



EBU TECHNICAL

# PROGRAMME

## *Mobile broadband technologies*

*EC-S workshop on the use of mobile broadband for broadcasting services*

Thursday, 12<sup>th</sup> May 2011  
09:30 - 16:00

### Session 1

1.	09:30 - 09:45	<b>Welcome and introduction</b> <i>Scope and objectives of the workshop</i>	<b>Nigel Laflin</b> , BBC EC-S chairman
2.	09:45 - 10:15	<b>Broadcasters' requirements</b> <i>What type of services broadcasters want to provide over mobile broadband networks? Performance and availability requirements for mobile broadband networks to support broadcast services?</i>	<b>Roland Beutler</b> , SWR SP-TB Chairman
3.	10:15 - 10:45	<b>Mobile broadband technologies</b> <i>Relevant mobile broadband standards and their capabilities, frequency bands, implementation roadmap(s) and ecosystem, future developments.</i>	<b>Guillaume Lebrun</b> Spectrum and Technology Policy Europe, Qualcomm

10:45 - 11:15 Coffee

### Session 2

4.	11:15 - 11:45	<b>Mobile broadband network configuration</b> <i>Basic principles of network design; planning assumptions in terms of coverage and capacity; the use of frequency resources; cell size and density, interference management techniques.</i>	<b>Stein Erik Paulsen</b> Technology Strategy Telenor Group Corporate Development
5.	11:45 - 12:15	<b>Media services on mobile broadband</b> <i>What types of services are possible on mobile broadband, operation modes (unicast, multicast, broadcast), role and impact of traffic management, business models suitable for broadcast services (e.g. possibilities for 'free-to-air')</i>	<b>Lasse Wieweg</b> , Ericsson
6.	12:15 - 12:45	<b>Discussion</b>	<b>All</b>

12:45 - 14:00 Lunch

### Session 3

7.	14:00 - 14:30	<b>Broadband Wireless Access and possibilities for NPO</b> <i>Results of the study by TNO</i>	<b>Hans Bakhuijzen</b> NPO
8.	14:30 - 15:30	<b>Discussion</b> <i>How could broadcasting and mobile broadband be combined to enable hybrid distribution? Is there a common interest between mobile and broadcasting industries? In which areas is co-operation possible and necessary?</i>	<b>All</b>
9.	15:30 - 16:00	<b>Round-up and conclusions of the workshop</b> <i>Issues to be addressed in the future EBU work, recommendations to the Technical Committee.</i>	<b>Nigel Laflin</b> , BBC <b>Peter Mac Avock</b> , EBU

16:00 End of the workshop