



ITU Regional Workshop on “Furthering IMT Development: Policy, Spectrum Valuation and Auctions” in the Arab Region

هيئة الاتصالات وتقنية المعلومات
Communications and Information Technology Commission



CITC Tower, Riyadh, Kingdom of Saudi Arabia
18-19 December 2018

DRAFT PROGRAM

Day 1 (9:00 AM – 16:30 PM)	
9:00-9:30	Opening Session with key-note address
9:30-10:00	Coffee break (to include common assembly for taking of group photo)
Session 1	From 4G to 5G: Evolution of IMT Mobile Broadband
10:00-11:00	<p>This session will provide views from IMT standardization and industry perspective on the evolutionary path of mobile broadband from current 4G towards future 5G networks and services. The speakers are expected to reflect on observed trends and any identified hurdles to early migration and how the national regulators can help by creating environment to facilitate investments and swift roll-out of 5G networks.</p> <p>Speakers from:</p> <ul style="list-style-type: none">• <i>Standardization/industry bodies</i>• <i>Regional MNOs</i>• <i>IMT network equipment vendors</i>
Session 2	Benchmarking state of IMT networks development and lessons learned
11:00-12:00	<p>This session will provide an update on the state of IMT networks deployment and development as seen from the regulatory perspective, reflecting on the spectrum availability, economic impact of network build-out and proliferation of IMT services. The speakers are expected to highlight key lessons learned from progress and current state of IMT network development, early 5G technology trials, etc.</p> <p>Speakers from:</p> <ul style="list-style-type: none">• <i>Consulting companies</i>• <i>National regulators</i>
12:00-13:30	Lunch break
Session 3	Spectrum needs to support and promote IMT development
13:30-14:30	<p>This session will take a closer look at spectrum requirements to support unrestricted nation-wide deployment and development of IMT networks in the run-up to 5G,</p>

including both the mobile access component as well as network backbone provisioning. This should include suggestions on the total amount of spectrum necessary to support the sustainable long-term evolution of mobile broadband and what spectrum bands should take priority in national strategy planning. The speakers are expected to provide case studies and reflect on the challenges encountered while making the necessary spectrum available. Also the IMT bands allocation considerations for the forthcoming WRC-19 conference would be addressed in this session.

Speakers from:

- *Standardization/industry bodies*
- *IMT network equipment vendors*

14:30-15:00	Coffee break
Session 4 15:00-16:30	<p>Boosting national pool of IMT spectrum: country experiences and best practices</p> <p>This session will provide opportunity for representatives from national regulatory authorities to report on their experiences and best practices with making available, awarding and using various IMT bands in their countries. The speakers are expected to review the band configuration options, initiatives to promote regional harmonization, especially in the run-up to WRC-19, national experiences with spectrum re-farming processes, etc.</p> <p>Speakers from:</p> <ul style="list-style-type: none"> • <i>National regulators</i>

Day 2 (9:00 AM – 16:30 PM)

Session 5 09:00-10:30	<p>Competitive spectrum awards and design of spectrum auctions for 4G and 5G</p> <p>This session will review various approaches to competitive awarding of IMT spectrum including the choice of format and design considerations for conducting spectrum auctions. A number of case studies shall be presented by the speakers, reviewing the processes and outlining both positive and negative outcomes and lessons learned.</p> <p>Speakers from:</p> <ul style="list-style-type: none"> • <i>Consulting companies</i> • <i>National regulators</i>
10:30-11:00	Coffee break
Session 6 11:00-12:00	<p>IMT spectrum valuation: auction reserve prices vis-à-vis administrative pricing</p> <p>This session will discuss various approaches towards valuation of IMT spectrum, both in the context of choosing suitable reserve prices for auctions and when applying administrative pricing. It is expected that this session would break new ground in IMT spectrum valuation by taking look at valuation of new "mm-Wave" IMT spectrum bands above 24 GHz for mobile services and Fixed service bands for point-to-point links in network backbone.</p> <p>Speakers from:</p>

	<ul style="list-style-type: none"> • <i>Standardization/industry bodies</i> • <i>Consulting companies</i> • <i>National regulators</i>
12:00-13:30	Lunch break
Session 7 13:30-15:00	Regulatory policies to support and incentivize IMT service providers This session will present and discuss various policy options available to national regulators that could help facilitating the roll-out and continued development of IMT networks by creating a favorable regulatory, business and investment climate. Speakers from: <ul style="list-style-type: none"> • <i>Standardization/industry bodies</i> • <i>Regional MNOs</i> • <i>National regulators</i>
15:00-15:30	Coffee break
Session 8 15:30-16:30	Wrap-up discussion panel This session will take form of a moderated panel where a number of speakers from previous sessions, representatives of different stakeholder groups, will be asked to discuss their impressions from the workshop, identify common trends and the key conclusions. The entire workshop audience will be invited to join with their questions and observations on conclusions.