

## Knowledge for Growth conference speakers and discussants

### **Janez Potočnik – Chair of the K4G Group**



Dr Janez Potočnik was born in 1958. He graduated with honours from the Faculty of Economics at the University of Ljubljana. He continued his studies at the same University where he did his Master's degree in 1989 and a Ph.D. degree in 1993.

For several years (1989-1993), he worked as a researcher at the Institute of Economic Research in Ljubljana. In July 1994, he was appointed Director of the Institute of Macroeconomic Analysis and Development of the Republic of Slovenia. In April 1998, the Government of the Republic of Slovenia appointed Dr Potočnik Head of Negotiating Team for Accession of the Republic of Slovenia to the European Union. From June 2000 to December 2000, he was also the acting director of Government Office for European Affairs. In June 2001, he was appointed a Minister Councillor at the Office of the Prime Minister. On January 24, 2002, the Government of the Republic of Slovenia appointed him for the Minister without portfolio responsible for European Affairs.

From 1991 until 2004 Dr Potočnik has also been an assistant professor at the Faculty of Law at the University of Ljubljana, where he lectured on statistics and economy.

Dr Potočnik became a Member of the European Commission on the May 1 2004. He is currently responsible for Science and Research. In May 2008 he was awarded the honorary degree of Doctor of Science by London Imperial College.

### **Session Chairs**

### **Dominique Foray – Vice-Chair of the K4G Group**



Prof. Dominique Foray is the Director of the "Chaire en Economie et Management de l'Innovation". He is currently a member of the National Research Council (Switzerland), the Advisory Board of the Swiss Economic Institute (KOF) and the World Economic Forum's Global Agenda Council. He serves as the 2009-President of the EPIP (European Policy for Intellectual Property) association.

Between 2004 and 2008, Prof. Foray was the Dean of the "Collège du Management de la Technologie". Before joining EPFL, he was a Research Director at the Centre National de la Recherche Scientifique (CNRS) and a Professor at the Institut pour le Management de la Recherche et de l'Innovation (IMRI) of the University of Paris-Dauphine (from 1993 to 2000); he was then a Principal Analyst at the Organization of Economic Cooperation and Development (OECD) from 2000 to 2004.

Prof. Foray's research interests include the economics of science and technology with a particular focus on high-tech sectors, the management of large-scale technological projects, international comparisons of institutions, and systems of innovation within the context of the new economy. Intellectual property and competition policies, information technology and the new economy, capital market and entrepreneurship, national systems of innovation are fields of high relevance for his research.



### **Ramon Marimon – K4G Group member**

Prof. Ramon Marimon is the Director of the Max Weber Postdoctoral Programme of the European University Institute and a Professor in the Economics Department (Florence). He is a Research fellow of the NBER (since 1992) and of the CEPR (since 1993), as well as a member of the Council of the European Economic Association (since 2000).

Full professor at the Universitat Pompeu Fabra (UPF, since 1990) and at the European University Institute (1994-2000), Prof. Marimon was previously assistant and associate professor at the University of Minnesota (1984-1993) and has been visiting professor at Stanford University, Cambridge University, the Federal Reserve Bank of Minneapolis, the International Monetary Fund, the Santa Fe Institute, Ente Einaudi and Luiss University. Prof. Marimon was the co-founder of UPF as Dean and Chair of Economics and Business (1990-1991) and Secretary of State for Science and Technology in the Spanish Ministry of Science and Technology (2000-2002).

His research interests include Macroeconomics, Monetary Theory, Labor Theory, Political Economy, Contract Theory, Learning Theory, and the Economics of Science and Innovation.

### **Keynote speakers**

#### **Bart van Ark – K4G Group member**



Bart van Ark is Vice-President and Chief Economist of The Conference Board. He leads a team of 20-plus economists who produce a portfolio of widely watched economic indicators and growth forecasts, as well as in-depth global economic research. Since 2000, he holds the chair in Economic Development, Technological Change and Growth at the University of Groningen in the Netherlands.

Previously, Prof. van Ark was The Conference Board's consulting director of international economic research for 10 years, responsible for its annual flagship publication on productivity. From 1988 to 1990, he worked as a research associate with the National Institute of Economic and Social Research (UK) on international comparisons of economic performance in Europe. He has participated in international research projects as the Productivity Research Program of the McKinsey Global Institute, the CEPR Program on Comparative Experience of Economic Growth in Postwar Europe, and European Commission programs on productivity. He also was director of the Groningen Growth and Development Centre, a research group of economists and economic historians examining long-run economic growth and international comparisons of economic performance for Europe, Asia, and North and South America.

### **Paul A. David – K4G Group member**



Prof. Paul A. David is Professor of Economics and Senior Fellow of the Institute for Economic Policy Research at Stanford University. David is also Professeur Titulaire of the Ecole Polytechnique & Telecom ParisTech and Professorial Fellow of The United Nations University - Maastricht Economic and Social Research and Training Centre on Innovation and Technology (UNU-MERIT).

David's research contributions span the economics and economic history of technological, demographic, and institutional change, and including topics in theoretical and empirical research focused on the nature and sources of path-dependent dynamics in economic processes. His recent policy-related work is focused primarily on the impact of IPR protections upon collaboration in open science, innovation, standards and technology diffusion in network industries, and the organisation and performance of open source software communities.

Prof. David's experience as a consultant to international organisations has included work for the World Bank, the United Nations Commission on Trade and Development, the United Nations University Institute, the OECD, several directorates of the European Commission of the EU – including the EC DG-Research Experts Group on Knowledge for Growth (K4G), the US National Science Foundation and National Academies of Science. He currently serves (*ex officio*) on the US National Research Council Board on Research Data and Information and is a member of the Advisory Board of Science Commons.

### **Luc Soete**



Prof. Luc Soete is Director of The United Nations University - Maastricht Economic and Social Research and Training Centre on Innovation and Technology (UNU-MERIT). He is also Professor of International Economic Relations (on leave) at the Faculty of Economics and Business Administration, University of Maastricht. Professor Soete is a member of the Dutch scientific advisory body (AWT).

Before coming to Maastricht in 1986, Prof. Soete worked at the Department of Economics of the University of Antwerp, the Institute of Development Studies and the Science Policy Research Unit both at the University of Sussex, and the Department of Economics at Stanford University.

His research interests cover the broad range of theoretical, empirical and policy studies of the impact of technological change and innovation on growth and development.

### **Reinhilde Veugelers – K4G Group member**



Reinhilde Veugelers is Professor of Managerial Economics, Strategy and Innovation at the Katholieke Universiteit Leuven, Belgium. She is currently a Senior Fellow at Bruegel, a CEPR Research Fellow, and also co-promotor for the Flemish Government "Steunpunt" on R&D Statistics.

From 2004-2008, Prof. Veugelers was advisor at the European Commission (BEPA). She was a visiting scholar at Northwestern University's Kellogg Graduate School of Management, at Sloan School of Management (MIT), Stern Business School (NYU), ECARES/Université Libre de Bruxelles, Université de Paris I (Panthéon-Sorbonne), Universitat Pompeu Fabra & Universitat Autònoma de Barcelona, Universiteit Maastricht.

With her research concentrated in the fields of industrial organisation, international economics and strategy and innovation, Prof. Veugelers has authored numerous publications on multinationals, R&D cooperation and alliances, industry-science links and market integration in leading international journals.

### **Roundtable participants**

#### **Armel de La Bourdonnaye**



Primarily a mathematician and a civil engineer, Dr Armel de La Bourdonnaye is currently the director of the department for the transversal policies and the coordination of the research and innovation strategy in the French Ministry for Higher Education and Research.

He formerly served as vice president in University Paris-Est which he contributed to create in 2007 and was the head of the research department of the oldest French Grande École, the "École Nationale des Ponts et Chaussées".

Before this, he occupied various positions in the ministries for transport and for energy, being concerned with safety, risk management and the technical aspects of the opening of the markets. He began his career as a researcher in applied mathematics at INRIA.

#### **Léopold Demiddeleer**



Dr Léopold Demiddeleer is currently President of the Board of the European Industrial Research Management Association (EIRMA) and Future Businesses Director of Solvay, a large pharmaceutical and chemical company based in Brussels, Belgium.

Dr Demiddeleer started his career in 1976 teaching mathematics and physics and joined Solvay in 1981. From 1981 to 2001, he was responsible for several research and development initiatives in catalyst, high performance materials and global polyolefins. In 2001, he was appointed New Business Development Director. He has been active as a member of the EC Advisory Council on Fuel Cells.

### **Tassos Giannitsis – K4G Group member**



Prof. Tassos Giannitsis is Professor of Development and International Economics, Department of Economics, at the University of Athens (since 1984).

Prof. Giannitsis was Chairman of the Council of Economic Advisers of the Greek Ministry of National Economy in the periods 1989-1990 and 1993-1994. From 1994 to 2000, he was Chief Economic Counsellor to the Prime Minister. In 2000, Prof. Giannitsis became Minister of Labour and Social Security. He was appointed as Alternate Minister of Foreign Affairs (Oct. 2001 - Feb. 2004) and Minister of Foreign Affairs (Feb. 2004 - March 2004).

His teaching and research fields are Development Economics, Greek Economic Policies, International Economics, and economics of Technological Change.

### **Xabier Goenaga**



Dr Xabier Goenaga has been Head of the Knowledge for Growth Unit of the European Commission's JRC-IPTS since 2007. He leads a team of 40-plus economists and social scientists doing research and providing policy support at EU level on (i) sector dynamics and the impact of R&D, physical capital and other factors on company performance, (ii) the development of the European Research Area, and (iii) the macro-economic impact of Regional Funds. Amongst others he is responsible for the Industrial R&D Scoreboard.

Before that, Dr Goenaga held various other positions within the European Commission. Notably, he was responsible for the application of the open method of co-ordination to research policy, for the management of SME measures in the 6<sup>th</sup> Framework Programme and for the management of agriculture and agro-industry research programmes of FP5. Goenaga holds a Ph.D. in Chemical Engineering from the University of Wales and a Masters degree in Public Management from the École Solvay.

### **Michael Jacob**



Prof. Michael Jacob is an advisor to the Swedish Minister for Enterprise, Energy and Communications in the fields of research and innovation. He is Swedish delegate to CREST and FP7 Specific committees, and to the former EU Innovation Policy Expert Group. He is an associate professor in chemistry, with a background spanning from basic research to industrially applied, and innovation.

He has held positions at universities and institutes of technology in Sweden and Switzerland, and leading positions at research institutes, involving very close collaboration with industry.



### **Leif Kjaergaard**

Leif Kjaergaard, Ph.D., is currently the President of Leif and Food Science, a consulting firm to the food and industrial Biotech industry. Prior to that he was the Chief Technology Officer and a member of the executive committee at Danisco A/S, an international food ingredients and biotechnology company based in Denmark from 2006 to 2008. He was responsible for new technology ventures and business development throughout Danisco. From 2002 to 2006, he was Senior Vice President of Danisco, and, from 1993 to 2002, he served as Executive Vice President and Department President of Danisco Cultor (formerly Danisco Ingredients).

Dr Kjaergaard is a board member in start-up Biotech companies in EU and US, in venture fond in Denmark and in a well established Danish food and feed company. Further, he is the deputy chair of the European Research Area Board (ERAB), past President of the Board of the European Industrial Research Management Association (EIRMA), and (a member) deputy chair of the Advisory Council on Research Policy in Denmark.

### **Georg Licht – K4G Group member**



Dr Georg Licht is director of the department "Industrial Economics and International Management" at the Centre for European Economic Research (ZEW) in Mannheim, Germany, since 1992.

He obtained his Ph.D. in 1990 at the University of Augsburg and worked at the German Cancer Research Centre in Heidelberg. At ZEW, he is responsible for the German innovation survey. The focus of his research department is on research infrastructure and technology transfer, evaluation of instruments of research, technology and innovation policies, as well as on international trends in research and innovation policy. His research interests include Industrial Economics, especially innovation and start-ups.

### **Roland S. Sommer**



Roland S. Sommer serves as an expert for research and innovation policy at the Federation of Austrian Industries. His main fields of activity are research funding, technology policy, research policy, co-operation of science and industry, international trends and European research programmes. He also works at the department of European and International Programmes of the Austrian Research Promotion Agency, where he is responsible for the coordination of the Austrian activities for the European Institute of Innovation and Technology (EIT).

Roland S. Sommer represents the Federation of Austrian Industries in the BusinessEurope Research and Technology Working Group and in the Business and Industry Advisory Committee (BIAC) to the OECD.

### **Gerhard Stahl**



Gerhard Stahl has been Secretary-General of the Committee of the Regions (CoR) since 2004 where he was appointed Director for Consultative Work in 2002.

Previously, he worked in the European Parliament and on the regional level in Schleswig-Holstein at the Ministry for Economics, Transport and Research and later on as Director-General for European and International Affairs at the Ministry for European and Federal Affairs. From 1995-1999, he was a Member of the Cabinet of European Commissioner for Regional Policy, Dr Monika Wulf-Mathies. From 1999-2002, he was Deputy Head of Cabinet for Pedro Solbes, the European Commissioner for Economic and Monetary Affairs.

Gerhard Stahl is a Member of the Advisory Committee of the Ifo Institute for Economic Research in Munich and the author of several publications on economic, regional and European policy issues.

### **Pierre Vigier**



Pierre Vigier, graduate in Law of the University of Paris and holding Masters Degrees in both Economics and Political Science (ESSEC and Paris "Sciences Po"), is a specialist in European industry, research and innovation. He began his career within a number of ministerial cabinet offices in France and at the Territory Planning Agency. Joining the European Commission in 1988 he was notably responsible for automobile industry, achieving the negotiation of the EU-Japan Trade Agreement in this sector (1991-2000). He subsequently coordinated Industrial cooperation of EU with Asia. As member of the Cabinet for the Commissioner in charge of RTD, Innovation & Education (1995-1999), he notably launched the 1995 Green paper on Innovation in Europe and was responsible for industrial research and space policy (Galileo, GMES, etc.).

From 2000 to 2008 in the Enterprise and Industry DG, he has presided over the creation of the Enterprise Policy Group, the extension of the European Charter for Small Businesses, the drafting of the new European SME definition, the launching of the broad based innovation strategy and of the Lead Market initiative for Europe and contributed to the European Small Business Act. Since July 2008, he is in charge, in DG Research, of Economic Analysis, the Monitoring of National Research Policies and the Lisbon strategy.

### **Margret Wintermantel**



Prof. Margret Wintermantel is a member of the Board of the European University Association (EUA). She became elected president of the German Rectors' Conference (HRK) in 2006, where she was also Vice-President responsible for Research from 2001-2006.

After gaining her doctorate in 1972 and research periods at the University of Michigan in Ann Arbor and at the University of California in Berkeley, Prof. Wintermantel was research assistant and lecturer at the Institute of Psychology at the University of Heidelberg. In 1992, she was appointed university professor of social psychology at the University of the Saarland, where she served as Vice-President for Study and Teaching from 1994 to 1997 and as University President from 2001 to 2006.

### **John Wood**



Prof. John Wood holds the Chair of the European Research Area Board (ERAB) and is currently Principal of the Faculty of Engineering, Imperial College, London. He is also elected chair of the European Strategy Forum for Research Infrastructures and chair of the International Steering Committee for the European X-Ray Free Electron Laser.

Prof. Wood was Chief Executive of the Council for the Central Laboratories of the Research Councils (CCLRC) from 2001 to 2007 on leave from Nottingham University. His research has been in the area of materials processing of non-equilibrium structures where he has over 240 publications and 14 patents.