

## Contributors

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**Yannis Caloghirou** is Professor of Economics of Technology and Industrial Strategy and Head of the Innovation and Entrepreneurship Unit at the National Technical University of Athens (NTUA), Greece. He has acted as a scientific coordinator in a number of European research projects in the broader area of socioeconomic research. He has served in top policy-making positions in Greece, among them as Secretary General for Industry and as Secretary for the Information Society. He has sat in a number of European Union (EU) high-level expert and policy groups, among them in the expert group on Public Procurement for Research and Innovation. He was also co-Rapporteur of the EU High-Level Policy Group on the Socio-Economic Benefits of the European Research Area. Moreover, he has extensive work experience in industry as well as in policy advisory and policy design and evaluation positions. Professor Caloghirou has written extensively on topics related to his research in scholarly journals, edited books and the popular and business press.

**Jakob Edler** is Executive Director of MIOIR (Manchester Institute of Innovation Research) at the Manchester Business School, University of Manchester, UK, and Professor of Innovation Policy and Strategy. His field of activity and publication comprise: evaluation and conceptual development of research, development and innovation policies, demand-based innovation policy and public procurement, European innovation policy and modes of governance; comparative research on internationalization strategies in science and technology policy; internationalization of industrial research and development (R&D) and public research, knowledge supply and technology transfer; industrial knowledge management and patent strategies. Professor Edler has advised the European Union (EU), the Organisation for Economic Co-operation and Development (OECD) and a range of governments, and published intensively on these issues. As for evaluation, he has conducted many projects for various European and

regional governments and the European Commission. He has been a member of various evaluation expert groups at EU level, analysing the impact of the Framework Programme as well as individual instruments. He has also advised DG Regio on evaluation practices and lessons to be learned for innovation policy. Recently, he has led the InnoAppraisal project funded by the EU which analysed evaluation practice in national innovation policy schemes across Europe, and participated in a project on evaluation of innovation policy schemes at regional level across Europe.

**Charles Edquist** is Holder of the Ruben Rausing Chair in Innovation Research at CIRCLE, Lund University, Sweden, since February 2003. He is one of the founders and the first director (2004–2011) of CIRCLE (Centre for Innovation, Research and Competence in the Learning Economy) at Lund University, which by 2011 had developed into one of the largest innovation research centres in Europe, and a leading international centre for research and advice on research and development (R&D), innovation, knowledge creation, entrepreneurship and economic dynamics. Previously he held a Chair at the University of Linköping, Sweden. His comprehensive list of publications include books and articles on innovation processes, innovation systems, innovation policy and governance of innovation systems. He has a long experience in evaluations of innovation systems and innovation policy, as well as consultancy tasks with numerous international organizations including the Organisation for Economic Co-operation and Development (OECD), United Nations Industrial Development Organization (UNIDO), European Union (EU), United Nations Conference on Trade and Development (UNCTAD), International Labour Organization (ILO), United Nations Development Programme (UNDP) and United Nations Educational, Scientific and Cultural Organization (UNESCO).

**André Tosi Furtado** is Professor at the Department of Science and Technology Policy – Institute of Geosciences – University of Campinas (UNICAMP), in Brazil. He earned his Bachelor's, Master's and PhD in Economics at the University of Paris I. His research interests include energy and innovation policies, especially regarding Brazilian oil and ethanol industries.

**Sally Gee** is a Research Fellow at the Manchester Institute of Innovation Research (MIIoIR) and the Sustainable Consumption

Institute (SCI), the University of Manchester, UK. Sally has broad research interests in the area of innovation studies, focusing on the dynamics of innovation over time, the emergence of new sectors and the evolution of innovation systems towards more sustainable states. She uses in-depth qualitative case studies to explore complex inter- and intra-organization interactions over time. She has published in a variety of media including books, blogs and journals such as *Technology Analysis and Strategic Management*, *Industry and Innovation* and the *Journal of Cleaner Production*.

**Luke Georghiou** BSc, PhD is Vice-President for Research and Innovation at the University of Manchester, UK, where he is responsible for the university's research strategy and performance, business engagement and commercialization activities. He holds the Chair of Science and Technology Policy and Management. His research interests include evaluation of research and development (R&D) and innovation policy (particularly in relation to the use of public procurement and other demand-side measures), foresight, national and international science policy, and management of innovation. He has chaired or been a member of several high-profile committees including the Aho Group and the European Commission (EC)'s Expert Group on ERA (European Research Area) Rationales. He has an extensive list of publications including articles in *Nature*, *Science* and the *Harvard Business Review*. He is a member of the Academia Europaea.

**Yanchao Li** is Research Associate at Manchester Institute of Innovation Research (MIOIR), University of Manchester, UK. Her research interests include demand-side innovation policies (in particular public procurement of innovation), evaluation of innovation policies, and innovation policies for catching up. She has been involved in various teaching and research activities at MIOIR including the 'Understanding Public Procurement for Innovation' (UNDERPINN) project and the 'Research Infrastructure for Research and Innovation Policy Studies' (RISIS) project. She obtained her PhD in 2013 from the University of Manchester with the thesis 'Public procurement as a demand-side innovation policy in China – an exploratory and evaluative study'. Prior to this, she obtained her Master's and Bachelor's degrees at Tsinghua University and Shanghai Jiao Tong University, China.

**Joram Nauta**, MSc and BEng, is a Senior Project Manager within TNO, the Netherlands. He was trained as a Civil and Industrial Engineer and worked for more than ten years on innovations in planning, design and financing of healthcare infrastructure, primarily as a Researcher and Project Manager. From 2009 onwards he has been involved in projects involving procurement of innovations, concerning forward commitment procurement as well as pre-commercial procurement.

**Panagiotis Panaghiotopoulos** is a PhD Candidate in economic and strategic analysis of information and communication technologies at the Laboratory of Industrial and Energy Economics of the National Technical University of Athens (LIEE-NTUA), Greece. He received his Diploma in Chemical Engineering from the NTUA and his Master's in Business Mathematics from the University of Athens and the Athens University of Economics and Business, Greece. His research interests revolve around dynamic capabilities in the public sector and particularly at a local government level, information society, public procurement for innovation, innovative entrepreneurship and environmental economics. He has contributed to related research projects financed by the European Union (EU) and Greek authorities (including the Union of Greek Municipalities and the Hellenic Federation of Enterprises).

**Aimilia Protogerou** holds a PhD in Business Strategy and Industrial Policy and is Research Fellow at the Laboratory of Industrial and Energy Economics of the National Technical University of Athens (LIEE-NTUA), Greece. Her research interests revolve around strategic management of technology and innovation, technology policy and cooperative research and development, innovation networks and knowledge-intensive entrepreneurship. She has contributed as a Researcher and Principal Researcher to a large number of related research projects, mainly financed by the European Union (EU) and the Greek National Secretariat of Research and Technology. She has published her work in international journals such as *Industrial and Corporate Change*, *Economics of Innovation and New Technology*, *Science and Public Policy*, *Journal of Technology Transfer* and the *European Management Journal*.

**Cássio Garcia Ribeiro** is Assistant Professor and Researcher at the São Paulo State University (Unesp), in Brazil. He earned

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**John Rigby** is Senior Research Fellow at the Manchester Institute of Innovation Research (MIOIR), University of Manchester, UK. His academic interests extend around the whole policy cycle from policy and programme design and development, through implementation to evaluation, and impact assessment, but they also include methodology. John has worked extensively on policy implementation and evaluation for a range of bodies including the UK government, the European Union (DG Enterprise, DG Research and Innovation, DG Information Society and Media), most recently focusing on the implementation of the procurement of innovation. He led between 2010 and 2012 the DG Enterprise study on the feasibility of European Union (EU) support to the procurement of innovation. In the area of evaluation of science and innovation policy, John's main contributions have used bibliometric methods.

**Max Rolfstam** is Associate Professor at the Department of Business and Management, Aalborg University, Denmark. After finishing his PhD thesis at Lund University, Sweden, he carried out his postdoctoral research at the University of Southern Denmark. His research and teaching activities are around the field of innovation studies, with a broad interest in how institutions and institutional change affect possibilities for innovation. He has extensively worked with issues related to how public procurement can drive innovation on the European, national and regional level in a number of projects.

**Lena Tsipouri** is Associate Professor at the Department of Economic Sciences, University of Athens, Greece. She studied Economic Sciences at the Universities of Athens and Vienna, Austria; completed her PhD (Doctorat d'Etat), at the University of Paris II, France, which received the first prize of the year 1988; and undertook postdoctoral research with a Fulbright Fellowship at MIT, Cambridge, MA, USA. Professor Tsipouri teaches economic development, European economic integration,

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**Elvira Uyarra** is Senior Lecturer at Manchester Business School, and a member of the Manchester Institute of Innovation Research, UK. Her research and teaching experience sit broadly within in the area of innovation studies, policy studies and economic geography. Her research interests include the conceptualization of innovation systems (particularly regional innovation systems), various dimensions of innovation policy (policy rationales, multilevel governance, policy dynamics and the idea of the policy mix), and demand-side innovation policies (particularly public procurement). Her work has been published in leading journals in geography and innovation studies such as *Research Policy*, *European Planning Studies*, *Research Evaluation*, *Journal of Cleaner Production*, *Environment and Planning C* and *Research Evaluation*, the *Journal of Evolutionary Economics*, as well as in edited volumes published by Palgrave, Edward Elgar and Elsevier.

**Ville Valovirta** is Senior Scientist at VTT, Technical Research Centre of Finland. He holds an MS (Pol.) from the University of Helsinki, Finland. His research focuses on innovation systems, technology foresight, innovation policy and public-private collaboration for innovation. He is pursuing research on diffusion of urban innovation in cities and public procurement of innovation. Valovirta has carried out foresight projects in Finland, Australia, South Korea and Chile. He has conducted several programme evaluations and impact assessment related to innovation policy, research and development (R&D) programmes and commercialization support schemes. Valovirta has a background in a private consultancy where he held responsibility for management of policy analysis and evaluation services.

**Hendrik van Meerveld**, MSc has a degree in civil engineering and management with a specialization in construction process management. Both as a Researcher and a Consultant, he has been involved in several projects relating to procurement and innovation (including forward commitment procurement and pre-commercial procurement).

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**Gaynor Whyles** is Director of JERA Consulting, a UK-based consultancy specializing in innovation, and is passionate about the role of innovation procurement in improving public services and creating economic opportunities. JERA provides consultancy and training in public procurement for innovation (PPI) and innovation to the public and private sector. Gaynor has worked as an Independent Consultant for the UK Department for Business, Innovation and Skills (BIS) in the field of innovation procurement since 2005. She was responsible for developing forward commitment procurement (FCP) concept into a practical tool for innovation procurement and has initiated and managed successful FCP demonstration projects. She sits on the DG Enterprise PPI Platform Advisory Group. A graduate of Imperial College, University of London, UK, she previously worked for the UK Research Councils in the UK and Brussels, Belgium.

**Jillian Yeow** is a Research Associate at the Manchester Institute of Innovation Research (MIOIR) at the University of Manchester, UK. Her research interests are broadly in the area of organizational

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**Jon Mikel Zabala-Iturriagoitia** is a Researcher at the University of Deusto in San Sebastián, Spain and Assistant Professor at CIRCLE, Lund University, Sweden. His research and teaching interests are related to the fields of innovation policy and innovation management. As a Researcher he has contributed to the development of methodological approaches for the assessment of innovation potential, innovation policy instruments such as public procurement for innovation and pre-commercial procurement, and innovation management tools (in particular, creativity and technology watch). As a Lecturer, he has been involved in courses at the PhD, MSc and undergraduate levels at several European and Latin American universities. His work has been published in journals such as *European Planning Studies*, *Regional Studies*, *Scientometrics*, *Research Policy*, *Science and Public Policy*, *R&D Management* and *Technovation*.