

EMERG (17) 38

AGENDA

EMERG- BEREC WORKSHOP ON NGN AND NETWORK SHARING AND LOCAL LOOP UNBUNDLING Munich (Germany), 22-23.11.2017

Kindly hosted by Detecon International GmbH
And chaired by AGCOM



EMERG - BEREC WORKSHOP

ON NGN AND NETWORK SHARING AND LOCAL LOOP UNBUNDLING

Munich (Germany), 22- 23.11.2017

OUTLINE

The workshop is an initiative included in the Memorandum of Understanding (MoU) between BEREC and EMERG to strengthen the cooperation in the Mediterranean area. The approximation to the European framework is an objective for the EMERG Members as neighbouring Countries, and, after the fruitful Summit held in Cascais (Portugal) on a topic of common interest, as usual, the last workshop is an crucial opportunity to exchanges of views among experts from the two platforms.

The workshop will cover network sharing including co-invest models, shared access of passive infrastructure and active infrastructure (including LLU) as well as open access networks. These topics are utmost relevant due to the need to foster CAPEX intense roll-out required for next generation fixed and mobile networks and the opportunity to increase efficiency by sharing. With the upcoming decision on the Single Market Directive, sharing as a method to create incentives to invest is a major cornerstone.

The telecommunications sector experiences significant growth in traffic. The increasing traffic is driven by inter alia the consumption of non-linear audiovisual content, new applications and a digitization of the life of the Citizens of the EMERG countries. Also, increasing requirements from different sectors of the economy implies a need to upgrade telecommunications networks. Especially the digitization of the economy including e.g. logistics 4.0, production 4.0 and working life 4.0 implies new and more specific requirements on telecommunications networks, which cannot be fulfilled by legacy copper based networks.

To meet the requirements of the citizens and the economy, the operators must deploy new fiber based networks and 5G networks, which is CAPEX intense. Therefore, to create the necessary incentives for operators to invest and upgrade their networks, the regulatory framework must enable a cost efficient network roll-out. Further, the regulation must also allow the operators to generate sufficient profit margins for the long term and partly risky investments.

In the proposed regulatory framework for communications, (Single Market Directive), the EU Commission has proposed to foster investments in new technologies through different sharing methods, including:

- Regulated access to passive infrastructure as a symmetric obligation imposed on all relevant holders of infrastructure.



- A new regulatory set of rules for operators jointly rolling-out new access networks (co-invest-models), sharing the infrastructure on an open access basis
- The continuation of obligations on SMP operators to provide local loop unbundling to facilitate the market entry of alternative operators by enabling these the shared access to the last mile infrastructure.

Further, in order to enable the economically successful deployment of 5G mobile networks, the sharing of mobile access infrastructure will also be crucial to the digitization of the EMERG countries.

The aim of the workshop is to identify the required initiatives by the national regulators needed to adapt the regulatory frameworks to facilitate and enable operators to share infrastructure in order to foster more innovation in networks, which is required for the digitization of the EMERG countries. By the common definition of relevant initiatives, the approximation of the regulation in the EMERG countries is carried forward.

The workshop is organized in sessions covering the following sessions:

- Open access models / wholesale only models and the requirements on a future proof regulatory framework;
- Future regulation of local loop unbundling, which is suitable for next generation fiber networks (NGN) and the digitization of the economy;
- Regulation of co-invest models to foster investments in NGN;
- Sharing of mobile access networks to enable a cost efficient deployment of 5G networks.



AGENDA

Wednesday, 22 November 2017	
1. Opening of the meeting an adoption of the agenda	
Title	Draft Agenda
Document	EMERG (17) 38
Action required:	To agree on the agenda and identify any points to be raised under AOB.
Session 1: Proposed EU regulatory framework with regard to network sharing	
Title	Regulation of co-invest and sharing models for fiber deployment
Document	EMERG (17) 39
Action required:	To take note.
Title	Mobile active and passive network sharing options and saving potentials
Document	EMERG (17) 40
Action required:	To take note.
Title	Infrastructure sharing and cost savings: Access to ducts, poles and in-building wiring
Document:	EMERG (17) 41
Action required:	To take note.
Plenary Discussion	Questions and answers
Session 2: Future regulation of local loop unbundling and virtual unbundling: Open Access models	
Title	Regulated wholesale access and evolution to FTTH: from LLU to VULA and Duct Access. The Spanish Case
Document	EMERG (17) 42
Action required:	To take note
Title	Fixed wholesale only open access networks: Case study Sweden
Document	EMERG (17) 43
Action required:	To take note
Title	In-building infrastructure sharing for fixed and mobile networks
Document	EMERG (17) 44
Action required:	To take note



2. Plenary Discussion	
Title	Plenary Discussion about the main outcomes of the Questionnaires on network sharing and co-investment in the EU and Southern Neighboring Countries
Document	EMERG (17) 45
Action required:	To take note and agree on a best practice target picture

Session 3: Sharing of mobile access networks to enable a cost efficient deployment of 5G network	
Title	A wholesale-only open access mobile operator: The case of Mexico
Document	EMERG (17) 46
Background:	To guarantee a nation-wide coverage with high speed internet the Mexican Government decided to tender a PPP for the whole 90MHz 700band spectrum to be offered to all retail MNOs on a wholesale only basis. Alternative to normal spectrum auctioning.
Action required:	To take note
Title	5G network requirements and network sharing necessities
Document	EMERG (17) 47
Background	
Plenary Discussion	Questions and answers
Title	Moderated elaboration of recommendations for regulatory action in the EMERG region
Action required:	To agree on a common recommendation for next Plenary

