



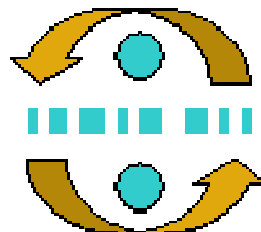
# ***International Workshop*** ***“Promoting broadband in NMS countries and Greece: Why Greece is lagging behind?”***

## ***Introductory Remarks***

***Prof. Yannis Tomkos, Ph.D.***

***Associate Dean, AIT***

***Head of “High Speed Networks & Optical Communications” Research Group***



**Information Society  
Technologies**

**BReATH – Broadband e-Services  
and Access for the Home**



**ATHENS INFORMATION TECHNOLOGY**

**CENTER OF EXCELLENCE FOR RESEARCH AND GRADUATE EDUCATION  
19.5 km Markopoulou Ave., PO. BOX 68, 190 02 Peania, Athens, Greece**



# Overview

- *About AIT*
- *About BReATH*
  - *Objectives*
  - *Activities*
- *About the workshop on “Promoting broadband in NMS countries and Greece”*
  - *Objective*
  - *Issues to be discussed*
  - *Program*



# About AIT

***Athens Information Technology, founded in 2001 by the INTRACOM Group of Companies, is a non-profit world-class center for graduate education and research.***



## ***AIT's mission:***

- ***To establish a Center of Excellence for Research and Education in the areas of Information and Communication Technologies***
  - ***5 Research Groups***
  - ***30 researchers***
  - ***Technologically advanced infrastructure***
- ***To foster the development of high quality professionals.***
  - ***3 M.Sc. Programs***
  - ***Executive training programs***
  - ***Summer Schools***

**Carnegie Mellon®**





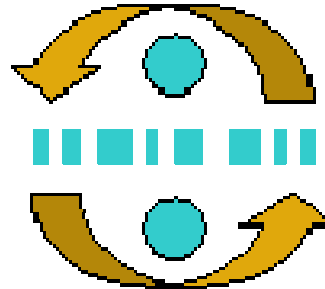
# High Speed Networks and Optical Communications (NOC) Group - Funded Research

- *Participation in 5 major European projects supported by EU and 1 national project supported by GSRT*
  - *FP6/SSA EU Project BReATH “Broadband e-Services and Access for the Home”*
  - *FP6/STREP EU Project TRIUMPH “Transparent Ring Interconnection Using Multi-wavelength PHotonic switches”*
  - *FP6/IP EU Project PHOSFORUS “Lambda User Controlled Infrastructure for EU Research”*
  - *FP6/NoE EU Project ePHOTON/ONe*
  - *EU Project COST 291 Towards Digital Optical Networks*
  - *Greece – UK Bilateral Project funded by GSRT and British Council*
- *Collaboration projects with telecom operators & vendors*
- *Over 800.000Euros research funding attracted at AIT*



# EU SSA IST project BReATH

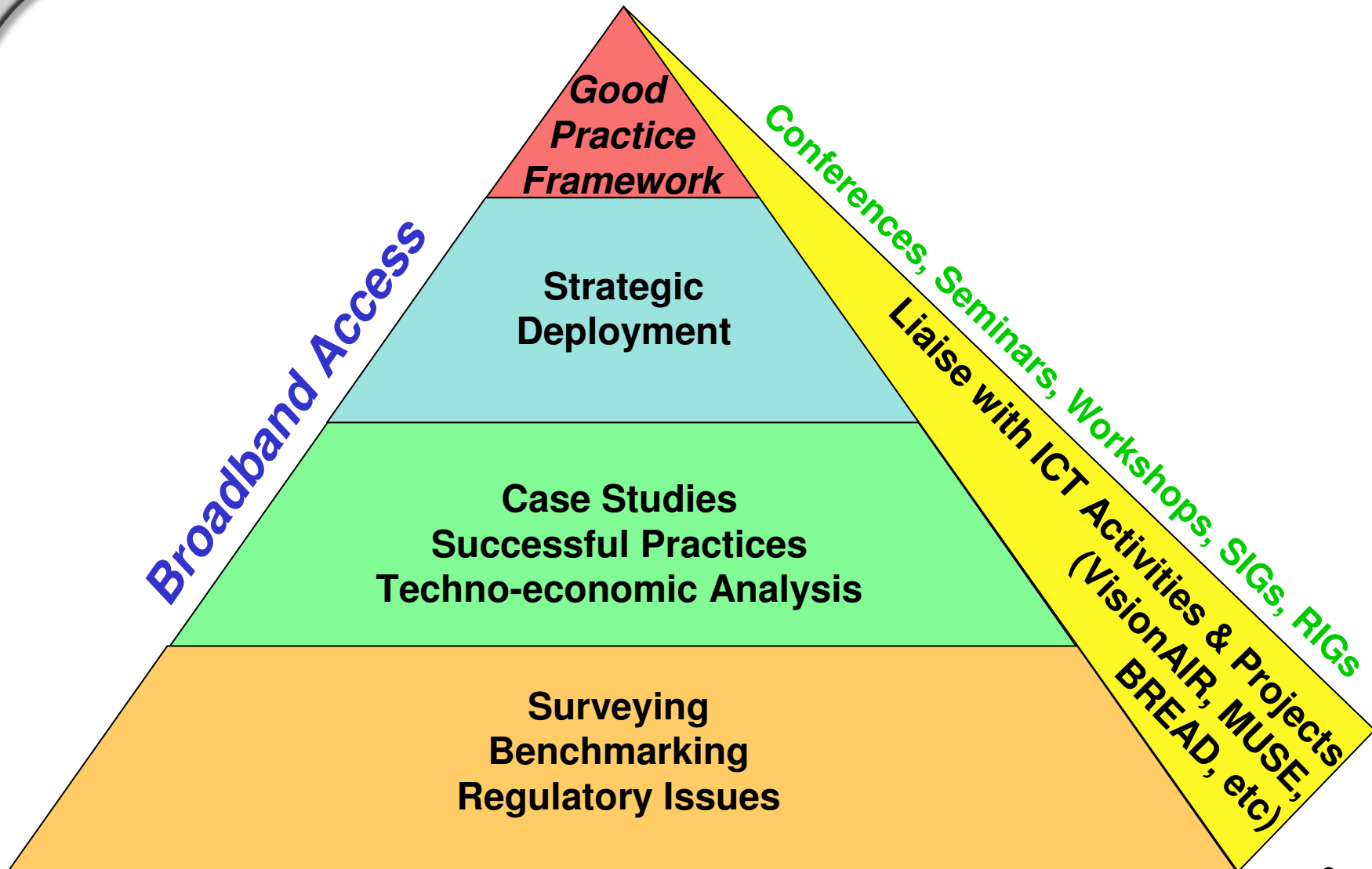
- **BReATH: Broadband e-Services and Access for the Home**
  - *BReATH's vision is the early roll-out and take-up of broadband connectivity in NMS EU counties in an effort to further assist their integration into the European information society and economy*



**BReATH – Broadband e-Services  
and Access for the Home**



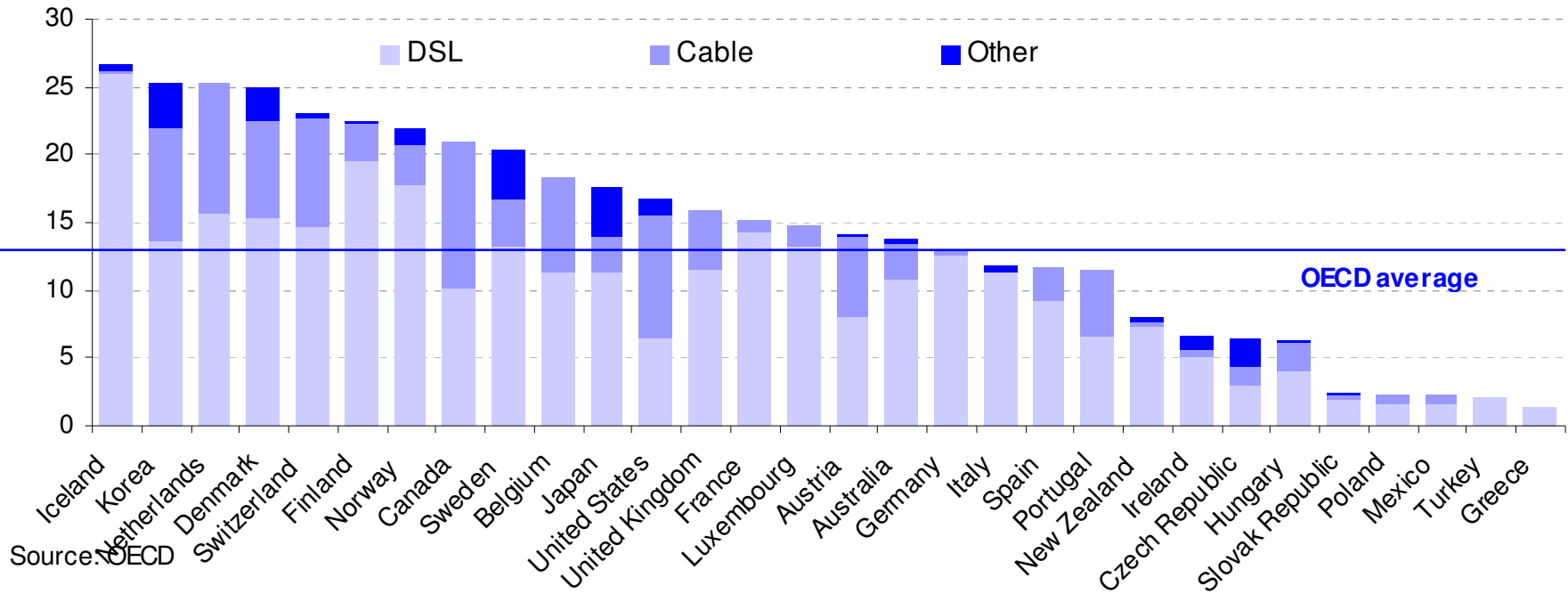
# BReATH project





# The size of the digital divide among OECD countries

OECD Broadband subscribers per 100 inhabitants, by technology, December 2005

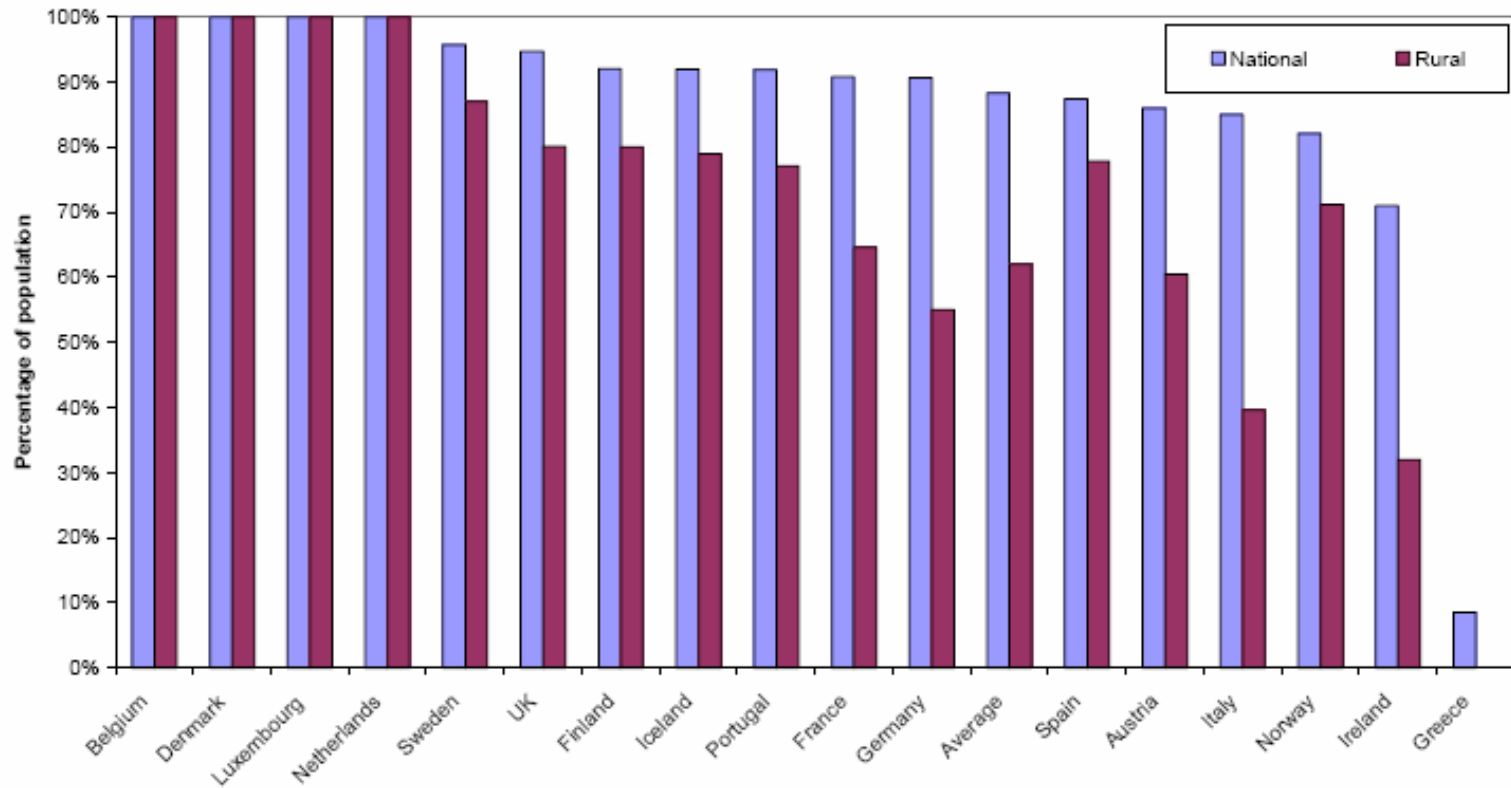


Source: OECD



# The size of the digital divide urban vs. rural areas

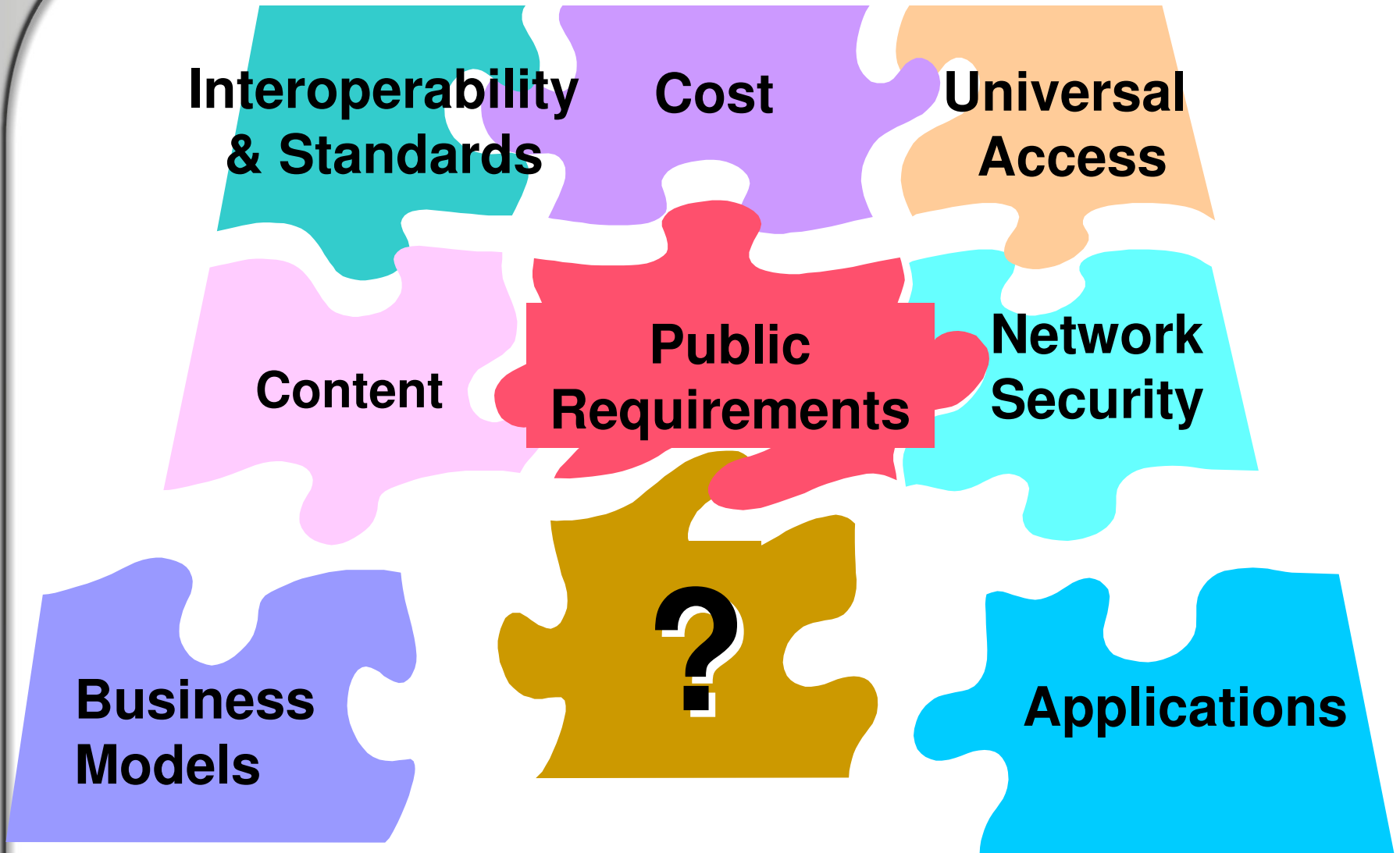
DSL coverage (January 2005)



Source: Commission services



# Broadband Challenges





# BReATH Greek Workshop

- *The objective of the particular BReATH workshop is*
  - *“to bring the stakeholders of Broadband together to share experiences and to explore alternative strategies for going forward using Greece as a prime example”*
  
- *The workshop includes 25 presentations on:*
  - *the status of broadband in various NMS countries (including Czech Republic, Poland, FYROM, Hungary, Slovenia) and OMS (including the Netherlands and Greece),*
  - *regulatory issues (including talks by the Vice-President of the Greek Telecom Regulator and the Head of Unit of the EU regulator),*
  - *activities of EU, regional and national projects to stimulate broadband takeup,*
  - *broadband technologies that promise to bridge the digital divide (by equipment vendors like Aperto, Nortel, and Intracom Telecom),*
  - *broadband network and services deployment activities (by executives of MakTel and Greek network and service providers like OTENET, HOL, Tellas, Vivodi, Forthnet and Attica Telecom).*



# Workshop Program - Session I

- **0945-1100 Session I - Accelerating broadband deployment in Greece (Session Chair: G. Hill)**
- 0945-1000 Mr. I. Tsiamis, Representative of the Greek Observatory for the Information Society: “Broadband Penetration in Greece: Current Situation and Major Trends”
- 1000-1015 Dr. Th. Mouroutis, Project Manager, Information Society S.A., “Broadband Access Development in Underserved Greek Territories”
- 1015-1030 Dr. D. Anastasiadou, General Director, South-Eastern Europe Telecommunications and Informatics Research Institute, “Stimulating Regional Collaboration for Broadband Development in South-East Europe: The bSEE Initiative”
- 1030-1045 Mr. G. Papapavlou, Head of Unit Implementation of Regulatory Framework, European Commission, “Broadband in Greece and the EU – The regulatory background”
- 1045-1100 Mr. Nikolaos Koulouris, Vice President of Telecommunications, Greek Telecom Regulator – EETT, “Implementing regulatory tools to promote broadband penetration in Greece”



# Workshop Program - Session II

- **1130-1315 Session II – Network and service providers shared views on the opportunities and obstacles of broadband (Session Chair: I. Tomkos)**
- 1130-1145 Mr. Th. Papaioannou, Managing Director, Attica Telecom, “Business models for a broadband operator”
- 1145-1200 Mr. A. Tzortzakakis, Marketing Director, Tellas, “Broadband investment perspectives”
- 1200-1215 Mr. D. Kekeris, Head of Business Development, HOL, “Broadband services: Ways to increase penetration”
- 1215-1230 Mr. P. Lytras, Manager of Internet Services & Data Center, OTENET, “Broadband triple play: Business opportunities and technology challenges”
- 1230-1245 Mr. Y. Kavaklis, Internet Access Unit Manager, “Broadband challenges”, FORTHnet
- 1245-1300 Mr. A. Papaspyridis, General Manager of Commercial Affairs, Vivodi



# Workshop Program - Session III

- **1415-1530 Session III – Key technologies and services driving the broadband opportunity (Session Chair: R. Kramer)**
- 1415-1430 Mr. S. Bithas, Section Manager of Content Delivery Networks, Intracom Telecom, “Revenue generating services over broadband infrastructure”
- 1430-1445 Dr. Y. Tzavaras, General Manager, UniNortel, “WiMax: Bridging the broadband divide”
- 1445-1500 Mr. A. Georgiou, Managing Director, Acta Ltd, “Business models for WiMax network deployment”
- 1500-1515 Dr. K. Eleftherianos, Network Project Manager, OTE, "Fixed/mobile convergence: The best of both worlds"
- 1515-1530 Ms. K. Neceva, Director of Technical Development and Implementation Department, MakTel, "BB deployment from the point of view of a fixed operator"



# Workshop Program - Session IV

- **1600-1730 Session IV – Lessons learned from broadband initiatives across the world (Session Chair: G. Hill)**
- 1600-1615 Prof. L. Gavrilovska, University of Skopje, “Broadband initiatives”
- 1615-1630 Mr. M. Csoto, Research Fellow, Information Society Institute, “The state of broadband in Hungary”
- 1630-1645 Prof. Ch. Bouras, University of Patras & RACTI, "Best Practices Worldwide for Broadband Growth"
- 1645-1700 Dr. J. Granat, National Institute of Telecommunications, “Broadband development in Poland”
- 1700-1715 Mr. R. Kramer, BReATH Project Manager, TUE, “Broadband in the Netherlands”
- 1715-1730 Ms. N. Bogdanovic, IJS, "Development of a general framework model for broadband deployment"
- 1730-1745 Dr. A. Kuchar, IREE, “Status of Broadband in the Czech Republic and open issues”



# *Thank you!*

***For further information you may contact:***

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