BROADWAN Workshop True low-cost broadband wireless access everywhere



for fixed and nomadic users



Crowne Plaza, Rue de la loi 107 Wetstraat, Brussels 24 May 2005

DRAFT PROGRAM

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08:00 - 09:00 Registration

09:00 - 09:10 Open

Representative from the European Commission

09:10 - 1030 Session 1: The broadband society, business models, and roadmaps

Chair: Terje Tjelta, Telenor, Norway

09:10 - 09:30 Broadband roadmap

Peter van Daele, BREAD-project, IMEC-Ghent University, Belgium

09:30 - 09:50 Business opportunities for wireless access networks

Roland Montagne, Idate, France, Nils Elnegaard, Telenor, Norway

09:50 - 10:10 Broadband landscape in North America

Gerald Chouinard, Communications Research Centre, Canada

10:10 - 10:30 Experience from Japan using the low-cost 26 GHz fixed wireless access WIPAS

Ryutaro Ohmoto, NTT, Japan

1030 - 1100 Coffee

1100 - 1230 Session 2: Broadband hybrid wireless architecture

Chair: Thierry Montalant, Cegetel, France

11:00 - 11:20 Hybrid wireless access for rural deployment

Julian Sesena, ViceChairman ITU-R SG 4, Spain

11:20 - 11:40 Requirements to and architecture of hybrid broadband access networks

Lisa Henden, Lars E Bråten, Telenor R&D, Norway, Zsombor Elek, T-Systems RIC, Hungary

11:40 - 12:00 Interoperability issues for hybrid access and backhaul networks

Marina Settembre, CoRiTel, Italy, Simon Paillard, Thierry Montalant, Cegetel, France

12:00 - 12:20 A Multi-link architecture for a global wireless Internet connectivity

Guillaume Bichot, Thomson, France

12:30 - 14:00 Lunch

14:00 - 15:30 Session 3: Next generation low-cost wireless solutions

Chair: Chris Howson, Thomson, France

14:00 - 14:20 Innovative system architecture for wireless access above 20 GHz

Knut Rimstad, Nera, Norway, Roberto Albanese, Simona Garritano, CoRiTeL, Italy

14:20 - 14:40 Enabling technologies for low-cost mm-wave systems

Jean-Yves Daden, Thales Communcations, France, Chris Howson, Thomson, France, Cyril Decrose, CNRS, France, Silvia Cavalieri D'Oro, CoRiTeL, Italy

14:40 - 15:00 Simulation results for advanced 5 GHz systems

Dr Ze'ev Roth, Alvarion, Israel, Nick Thomas, RAL, UK, Patrizia Testa, CoRiTeL, Italy

15:00 - 15:20 Propagation models for dynamic adaptive radio

Mike Willis, RAL, UK, Janos Bito, BUTE, Hungary, Ligia Chira, Technical University of Cluj-Napoca, Romania

15:30 - 16:00 Coffee

16:00 - 17:00 Session 4: Provision of services, promotion of wireless broadband

Chair: Otto Koudelka, Joanneum Research, Austria

16:00 - 16:20 Automated hybrid cost-optimised network design

Stuart Allen, University of Cardiff, UK

16:20 - 16:40 The way forward for the international forum Wibrace

Jean-Charles Point, Jurgen Emery, JCP Consult, France

16:40 - 17:00 International standards developments, such as WiMAX and beyond

Dr Vladimir Yanover, Alvarion, Israel

17:00 Close

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