- **Mr Mohamed Shalaby**, Access Network Planning and Optimization Director, Etisalat Masr.
- **Mr Graeme Bowker**, Vice-President, Government Services, N-SOFT

This session will examine:

- Key policy and regulatory indicators to analyse and optimize operational performance, investment and innovation decisions.
- How can corporate strategy be aligned with policy and regulatory indicators?
 - o Legal
 - o Investment in new markets
 - o Innovation
 - o Human resources

- Financial resources
- How can progress toward achieving that strategy be measured?
- How can the ITU ICT Regulatory Tracker facilitate regulatory and policy benchmarking and leverage business strategies decision-making?

12h15-13h00 Way forward and Closing

- Presentation of GSR16 best practice guidelines
- Summary of pre-event workshops
- Presentation of CRO and RA reports

Moderator: **Mr Brahima Sanou**, BDT Director

Panelists:

- **Eng. Mustafa Abdul Wahed**, Acting Executive President, NTRA, Egypt
- **Dr Amr Badawi**, Board Member, NTRA, Egypt
- **Mr Bocar Ba**, Samena Telecommunications Council
- **Mr German Arias**, Executive Director, Comisión de Regulación de Comunicaciones, Colombia

Highlights Video

13h10-14h30 LUNCH