

**“IMT-Advanced process : current status of Standardization, new services and applications for users” – Halina Uryga, Orange – France Telecom Group**

Abstract:

The future mobile broadband consumers expect to have similar user experience in the mobile environment as they have today in wired office or home environments. It is important to consider how to ensure the development of the future wide area mobile broadband capability of IMT-Advanced service offerings.

IMT-Advanced systems are mobile systems that include the new capabilities of IMT that go beyond those of IMT-2000. The ongoing process of submission and evaluation of candidate radio interface technologies (RITs) or a set of RITs for the terrestrial components of IMT Advanced was initiated by the Circular Letter 5/LCCE/2 issued on 7<sup>th</sup> March 2008. There are two candidate Radio Interface Technologies for IMT-Advanced : LTE-Advanced (FDD&TDD) and IEEE 802.16m. They were submitted to ITU-R in October 2009 (initial submissions). Final submission is scheduled in June 2010.