

# Speeding up NGN ubiquity: a pillar for digital growth

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Conference on Broadband Development organised by the Ministry of Infrastructure, Transport and Networks of the Hellenic Republic



in cooperation with the International Telecommunication Union and the European Commission



with the support of the Hellenic Public Television





# SPEAKERS' SHORT CVs

# Welcome Addresses



### Mr. Michalis Papadopoulos Deputy Minister MINISTRY OF INFRASTRUCTURE, TRANSPORT AND NETWORKS OF THE HELLENIC REPUBLIC

Born in 1962, Mr. Papadopoulos has been elected Member of the Hellenic Parliament, representing the Prefecture of Kozani since 2000. He graduated from the Electronics Department of T.E.I. Piraeus and from the Electrical Department of ASETEM-SELETE. He has worked as an educator at secondary and higher education institutions, and as a special advisor at the Ministry of Trade (1989-1990) and at the Ministry of National Defense (1990-1993). In 1994, he was elected to the Central Committee of New Democracy and, in the 1996 national elections, he was a candidate MP for the Prefecture of Kozani.

In 2000, he was elected for the first time to Parliament, representing the Prefecture of Kozani. During 2000–2013, he served as Dean of the Hellenic Parliament under the Presidency of Mr. Dimitris Sioufas, as Vice-President of the Parliamentary Committee of Educational Affairs, as a member of the standing Parliamentary Committees of Foreign Affairs and National Defense, of Economic Affairs and of Production and Trade. He was also a member of the special permanent Parliamentary Committees of Research and Technology and of Greeks Abroad.

He served as Deputy Minister of Rural Development and Food under the Karamanlis administration (January - September 2009). In 2011, he was appointed Head of the Transportation Sector of ND and, in July 2013, Prime Minister Samaras appointed him Deputy Minister of Infrastructure, Transport and Networks.





### Mr. Houlin Zhao Deputy Secretary General INTERNATIONAL TELECOMMUNICATION UNION

**Houlin Zhao** was elected ITU Deputy Secretary-General at the Plenipotentiary Conference in Antalya, Turkey, in November 2006. He was re-elected for a second four-year term in Guadalajara, Mexico, in October 2010.

Born in 1950 in Jiangsu, China, Mr. Zhao graduated from Nanjing University of Posts and Telecommunications, and holds an MSc in Telematics from the University of Essex in the UK. From 1999 to 2006, he served as Director of ITU's Telecommunication Standardization Bureau (TSB). During his term of office he spearheaded the introduction of new efficiency measures to improve ITU's standards-making environment and strengthen its promotion. He also enhanced the strategic partnership between Member States and Sector Members, while initiating and maintaining good relationships with industry members. Under his leadership, ITU enhanced its level of international cooperation with other standards development organizations, and was instrumental in helping bridge the standardization gap between developing and developed countries.

From 1986 to 1992, Mr. Zhao was a senior staff member in the then CCITT, and from 1993-1998 in TSB. Among his responsibilities as Counsellor for ITU-T Study Groups, he was Coordinator for cooperation with other international technical bodies, including ISO and IEC. Prior to joining ITU, Mr. Zhao served as an engineer in the Designing Institute of the Ministry of Posts and Telecommunications of China, taking an active role in his country's expert meetings on telecommunication standards and national plans, as well as participating in ITU's technical Study Group meetings as a Chinese delegate. He contributed important articles to a number of prestigious Chinese technical publications, and in 1985 was awarded a prize for his achievements in science and technology within the Ministry of Posts and Telecommunications.

Mr. Zhao is married with one son and two grandchildren, and is fluent in three official ITU languages: English, French and Chinese.





Mr. Menelaos Daskalakis Secretary General for Telecommunications & Posts MINISTRY OF INFRASTRUCTURE, TRANSPORT AND NETWORKS OF THE HELLENIC REPUBLIC



Session 1: The role of NGN in DAE 2020



### Mr. Gerard de Graaf Director, Direction F Coordination Directorate General for Communications Networks, Content & Technology (DG CONNECT) EUROPEAN COMMISSION

Gerard de Graaf is Director in Directorate-General "Communications Networks, Content & Technology" (DG CONNECT) responsible for electronic communications, networks and services. In this capacity, he is responsible for a number of policies and instruments which are key to the development of the digital economy in Europe, including the conception and implementation of the Digital Agenda for Europe (which is part of Europe 2020 Strategy for growth and jobs) and the coordination of the EU's R&D&I programme (Horizon 2020) in the area of ICT which represents some  $\in 25$  bn of public investments up to 2020. His directorate also develops policies for innovation, access to finance, procurement and entrepreneurship to foster the success of Europe's many start-ups and web entrepreneurs. His earlier responsibilities include the EU's telecoms regulatory framework (including the recent initiative on the Telecoms Single Market and a Connected Continent) and broad band policy.

Before joining DG CONNECT, Gerard de Graaf was Head of Unit for Innovation Policy in DG Research and Innovation. Between 2005 and 2010, he worked in the European Commission's Secretariat-General, which is the service of President Barroso. From 2001 until 2005, Gerard de Graaf was Head of the Policy Unit in DG Internal Market. From 1997 until 2001, Gerard de Graaf was trade counsellor at the Commission's Delegation to the United States in Washington DC with a particular focus on financial services, procurement and technology issues.

He joined the European Commission in 1991, and worked inter alia on procurement policies and financial services. He started his career in the private sector and ran his own company on industrial market research.

Gerard de Graaf studied Social Geography and Regional Planning (cum laude) at the Free University in Amsterdam (The Netherlands) and European Studies (magna cum laude) at the Catholic University in Leuven (Belgium).

He was born in 1962 in Delft in the Netherlands. He is married with Marina Calluy. They have two children (Emma and Matthias).

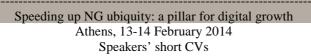




### Mr. Jaroslaw Ponder Strategy and Policy Advisor/Coordinator for Europe Region INTERNATIONAL TELECOMMUNICATION UNION

Mr. Ponder is Strategy and Policy Advisor and Coordinator for Europe Region at the International Telecommunication Union (ITU). Within the last years Mr. Ponder has been carrying out numerous projects and has been taking an active role in many international conferences and summits dealing with development of information society and advancements of new economy worldwide.

Along his professional career Mr. Ponder held official positions in the public sector and was a contributor to the legislative projects having an impact on the public policy. From 1999 to 2003 he worked for the European Institute for International Economic Relations in Germany. Since 2004 Mr. Ponder has been working for ITU and holding diverse positions and responsibilities in the Telecommunication Development Bureau as well as General Secretariat. Currently, his main focus is directed towards directing ITU's activities in the Europe region (43 countries), including Regional Initiatives, Centres of Excellence, Regional Coordination, etc. Simultaneously, at the level of the General Secretariat, he is in charge of the development and successful implementation of strategies related to effective implementation of the World Summit on the Information Society outcomes as well as the WSIS+10 review process.







Ms. Ioanna Samprakou Director, Secretary General for Telecommunications & Posts Office MINISTRY OF INFRASTRUCTURE, TRANSPORT AND NETWORKS OF THE HELLENIC REPUBLIC





### Mr. Christos Moschonas Director of Telecom Projects INFORMATION SOCIETY S.A.

Christos Moschonas is currently Director for large telecom Projects in Information Society SA (e.g.: Rural Broadband - SYZEFXIS II - Metropolitan Area Networks). He has been the Coordinator of Greek Public Administration Network SYZEFXIS, since 2000. He has a Bachelor degree in Computer Science from Patras Polytechnic and an MSc Degree in Telecoms from Athens University. His main interests are Computer Networking & IP telephony in Enterprise Networks and Networks Security & Economics. He has participated in numerous telecom conferences in Greece and abroad as keynote speaker for Public Sector telecom Projects and has designed important large-scale network solutions. He has good knowledge of Greek and European Telecoms Market and is the National Coordinator for the trans-european secure network s-TESTA. He has been teaching network architectures to Computer Engineers since 1995 and is the author of several networking technical articles.

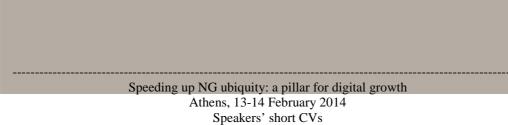




### Mr. Olli-Pekka Rantala Director Communications Market Communications Policy Department MINISTRY OF TRANSPORT AND COMMUNICATIONS, FINLAND

- 2011 to present: Director of the Communications Market Unit, member of the senior management group of the Communications Policy Department
- 2010 2011: Director of the Communications Networks Unit, member of the senior management group of the Communications Policy Department
- 2009 2011: Senior Adviser, Communications Networks Unit, Communications Policy Department, Ministry of Transport and Communications
- 2007 2009: Ministerial Adviser, Communications Networks Unit, Communications Policy Department, Ministry of Transport and Communications
- 2002 2007: Senior Specialist, Ministry for Foreign Affairs, Finland's Permanent Representation to the European Union, Brussels
- 2001 2002: Senior Officer, Media Policy Unit, Communications Policy Department, Ministry of Transport and Communications
- 1999 2001: Research Officer, Media Policy Unit, Communications Policy Department, Ministry of Transport and Communications
- 1997 1998: Contract Processor, Oy Radiolinja Ab.

Language skills: Finnish: mother tongue, English: good, Swedish: good, French: good Interests: Reading, sports and genealogy





### Ms. Anna Rogozińska Deputy Director, Department of International Cooperation OFFICE OF ELECTRONIC COMMUNICATIONS (UKE), POLAND

Anna Rogozińska is Deputy Director of the International Department in the Polish Regulator (Urząd Komunikacji Elektronicznej – UKE). She is responsible for cooperation with international organizations such as ITU, CEPT, UPU, ETSI, etc. and with European institutions including cooperation with the European Commission regarding new legislative proposals and the notification procedure under Art. 7/7a Framework Directive and with Working Parties of the European Council and Committees of the European Parliament concerning new legislative proposals. Also, she is in charge of cooperation with IRG and BEREC including drafting and presenting UKE's positions on BEREC's common positions, opinions and reports. In 2008-2012 she was working as a national expert for the European Commission, DG COMP dealing with antitrust cases and preparing opinions on national regulatory authorities' draft measures notified to the Commission under Art. 7/7a of the Framework Directive. She was involved in analyzing the broadband markets.

She studied international relations at the Warsaw University, Postgraduate European Studies in the European Centers of Maastricht University and Warsaw University and postgraduate studies on radiocommunications at the Warsaw University of Technology. She was born in 1973 in Warsaw, Poland.





### Mr. Rainer Innos Chief Financial Officer ESTONIAN BROADBAND DEVELOPMENT FOUNDATION

Rainer Innos is currently acting as the CFO of "EstWin" project (Estonian Broadband Development Foundation) and has been responsible for the project's financial side since its inception in 2009. This project was called into life to build and run on a non-profit basis a nationwide Estonian fibre optic network that would be accessible to all operators.

Rainer started his professional career as auditor/CPA with PricewaterhouseCoopers (PwC) in Estonia. During his 8 years with PwC, Rainer specialised on technology companies. In early 2000-s he spent 2 seasons in PwC "Silicon Valley office" in San Jose, California, working closely with internet, technology and life science companies as well as venture capital funds.

After PwC and prior to joining EstWin, Rainer worked for 5 years as business controller in Elisa, one of the three largest telecommunications companies in Estonia with both mobile and fixed network and with annual turnover of about 100 million euros. Rainer's major roles were to coordinate and perform internal data analysis and financial planning.

Rainer has studied in Stockholm School of Economics and University of Tartu. In free time he enjoys travelling and skiing.



# Session 2: Towards Broadband Ubiquity: Technology & trends



### Dr. Bilel Jamoussi Chief of the Study Groups Department at the Standardization Bureau INTERNATIONAL TELECOMMUNICATION UNION

Dr. Bilel Jamoussi is Chief of the Study Groups Department at the Standardization Bureau of the International Telecommunication Union in Geneva Switzerland. He leads the ITU-T Standards Development Staff.

Before joining ITU in 2010, Bilel worked for Nortel for 15 years in Canada and then in the United States where he held several leadership positions including Strategic Standards, Advanced Technology, University Research, Software Development, and Network Engineering of major international networks.

As Director of the Strategic Standards organization within the office of the Chief Technical Officer (CTO), Bilel provided strategic technology direction and leadership for Nortel's involvement in more than 90 standards development organizations, forums and consortia. He also contributed to the Massachusetts Institute of Technology (MIT) one laptop per child (OLPC) initiative.

Bilel is an IEEE Senior Member. He was elected to the IEEE Standards Association (IEEE-SA) Board of Governors (BOG) and the IEEE-SA Corporate Advisory Group (CAG). He served on the IEEE Standards Education Committee, the IEEE-SA Nominations and Appointments Committee, the IEEE-SA BOG International ad hoc, and the Technical Liaison from IEEE-SA to ITU-T and ITU-D.

Bilel participated in the Internet Engineering Task Force (IETF) and authored a number of Request for Comments (RFCs).

He has 40 granted US patents in diverse areas: packet, optical, wireless, and quality of service. Bilel received a BS. '89, MS. '92, and PhD '95 degrees in Computer Engineering from the Pennsylvania State University, USA.

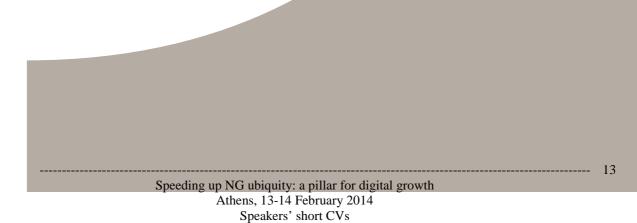
Bilel was born in Tunisia and is fluent in Arabic, French, and English.





Mrs. Karin Ahl President FTTH Council Europe

Karin Ahl is the President of the FTTH Council Europe since March 2012. Karin started to get engaged with the FTTH Council Europe in 2009 and was elected Chair of the Business Committee in 2010, contributing her first-hand knowledge in business cases and business models from her daily work as business developer at Rala Infratech in Sweden. In 2011, Karin was elected as a Member of the Board and Treasurer, and since March 2012 she has held the position of President.





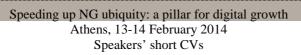


Mr. Agustín Díaz-Pinés Telecommunication Economist/Policy Analyst Directorate for Science, Technology and Industry ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)

Since 2009, Mr. Díaz-Pinés is telecommunication economist at the OECD's Directorate for Science, Technology and Industry. He has been the lead author of the OECD reports on International Mobile Roaming and coordinator of the OECD Broadband Portal. He is also involved in other areas, such as broadband policy and regulation, spectrum policy, country reviews (Mexico, Colombia, Spain) and, more recently, the OECD/IDB Broadband Policy Toolkit for Latin America and the Caribbean.

Prior to that, he served as Spanish government official (State Secretariat for Telecommunications and the Information Society), with responsibilities in national and European telecommunications policy, integrating the Spanish delegation to the European Council for the discussion of the European Directive and the EU roaming regulation. In 2008, he was seconded to the European Commission (DG CONNECT).

Agustín holds a Master of Science (MSc) in Telecommunications Engineering from the Madrid University of Technology and a Master of Arts (MoA) in Business Economics from the Spanish Open University.







Dr. Matt Yardley Partner (UK) ANALYSYS MASON

Matt produced a broadband report for the ITU on developing successful public-private partnerships to foster investment in universal broadband networks, and presented the report at the GSR-12 in Colombo.

Matt has led projects for the European Commission directly relating to the Digital Agenda for Europe, including on the socio-economic benefits of bandwidth; on measures to reduce the costs of rolling out high-speed broadband infrastructure; and on guidance for stimulating investment in broadband networks. He has also advised the European Investment Bank on broadband market development in North Africa and the Middle East; on the role of PPPs in broadband deployment; and on the economic impact of broadband.

Matt leads Analysys Mason's broadband public policy and intervention work for central, regional and local government organisations. His work in the UK for the Broadband Stakeholder Group fundamentally shaped UK Government policy. He has also advised governments around the world on broadband market development and stimulus activities including in Brunei, Ireland, Malta, Morocco, Singapore, Thailand and, most recently, Qatar.

Matt has directed numerous strategy projects for operators on the commercial case for investment in next generation networks, and for regulators on competitive issues associated with the rollout of new networks. Specifically he has advised a global mobile operator on it fixed network strategy which included developing business cases for FTTH and advise on its regulatory strategy. He is also very experienced in leading commercial and technical due diligence projects for investment banks and private equity firms.

Matt has been with Analysys Mason for 17 years, and holds a PhD in engineering. He is based in the UK.





Prof. Panayiotis Tsanakas Chairman of GRNET

Prof. Panayiotis Tsanakas received his BS degree in electrical engineering from the University of Thessaloniki, his MSc in Computer Engineering from Ohio University and his PhD in Computer Engineering from the National Technical University of Athens. He is currently serving as professor of computer science in the School of Electrical and Computer Engineering of the National Technical University of Athens. He has participated in several national and EU-sponsored projects, in subjects covering e-Infrastructures, distributed systems, parallel computer architectures, embedded systems, grid computing, and medical informatics. He has published four Greek textbooks and more than 80 research articles in scientific journals and international conferences. He is currently the Chairman of GRNET, the state organization responsible for the deployment and operation of the national academic network. He has also served as a member of the national telecom regulator (EETT). His research interests include high performance computer systems architectures, grid/cloud computing and distributed applications.



Session 3: Broadband services – Demand Side



### Mr. Jim Beveridge Senior Director, International Technology Policy MICROSOFT

Jim Beveridge is responsible for driving Microsoft's Technology Policy Initiatives in EMEA, LATAM and Asia Pacific. Prior to joining Microsoft, Jim worked for Pace Micro Technology as General Manager of their Digital Division. He is a member of the DVB Steering Board, and Chairman of the Brussels based, Digital Interoperability Forum, both defining next generation Digital Media Standards and Regulation.

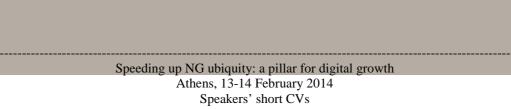
Jim started his technology career in Motorola Semiconductors, working in Scotland and Germany. He held a number of senior positions in their Microprocessor, and Microcontroller Divisions.

During his time working as Gartner/ Dataquest's Semiconductor Divisional Head, Jim provided strategic advice to the management of Semiconductor Corporates and Start Ups across the globe.

In Microsoft, Jim has worked for Windows, IEB, Corporate Standards and Law and Corporate Affairs.

In TPG, Jim leads on Spectrum and M2M/Internet of Things use cases. Additionally he works closely with our product teams in developing and defining platform centric Energy Regulation.

A native of Scotland, Jim studied Electrical Engineering at Glasgow University and for recreation enjoys sailing the sunny Western Isles of Scotland.







Mr. Theodoros Karoumbalis Head of Unit B Digital Convergence Managing Authority (MADC)



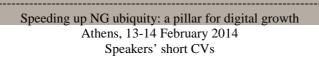


## Mr. Costis Papadimitrakopoulos Chairman HELLENIC ASSOCIATION OF MOBILE APPLICATIONS COMPANIES (HAMAC) HELLENIC MOBILE CLUSTER

Costis Papadimitrakopoulos holds a degree in Electrical Engineering from National Technical University of Athens. From 1989 to 1995 he was Operations & Exports Manager for his family's fruit processing business, Sparti Hellas S.A, where he gained experience for the markets in Greece, the Balkans and Eastern Europe. Upon leaving the family business, he founded GLOBO in 1997, an international leader and technology innovator delivering Enterprise Mobility solutions, recognized as a Ruban d'Honneur in European Business Awards 2013 and shortlisted in Fierce Innovation Awards, MobITS awards 2013, CTIA tech awards 2013, Top 2011 Western Europe Telecom Innovator, Top UK and Global R&D Performing Companies and others.

Since 2008 he has served as Chairman of Hellenic Capital plc, an ISDX quoted investment company. He is also Chairman of the Hellenic Association of Mobile Applications Companies (HAMAC), founded in 2010.

Costis was awarded as "Manager of the Year" by InfoCom 2013 and by "Kouros 2011" in the category of Innovation and Entrepreneurship, handed by the Vice President of Greek Government in November 2011. Additionally, he has participated in more than 15 national and international ICT projects and is an active member of several committees.





# Session 4: Towards a European Digital Single Market: Telecom Regulation



Mr. Dionisis Kolokotsas Public Policy Manager GOOGLE

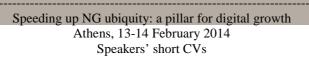
As Public Policy manager of Google for Greece, Cyprus and Western Balkans, Dionisis' mission is to work with policy makers & other stakeholders towards the world's digitization, for the benefit of the economy, society and culture. Before joining Google, he served as General Manager of the Hellenic Semiconductor Industry Association (HSIA) and as Communications manager of Procter & Gamble, based in Brussels. He holds a Master's in Sustainable Business Development and a Diploma in Electrical and Computer Engineering.





### Mr. Anthony Whelan Acting Director, Electronic Communications Networks & Services (Directorate B) Directorate General for Communications Networks, Content & Technology (DG CONNECT) EUROPEAN COMMISSION

Anthony Whelan is a barrister. He has been a lecturer in public law at Trinity College Dublin, followed by a number of years as legal secretary in the chambers of an Advocate General at the European Court of Justice. He was subsequently a member of the Legal Service of the European Commission. He was head of the cabinet (private office) of EU Comissioner Neelie Kroes when she was commissioner for competition, and later when she became commissioner for the Digital Agenda. Since June 2013 he is head of the spectrum policy unit B4 in DG CONNECT and since 1 October 2013 acting director for Directorate B – Electronic Communications Networks & Services.







### Ms. Nancy Sundberg Senior Programme Officer Telecommunication Development Bureau (BDT) INTERNATIONAL TELECOMMUNICATION UNION

Nancy Sundberg is a Senior Programme Officer with the Telecommunication Development Bureau (BDT) of the International Telecommunication Union (ITU) dealing with policy and regulatory matters. She has been involved in telecom/ICT reform for more than 17 years, working for the ITU. As a senior regulatory expert, she coordinates and is a contributing author to regulatory publications such as Trends in Telecommunications Reform and the series of Broadband Thematic Reports. She is a co-organizer of the ITU's flagship annual Global Symposium for Regulators (GSR) in charge of content. She is also actively involved in the organization of regional events and training programmes for regulators and policymakers. She coordinates online tools such as the ITU infoDev online ICT regulation toolkit and manages methods of information gathering and sharing for the regulatory database on the ITU's ICT Eye portal. Nancy regularly delivers reports, articles and presentations on sector reform at regulatory meetings around the world.

Nancy holds a Bachelor's degree (BA) in Political Science from the University of Lausanne, Switzerland and a European Masters of Arts (MA) in Society, Science and Technology from the Ecole Polytechnique Fédérale de Lausanne, Switzerland and the Facultés Universitaires Notre-Dame de la Paix, Namur, Belgium.





### Mr. Göran Marby Chair BEREC Director General of the Swedish Post and Telecom Authority (PTS)

Appointed by the Swedish Government, Göran Marby is the Director-General of the Swedish Post and Telecom Authority (PTS) since January 1, 2010. Mr. Marby chairs the Body of European Regulators for Electronic Communications (BEREC) during 2014.

PTS is the governmental authority that regulates the electronic communications and postal sectors. The concept 'electronic communications' includes telecommunications, IT and radio.

Mr. Marby has more than 20 years of working experience in the IT Sector. Prior to his current position he co-founded AppGate Network Security AB where he served as CEO between 2002 and 2009. He has held several executive positions within the IT sector: CEO Cygate, Country Manager Cisco Sweden, CEO Unisource Sweden. Göran Marby holds an MSc in Finance from University of Gothenburg, School of Business, Economics and Law.





### Mr. Constantinos Louropoulos President HELLENIC TELECOMMUNICATIONS & POST COMMISSION (EETT)

Costas Louropoulos was nominated President of the Hellenic Telecommunications and Post Commission, (EETT) in December 2013.

In October 2013, when the Greek State sold the last portion of 33% of its stake to private investors, Costas finished his 14month term as the President and CEO of OPAP, a 4 billion euro Greek gaming company, one of the largest in the world, which operates in the sports betting and numerical games business.

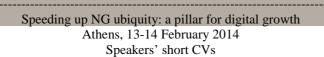
In the last 15 years, he acted as a businessman involved in the information technology sector. He created a start up company in 1999, named E-ON INTEGRATION S.A. (www.e-on.gr), which develops and manages software applications over cloud computing technologies, using Internet and telecommunications infrastructure (broadband, mobile devises, etc).

He started his career in 1979 in Arthur Andersen, Later, he established the Greek office of Andersen Consulting (currently Accenture) of which he was the President and CEO until September 1997. In Andersen Consulting he participated in the world-wide management team as a Partner. He also acted as a member of several management and technical committees at world-wide level, namely South Europe Management Committee, Worldwide Telecom Industry Group, Business Process Management, Financial Services Industry Group, etc.

During his long career, he has cooperated with large private and state enterprises in Greece and internationally. His main expertise is information technology, business process transformation and change management.

He is the Author of the book "Kata Laistrygonon – The Business Manifest against the Economic Crisis".

Costas Louropoulos was born and raised in Athens. He studied Business Administration and Economics in the Athens University of Economics and Business.







### Mr. Luigi Gambardella Chairman EUROPEAN TELECOMMUNICATIONS NETWORK OPERATORS' ASSOCIATION (ETNO) Vice-President, Public and Economic Affairs Relations, TELECOM ITALIA

Mr. Gambardella joined the Telecom Italia Group in 1999, in charge of relations with the National Regulatory Authority, and he is currently Group Vice President for Relations with International Institutions and Organizations.

From 1996 to 1999 Mr Gambardella ran the regulatory and Institutional affairs for Olivetti. He is Chairman of the Executive Board of ETNO, European Telecommunications Network Operators' Association, BIAC Vice Chair to the OECD ICCP Committee, President of EUBrasil – the Association for the development of the relationship between Europe and Brazil, a member of the Advisory and Support Group of BUSINESSEUROPE, a member of the board of the Transatlantic Business Council, a member of the board of the European Internet Foundation, Associate at the European Round Table of Industrialists, President of Puntoit– the Italian Association for the development of the digital economy.

Mr. Gambardella has contributed, through his professional career, to all the phases of policy frameworks' development of the European e-communication industry, last but not least to the development of the Digital Agenda and its latest reviews.

Mr. Gambardella graduated in economics from Bocconi University in Milan, Italy.





Mr. Michael Tsamaz Chairman and CEO OTE Group

Michael Tsamaz heads OTE Group, a Deutsche Telekom subsidiary and the largest telecommunications provider in Greece and SE Europe, since November 2010. Under his leadership, OTE has been implementing a multilayered operational & financial restructuring strategy achieving its transformation from former Greek telecoms state monopoly into an efficient, integrated operator. He also leads OTE's mobile arm, COSMOTE, since 2007. COSMOTE, market leader in Greece, is today one of the best performing mobile operators in Europe.

Since 2001, Michael held several senior roles within OTE, overseeing the course of its international investments and also served as CEO & BoD member for a number of OTE & COSMOTE international subsidiaries. As of February 1<sup>st</sup> 2014, he is non-executive director on the board of EE, UK. He is also Chairman of the Board of Romtelecom s.a. Prior to his tenure at OTE Group, Michael held high ranking positions in Marketing, Sales & General Management for multinational companies such as Vodafone and Philip Morris.

Michael holds a degree in Business Administration from the University of New Brunswick, Canada.





Mr. Panos Papadopoulos Vice-Chairman and CEO FORTHNET

Panos Papadopoulos is the Chief Executive Officer of Forthnet, the company that brought Internet and Pay-TV in Greece, since 2011. Under his leadership the company went through a major and successful organic restructuring to accommodate a changing macroeconomic environment, with evident financial indicators. Major milestones include, among many, the recent Share Capital Increase, the shaping and the creation of the bundled services products in Greece and the company's influence to shaping the new trends both in terms of customer culture but also in terms of development in the sector. Currently, he is also serving as an Executive Vice Chairman of the Board of Directors.

Prior to his current position, he held several executive positions in Forthnet, leading the Commercial and Technical developments while during his role as Chief Operating Officer he shaped the foundation of Forthnet as known today. With over 20 years experience in the sector he is considered among the industry's innovators. Under his management, Forthnet introduced the term "double play" in the market and revolutionized the customer experience with the recent launch of Nova 3Play, resulted in over one million internet and paytv subscriptions.

He is a graduate of the Computer Science Department of the University of Crete and holds an MBA Degree holder from A.L.B.A. Graduate Business School.





### Mr. Christos Limnatitis General Manager CYTA Hellas

Mr. Christos Limnatitis was born in 1962 in Limassol. He holds an Electrical Engineering degree from the National Technical University of Athens and an MBA in Business Administration. Since 1988 he has been employed with Cyta and has served the Organisation as high rank executive, such as Head Core Networks of Cytamobile Vodafone and Managing Director of Cytacom Solutions Ltd., one of Cyta's subsidiaries in Cyprus. In October 2008 he was offered the position of Director of Customer Service at Cyta Hellas and in 2009 he was appointed Deputy General Manager. He has been holding the position of Cyta Hellas General Manager since March 2013. Beyond his professional activities he is a Flight Instructor.





## Ms. Erzsébet Fitori Director EUROPEAN COMPETITIVE TELECOMMUNICATIONS ASSOCIATION (ECTA)

Erzsébet Fitori is Director at the European Competitive Telecommunications Association (Brussels office), the trade association representing over 100 pro-competitive operators across Europe. She oversees ECTA's public policy, regulatory and PR activities and is responsible for ECTA's engagement inter alia with the EU institutions, national regulators and governments.

Prior to joining ECTA as Regulatory Affairs Manager in February 2008, she was Head of Regulatory Affairs at Telenor Hungary in Budapest.

Erzsébet's early career saw her as an Assistant Professor in the Department of European Law and Private International Law at the University of Miskolc in Hungary.

Erzsébet holds an LL.M. in European Community Law from Leiden University and a Degree in Law from the University of Miskolc, Hungary. In addition to her native Hungarian she speaks excellent English, intermediate level German and basic French.



# Session 5: Broadband infrastructures in Europe: Funding Tools & Investments



### Ms. Anna Krzyzanowska Head of Unit, Broadband Directorate General for Communications Networks, Content & Technology (DG CONNECT) EUROPEAN COMMISSION

As of the 1 July, Anna Krzyżanowska is the Head of Unit "Broadband" at DG CONNECT of the European Commission. In addition to policy activities focusing on achieving Digital Agenda for Europe broadband targets, she is coordinating the efforts related to Connecting Europe Facility and future Cohesion Framework in the areas relevant to DG CONNECT.

She joined the Commission in 2005 to assume responsibility for implementing Risk-Sharing Finance Facility, a EUR 10 billion loan facility for highly research intensive companies, developed jointly by DG RTD and the European Investment Bank. She then managed the team in charge of evaluation and impact assessment activities of DG Information Society. Prior to this she was a Development Director at the European Foundation for Management Development in charge of project and development strategy analysis. She had worked seven years at the EBRD in London on financing operations in Central and Eastern Europe and in Central Asia.

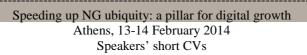
Anna holds a Master Degree in languages and literature from the Jagiellonian University and an MBA from INSEAD.





### Mrs. Laure Blanchard-Brunac Principal Banker, Information and Communication Technologies (ICT) EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT (EBRD)

Laure Blanchard-Brunac is a Principal Banker in the ICT Team at EBRD, based in London, where she has been working on a variety of debt and equity transactions with telecom, media and IT companies across Eastern Europe, Turkey and Central Asia since 2006. Much of her recent work at EBRD has focused on financing broadband and CATV projects, as well as digital switchover implementation in Eastern Europe. Prior to EBRD, Laure was an Investment Manager at Proparco for four years, in Paris, where she executed and managed investments in corporate and financial sectors in Africa, South-East Asia and Central America. Laure holds a postgraduate degree from business school HEC Paris.





### Mr. George Stefanopoulos General Manager Association of Mobile Telephony Companies (EEKT)

George Stefanopoulos is the General Manager of the Association of Mobile Telephony Companies, founded by Cosmote, Vodafone and WIND in order to (a) represent the Industry in Greece and abroad, (b) promote the contribution and prospects of mobile communications nationally and (c) promote licensing solutions to mobile providers regarding infrastructure.

In 1994 he started working at Vodafone (Panafon at the time) and as of 1995 assumed various positions, including member of the Vodafone-Panafon Management, reporting to the CEO and headed a number of company departments, such as Quality, Investor Relations, Corporate Development, International Growth, Regulatory Affairs and Strategy.

In the past, George Stefanopoulos worked in various positions in the aeronautical industry (Greek Aerospace Industry S.A.) and in the oil and gas industry (Consolidated Contractors Co, A.S Couppas and Co S.A.) in Greece and the Middle East.





### Dr. Dimitris Kyriakou Institute for Prospective Technological Studies (IPTS) EUROPEAN COMMISSION

Dimitrios Kyriakou holds Bachelor's (electrical engineering), Master's and PhD degrees in International economics, all from Princeton University. He has worked for over twenty years for the World Bank and the European Commission, where he recruited, managed and published with a Nobel-prize winning group of Economists. He edited for over ten years a monthly technoeconomic academic journal, *The IPTS Report*, in four languages, and one of the first worldwide on the web. He has taught in Universities on both sides of the Atlantic. He has served as vice rector for research at Salzburg Global, as well as economic advisor in the Greek prime minister's office in 2011-2012, on secondment from the Commission. He was among those first shapers of the smart specialisation concept, in the meetings of a high-level Commission advisory group, where the concept was born.





### Mr. Anastasios Tzikas President of the Board SEPE (Federation of Hellenic ICT Enterprises)

Anastasios Tzikas was born in Thessaloniki in 1958 and graduated from the faculty of the Aristotle University of Thessaloniki from the Department of Electrical Engineering.

Anastasios Tzikas is President of the Federation of Hellenic Information Technology and Communications Enterprises (SEPE) and of the High Technology Business Park Technopolis Thessaloniki S.A.

He is also the President of the Board of Thessaloniki International Fair – Helexpo S.A., a Board Member of the Information Society S.A., a Member of the Hellenic Australian Business Council, a Board Member of the Thessaloniki Tourism Organization as well as Honorary President of the Association of Information Technology Companies of Northern Greece (SEPVE), of which he was President for more than 15 years.

He was one of the founders of Singular Software S.A. where he was Managing Director from 1987 to 2004 and President of the Board of Directors until 2005. During this period he was also Managing Director of Singular Bulgaria and Singular Romania (1995-2004), Vice President of Internet Hellas Telecommunications (2001-2003), as well as Managing Director of Delta Singular (2001-2004).

