



ITU Global Symposium for Regulators (GSR-18)

Session 2: Mastering the New Regulatory Frontiers

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Mastering the (new) Regulatory Frontiers

Digital
Ecosystem
Artificial
Intelligence
Personal Data
Economy
Collaborative
Regulation

Connectivity
Affordability
Privacy
Security
Trust
Quality

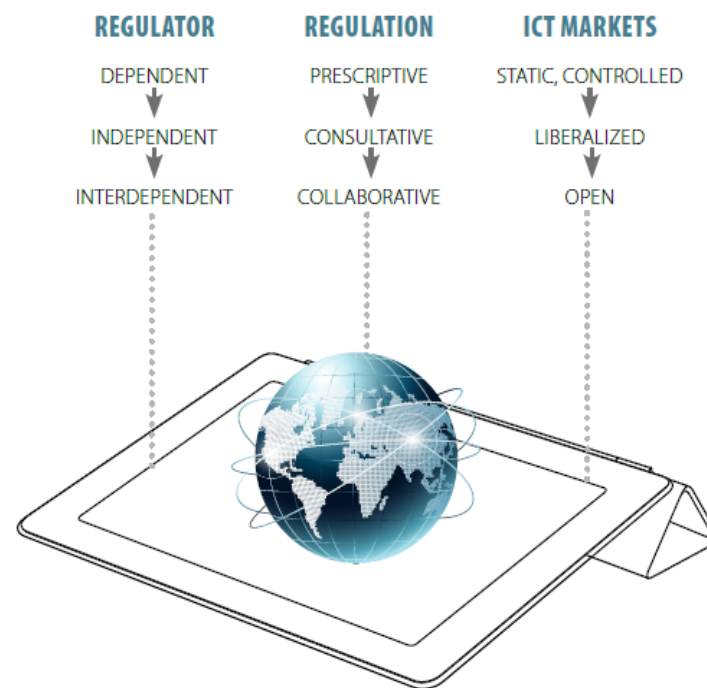


Regulation for the digital economy?

- Digital economy comes of age
- Regulation serves as the interface between governments, investors, service and content providers, and consumers
- New market realities call for new regulatory approaches and tools
- Challenges and opportunities go hand-in-hand and ICT regulators are under pressure to make the most of it

CHANGING PATHS OF THE ICT REGULATOR, REGULATION AND MARKETS

Source: ITU.



ITU BDT: Policy and Regulatory Tools for Evidence Based Decision Making

- ✓ *Knowledge Sharing Platforms and Strategic Dialogues*
- ✓ *Cutting-edge data, research and analysis for evidence-based decision making*



ITU BDT Digital Ecosystem Portal

Research, data and Analysis on:

- ✓ New Business Models
- ✓ The dynamic perspective of Telecommunicating/ICT regulation in the changing markets and new opportunities
- ✓ Socio-economic impact of the App Economy
- ✓ Region/countries case studies (e.g. Africa)

ITU Digital Ecosystem Portal



"To meet the expectations of a rapidly evolving digital ecosystem, policy makers and regulators need to adapt and develop more flexible, innovative and light-handed regulatory frameworks expanding beyond the traditional core telecom sector to take into account the multi-facet and multi-stakeholder dimensions of the digital world."

Mr Brahima Sanou, Director,
ITU Telecommunication Development Bureau (BDT)

ITU International mobile roaming (IMR) Portal

IMR STRATEGIC GUIDELINES



The IMR Strategic Guidelines were developed with inputs from stakeholders during the ITU Consultation Process (held during 2016 and 2017), including from regional regulatory associations (RAs), international organizations, consumer and private sector associations. The aim of this report is to build the foundation for harmonized guidelines around the world to improve the delivery of IMR services for the benefit of consumers, to reduce what are generally perceived as high mobile roaming retail prices, and to enhance efficiency and transparency of retail roaming prices and services.



"I am sure that these IMR Strategic Guidelines will become an important tool that enables all stakeholders to have a common understanding of the complexities of IMR to foster harmonized solutions at national regional and international level. We all need to continue working together to make ICTs even more affordable for all, including when roaming the world."

Mr Brahim Sanou, Director,
ITU Telecommunication Development Bureau (BDT)



- Download the ITU IMR Strategic Guidelines

Quality of Service (QoS) Portal

QOS MANUAL

The QoS Regulation Manual serves as a one-stop shop for QoS regulation in ICTs. It refers to different standards and regulatory practices from various regions and countries worldwide.

It is intended to be used as a guiding tool for telecommunication/ICT regulatory agencies or ICT Administration (e.g., ICT Ministry) in charge of Quality of service (QoS) and Quality of Experience (QoE) parameters and measurements, as defined by the ITU-T, as well as enforcement mechanisms.



CONTENT



2. Quality of Service (QoS) framework (technical)
3. QoS Regulatory Framework - Role of NRAs
4. Traffic Management
5. QoS Parameters and KPIs
6. Broadband QoS measurements
7. Economic principles of QoS regulation
8. Network neutrality and its regulation
9. Consumer Protection and Privacy
10. QoS enforcement
11. Conclusion and guidelines

EVENTS AND TRAINING

Training:

ITU Academy: [Quality of service training programme](#)



RESOURCES

- SADC QoS country experiences (2017)
- WATRA QoS country experiences (2017)
- BEREC [guidelines](#), [NN regulatory assessment methodology \(2017\)](#)
- ITU-T Study Group 12 on Performance, QoS and QoE ([Work Programme](#))
Technical [Recommendations](#)





GLOBAL ICT REGULATORY OUTLOOK 2017

ITU Regulatory Tracker 2016 #ITUdata

[Tracker by Country](#)
[Country Card](#)
[Tracker by Region](#)
[Comparison](#)
[Map](#)
[Generations of Regulation](#)
[About](#)

Select an option

ICT Regulatory Tracker 2016

Cluster	C1: Regulatory Authority	C2: Regulatory Mandate	C3: Regulatory Regime	C4: Competition Framework	Overall Score
Max Score:	20	22	30	28	100
Country					
Afghanistan	15.00	20.00	22.00	16.67	73.67
Albania	18.00	17.00	26.00	21.00	82.00
Algeria	19.00	17.00	16.00	9.00	61.00
Andorra	8.00	8.00	8.00	3.00	25.00
Angola	17.00	20.00	18.00	10.67	65.67
Antigua & Barbuda	8.00	11.50	8.00	16.33	42.83
Argentina	18.00	20.00	23.00	28.00	89.00
Armenia	19.00	18.50	17.00	28.00	82.50
Australia	18.00	21.50	28.00	27.00	94.50
Austria	18.00	16.50	28.00	27.00	89.50
Azerbaijan	8.00	11.00	20.00	23.33	62.33
Bahamas	19.00	18.50	20.00	25.33	82.83
Bahrain	17.00	18.00	26.00	26.33	87.33

International Telecommunication Union

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