International Telecommunication Union

Market, Economics and Finance Unit

The Market, Economics and Finance Unit (MEF) is the entity of ITU's Telecommunication Development Bureau that deals with the economic and financial aspects of the telecommunication/ICT sector, statistics and indicators. The economics and finance component of the MEF Unit assists developing countries to formulate and implement economic/financial policies by developing or offering tools and methodologies for calculating the cost of providing telecommunication services, interconnection, economic forecasts, simulation, and sensitivity analyses of price changes, etc. With regard to economics and finance, MEF produces and publishes:

- COSITU – software for the calculation of costs, tariffs and rates for telephone services;
- a database on tariff policies, tariff models and calculation methods;
- a database of financing institutions offering resources for telecommunication projects and technical assistance in developing countries;
- a global database of scientific institutions focusing on telecommunications/ICTs fostering international research collaboration in the field of economics, management, regulation and technology;·
- a database on tools and models needed to conduct economic research in the field of telecommunications/ICTs;
- workshops, seminars and direct assistance on economic and financial matters;
- the series of publications "Trends in Economics and Finance".

http://www.itu.int/itu-d/finance

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Managing Risk in the Competitive Environment of the Telecommunication Sector

28-29 October 2004 / Geneva, Switzerland

Expert Dialogues

Opening ceremony
Mr Pierre Gagné – Deputy Director and Chief, Field Operations, BDT, ITU

Analysis of tools and models to conduct economic forecasts, simulations and sensitivity analyses
Mr Jaroslaw K. Ponder – Market, Economics and Finance Unit, ITU

The use of real options in planning and decision making with an application to DSL deployment
Dr Paul Rappoport – Temple University, United States

The use of real options in planning and decision making with an application to IP-telephony deployment
Dr James Alleman – University of Colorado, Columbia University and Columbia Institute of Tele-Information, United States

Price optimization by using business risk analysis and game theory
Dr Fekete Istvan – MATAV, Hungary

Managing the risk associated with bandwidth demand uncertainty
Dr Sverrir Olafsson – British Telecom Research Laboratories, United Kingdom

Bandwidth portfolio optimization
Ms Anne-Gaelle Corrion – France Telecom, R&D Division/TECH/LEI, France

The need for incorporation of unsystematic risk into the regulated cost of capital
Mr Hasan Alkas – Deutsche Telecom AG, Government Relations and Regulatory Strategy, Germany

Improving strategic decision processes through risk analysis: theoretical and practical issues. Example of Polish telecommunication markets
Dr Artur Pruszko – Telekomunikacja Polska SA, Poland

Incorporating risk analysis into telecommunication investment projects
Dr Dimitris Varoutas – National and Kapodistrian University of Athens, Department of Informatics and Telecommunications, Greece

Sensitivity and risk analysis methodologies
Dr Dimitris Katsianis – National and Kapodistrian University of Athens, Department of Informatics and Telecommunications, Greece

Managing investment risk in the telecommunications industry: Theory and practice
Dr Anastassios Gentzoglanis – Centre for the Study of Regulatory Economics and Finance, and University of Sherbrooke, Canada

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