



International Round Table on

Radio Diversity

Challenges to the European Single Standard Solution

Karlsruhe (Germany), November 16, 2009

Motivation

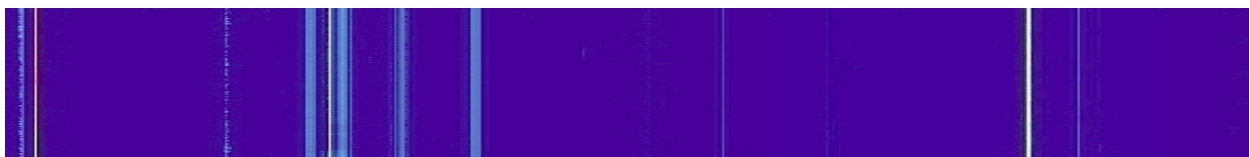
The European wireless communications system is facing an increasing number of challenges:

- (1) External players continually undermine the dominant business models with innovations.
- (2) Technology and service-neutral regulation will challenge the single-standard approach practised so far.
- (3) The success of WiFi creates the impetus for more sharing in spectrum use.

Key questions that arise from this are:

- Should technology competition be implemented rapidly?
- How can spectrum policy balance the rights of users, incumbents and new entrants so as to maximise innovation?
- Should bands be reserved for allocation to new competitors as required?
- Should licence exemption be extended to operation of “beachfront” spectrum, e.g., TV White Spaces?
- Should the European Commission replace national regulators?

The Round Table will examine these issues in some detail, identify the risks and opportunities, and discuss regulatory measures designed to spur on innovativeness in European telecommunications. Possible results of the Round Table are the creation of a study group and the formulation of a consensus statement.



Spectrum usage between 550 and 1000 MHz in Germany (Jondral 2005)

Preliminary Agenda

Chair: Arnd Weber (ITAS, KIT). Co-chair: Michael Haas (A.T. Kearney)

Welcome and Introduction

Welcoming Remarks	Jun.-Prof. Stefan Seifert, Research Group Industrial Organization in Telecommunications Markets, KIT
Presentation of Agenda and Introduction of Participants	Arnd Weber, ITAS, KIT

Presentations: Licensing and Innovation

Making Content Accessible	Yusuke Kanda, CEO, Access Systems Europe, Germany
The Business of Mobile in Japan	Lars Cosh-Ishii, Director, Mobikyo, Japan
Implementing the WAPECS Concept	Isolde Goggin, former Chairperson of ComReg, Ireland
Spectral Efficiency, and Inevitable Path for Successful Technologies	George El Aily, CEO, Kleos, France
Competition of Technologies (working title)	Christoph Legutko, Manager, Intel

Presentations: Innovations for Shared Use

Questioning National Sovereignty	Robert Horvitz, Director, Open Spectrum Foundation, Czech Republic
Clogging the Mesh: Issues with Open Spectrum Models	Richard Bennett, Research Fellow, Information Technology & Innovation Foundation, USA
Regulation of Shared Spectrum - Technical Issues Arising in Heterogeneous Networks	Jens Elsner, Communications Engineering Lab, KIT
Research Issues with Collective Use	Simon Forge, SCF Associates, UK

Discussion and Agreement on Next Steps

Comments	Gregor Dürrenberger, Executive Officer, Swiss Research Foundation on Mobile Communication
Discussion and Agreement on Next Steps	All

Organisation

The Round Table is organised by ITAS, the Institute for Technology Assessment and Systems Analysis within the KIT. The event will be supported in the context of the German "Excellence Initiative". Participation in the Round Table is limited and allocated on a FCFS basis.

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