

Harnessing Research and Innovation for FOOD 2030

Science Policy Dialogue, 16 October 2017, Brussels



Dr John Bell

Director for the Bioeconomy in DG Research & Innovation

Dr John Bell is Director for the Bioeconomy in DG Research & Innovation. He is responsible for leading the definition, implementation and investment of EU Research & Innovation policy and programming across the Bioeconomy; from agriculture and food systems, oceans, marine and maritime issues to investment in new sustainable bio-based industries. This includes Horizon 2020, 3.8 billion Societal Challenge 2, the EU Bioeconomy Strategy, the 3.7 billion euro Bio Based Industries Joint Undertaking and Food and Nutrition Security FOOD2030. He leads Oceans R&I strategies including the Atlantic Ocean Research Alliance, the Bonus programme (Baltic Sea) and the BlueMed Initiative (Mediterranean).

His professional background was in academia (Anglo-Irish Studies) and in Business Journalism in London. During his E.C. career he has worked in External Relations on financial assistance programmes in the former Yugoslavia, public administration reform in Central and Eastern Europe, and on Poland's accession to the EU. Dr Bell was a member of the Cabinet of Commissioner David Byrne with responsibility for enlargement, food safety, tobacco control, public health and global health security issues, including bioterrorism. He was Head of Cabinet to European Commissioner Meglena Kuneva on Consumer Affairs. As Head of Cabinet to Commissioner Máire Geoghegan-Quinn on Research and Innovation, he was responsible for developing and funding Horizon 2020, mainstreaming innovation, financial investment and simplification.

A native of Dublin, Ireland, he was educated at University College Dublin and completed his Doctorate (D. Phil.) in Cultural Nationalism in Northern Ireland at St John's College, Oxford University.



Peter Woodward

Main Moderator

Co-founder and Director of Quest Associates, Peter Woodward is an independent facilitator having a particular passion and expertise in designing and running participative processes on issues related to the sustainable development agenda. Peter trained in urban planning, has worked in the social sector and for a multinational company and gained wide experience of helping to bridge differing perspectives on issues. His engaging personality and twenty years of experience combine to lift the normal conference or workshop experience to new levels of energy and value. He enables participants achieve outcomes beyond their expectations in a relaxed yet purposeful manner.



Louise Fresco

President of Wageningen University & Research

Louise O. Fresco is the President of Wageningen University & Research in the Netherlands. Louise combines a long academic career as a professor at both Wageningen and Amsterdam with an extensive involvement in policy and development. Ten years of her career was spent as Assistant-Director General at the Food and Agriculture Organisation of the UN. She is a member of the Council of Advisors of the World Food Prize and served on the boards of companies like Unilever and the Rabobank. Her successful book, *Hamburgers in Paradise, the stories behind the food we eat*, was translated in several languages.

[More information](#)



Tassos Haniotis

Director for Economic Analysis, Directorate-General for Agriculture

Tassos Haniotis is Director for "Strategy, Simplification and Policy Analysis" in the DG for Agriculture and Rural development of the European Commission. He holds Ph.D. and M.S. degrees in Agricultural Economics from the University of Georgia in the U.S., and a B.A. in Economics from the Athens University of Economics and Business in his native Greece, and was a visiting Fellow at the Centre for European Agricultural Studies, Wye College, University of London, focusing on EU-US agricultural trade relations in the Uruguay Round of GATT negotiations before joining the European Commission. He currently represents the European Commission in the G20's Rapid Response Forum and GEOGLAM Advisory Committee.



Cristina Amaral
FAO Representative

Ms. Amaral holds a licenciatura in Agronomy and a Master of Science degree in Environment and Development. Her career started as Head of Secretariat for the Cabinet of Education and Culture Minister (Mozambique) and she worked in the fields of Agriculture and Food Security. In 2003; she joined FAO as Senior Operations Officer, from 2008-2009 she worked for the Investment Centre as Coordinator of FAO's corporate response to the Soaring Food Prices. From 2009-2013 she served, as Chief of the Emergency Operations Service. From 2013-2016 she was appointed UN Resident Coordinator/UNDP Resident Representative in Algeria. In 2017, she was appointed Director for FAO's Liaison Office with the European Union and the Kingdom of Belgium.



Walter Van Dyck

Walter Van Dyck is Associate Professor of Technology & Innovation Management at Vlerick Business School in Belgium and co-director of the Health Sciences and Business Institute of the School jointly held with the Department of Public Health and Primary Care of KU Leuven. He conducts research on innovation ecosystem emergence and corporate venturing, health policy and nonmarket strategies that balance the societal quest for affordable innovation in domains of high unmet medical need whilst still ensuring incentives to innovate. Walter holds a MA from the Belgian Royal Military Academy, a MS in Management from Vlerick Business School and a Doctorate in Business Administration from Cranfield University, UK.



Carmen Lamacchia
University of Foggia

Carmen Lamacchia is President and CEO of New Gluten World srl, an award-winning food tech start-up in Italy. She is the inventor of the Gluten Friendly™ technology that detoxifies gluten proteins in cereals. She hopes to put an end to the nutritional and social barriers that affect people with celiac disease. Her start-up is already working on the industrial scale-up of the Gluten Friendly™ technology. Lamacchia is a biochemist at the University of Foggia, with twenty years of experience in the field of gluten research. She holds a PhD in Biotechnologies at the University of Bristol, and a B.S. in Chemistry and Pharmaceutical Technologies at La Sapienza University of Rome.



Luis Mira da Silva

Luis Mira da Silva is Associate Professor in the School of Agriculture / University of Lisboa. He has a degree in Agronomy, a PhD in Agricultural Systems and an Executive MBA, is President of Inovisa (www.inovisa.pt), member of the Board of Agrinatura (<http://agrinatura-eu.eu/>), National Representative in AKIS (strategic subgroup Agricultural Knowledge and Innovation Systems), of SCAR (Standing Committee on Agricultural Research of the European Commission) and Coordinator of the Mechanism of Liaison of the Universities to the Food Security and Nutrition Council of the Community of Portuguese Speaking Countries (CONSAN-CPLP). He is also coordinator of projects in the areas of innovation, technology transfer and entrepreneurship in the agri-food sector.



Harry Barraza

Dr Harry Barraza is an Open Innovation practitioner, passionate about all things future tech. As a Materials Scientist, Harry developed a keen eye for emerging science with applications in FMCGs - working with University academics, technology entrepreneurs, and other research professionals to transform ideas into great products. He has led global co-located teams for successful blue chip companies and is a regular speaker in scientific and management conferences Harry enjoys visiting UNESCO's heritage sites (and tweets about it on: @harrybarraza)



Jochen Weiss

Prof. Dr. Jochen Weiss holds a B.S. and M.S. in Chemical Engineering from the University of Karlsruhe and a Ph.D. degree in Food Science from the University of Massachusetts. He is full Professor at the University of Hohenheim in Stuttgart, where he leads the Food Physics and Meat Science Department. Over the past years, he has authored and coauthored over 300 research articles on food science in refereed journals, book chapters, one book and patents. He was named a highly cited researcher in the field of Food & Agriculture. He is serving currently as the academic co-chair of the ETP Food4Life and is engaged as the Interim Director of Education in EIT Food.



Stephanie Bodenbach

Moderator

Stephanie Bodenbach joined the European Commission in 2006, where she is dealing as head of sector with nutrition labelling, nutrition issues and food law as well as with the implementation of the White Paper on a Strategy for Europe on Nutrition, Overweight and Obesity related Health Issues focussing specifically on reformulation. Previously, she held positions as researcher and scientific coordinator in the coordination office of the Public Health Association of Saxony and as technical and scientific consultant in the European sales branch of a Japanese pharmaceutical and fine chemicals company. Stephanie Bodenbach holds Master degrees in Nutritional Science from Bonn University and Public Health from the University of North Carolina at Chapel Hill.



Alberto D'Avino

Moderator | European Commission, DG Agriculture and Rural Development

Alberto D'Avino is the deputy head of the Research and Innovation Unit in DG Agriculture and Rural Development, holding this role since January 2017. He coordinates the activities of the team in charge of the European Innovation Partnership for agricultural productivity and sustainability (EIP-AGRI) and contributes to the conception of EU agricultural research policy under the Horizon 2020 framework programme. He started his career at the European Commission in 2000. Over the last years, he has had an extensive experience in various services of DG AGRI, notably in the domain of the economic analysis and the agricultural markets.



Patricia Iozzo

Dr Iozzo, MD, PhD, Certified Specialist in Endocrinology & Metabolic Disorders and in Nuclear Medicine, is Senior Investigator, Member of the Institute Board, and Chair of the Management Committee of the Centre of Experimental Biomedicine, at the National Research Council (CNR) in Pisa, Italy. She has spent several years abroad, in USA (University of Texas), UK (Imaging Centre, Hammersmith Hospital, London), and Finland (University of Turku), where she served as Director of Cardiometabolic Modelling and Coordinator of Centre of Excellence, then Adjunct Faculty Member (USA) and Docent (Finland). Her research focuses on the pathophysiology of obesity and diabetes and their complications, from early life to ageing.



Iris Pigeot

Professor Iris Pigeot finished her studies in statistics and sociology at the University of Dortmund. She was appointed as assistant professor at the University of Dortmund and as professor at the University of Munich. Since 2001, she has been in charge of the Department of Biometry and Data Management and has been the director of the today's Leibniz Institute for Prevention Research and Epidemiology since 2004. Her research activities focus on the fields of graphical models, and genetic epidemiology, as well as the use of secondary data in the research of pharmaceutical drug safety as well as primary prevention and its evaluation, especially for childhood obesity.



Matthias Kück

Matthias Kück is a qualified process engineer who founded the company biozoon GmbH in 2001. He is CEO and technical director of the successful SME as well as Co-founder of the so called smoothfood concept, a nutrition concept targeted to frail and elderly suffering from mastication and swallowing difficulties. Matthias Kueck was highly active in European Research since FP IV both as participant and as coordinator. 'Performance' has been the last project he successfully coordinated



Michaela Aschan

Michaela Aschan is Professor in Fisheries Biology and Management at UiT, the Arctic University of Norway, and has a Ph.D. in Ecology from the University of Helsinki, including additional training in statistics, geography and philosophy. She serves as the Vice Dean with responsibility for science activities at the Faculty of Biosciences, Fisheries and Economics. Her research covers a wide range of scientific areas including stock assessment and population biology of shellfish; fish and benthic communities; sampling design; bio-economic aspects of fisheries regulation and management; and climate induced changes in the marine ecosystem. She has wide experience from national projects, EU projects (e.g. ClimeFish, MareFrame, DiscardLess, FarFish, SAF-21), and from ICES Working Groups.



Jacob Van Milgen

Jaap (Jacob) van Milgen obtained an MSc degree from Wageningen University and a PhD degree from the University of Illinois in animal science. He joined INRA and obtained a permanent position in the nutrition modeling of growth in pigs. He developed a research program of energy and amino acid nutrition. Since 2012, he has been head of the INRA-Agrocampus Pegase research unit. Pegase's mission is to "identify the biological basis and conceive levers by which animal production will contribute efficiently and responsibly to a sustainable development". He is coordinator of the Feed-a-Gene project aiming to adapt the feed, the animal and the feeding techniques to improve the efficiency and sustainability of monogastric livestock production systems.



Luis Narvarte

Dr. Luis Narvarte is Associate Professor at the Universidad Politécnica de Madrid and director of the Photovoltaic System Research Group at the Solar Energy Institute of this university. He has involved in research projects related with photovoltaic water pumping since 1995, and currently he is the coordinator of the H2020 project MASLOWATEN, whose objective is the market uptake of an innovative solution of photovoltaic irrigation allowing 100% renewable power, 30% of reduction in water consumption and 75% of savings in the energy cost for irrigation.



Toine Timmermans

Toine Timmermans is Program Manager Circular Economy in Food at Wageningen University & Research, and Coordinator of the EU projects FUSIONS and REFRESH. The overall aim of the project REFRESH is to contribute significantly towards the objective of reducing food waste across the EU and maximizing the value from unavoidable food waste and packaging materials. A central ambition of the REFRESH project is to develop a 'Framework for Action' model that is based on strategic agreements across all stages of the supply chain.



Anna Ray Davies

Anna Davies is Professor of Geography, Environment and Society at Trinity College Dublin where she directs the Environmental Governance Research Group and is on the steering committee for the Trinity Centre for Future Cities. Anna Chairs the Royal Irish Academy (RIA) Future Earth Ireland expert group, is a member of the RIA Geographical and Geosciences Committee and The Planning and Environment Research Group of the Royal Geographical Society and is the Secretary of the European Roundtable on Sustainable Consumption and Production. Anna sits on the management board of The Rediscovery Centre, a social enterprise dedicated to providing community employment and training via innovative reuse of unwanted or discarded materials.



Christoph Glasner

Dr. Glasner finished his studies of mechanical engineering with a specialization in process engineering in 2005. He got his PhD in the field of oil filtration with several separation/membrane technologies in 2009. The PhD thesis was carried out within the framework of 2 FP6 EU projects he was managing (TRANSMAN, SAFELUBE). Since 2009 he is research assistant at UMSICHT in the field of biomass conversion and water treatment/management in combination with heat recovery. Currently, he is responsible for international projects in the field of food processing and biomass utilization.



Mindaugas Maciuvelicius

Moderator

Founding member and director of the AgriCoop developing short supply chains Lithuanian Farm Quality. Vice-President of European agri-cooperatives association COGECA. Member of the European Economic and Social Committee, Vice-President of Group III and rapporteur and co-rapporteur of several report on climate and sustainable food systems.



Manuel Franco

Manuel Franco is a Public Health associate professor at the University of Alcalá in Madrid, Spain and adjunct faculty at the Johns Hopkins Bloomberg School of Public Health. He is the Principal Investigator of the European Research Council Starting Grant Heart Healthy Hoods (<http://www.hhhproject.eu>) studying urban characteristics in relation to cardiovascular population health.



Mairead Kiely

Mairead Kiely is Professor of Human Nutrition at University College Cork, Ireland. Her research is focussed on vitamin D and health throughout life and maternal and child nutrition. Since 2005, Mairead has co-chaired the Cork Centre for Vitamin D and Nutrition Research at University College Cork and is joint co-ordinator of the EC funded ODIN consortium, which is currently the largest global consortium in the vitamin D field, with 31 partners in 19 countries. Mairead leads the Maternal and Child Nutrition research programme at the Science Foundation Ireland INFANT research centre. She serves on scientific advisory committees for the development of public health nutrition policy in Ireland and the UK.



Spyros Fountas

Dr. Spyros Fountas is Editor-in-Chief in the ELSEVIER journal "Computers and Electronics in Agriculture". He holds an MSc from Cranfield University in Information Technology, and PhD from Copenhagen University in Systems Analysis on Precision Agriculture. He is country representative for the European Society of Precision Agriculture and is in the Editorial Board at the Precision Agriculture journal. His research areas are precision agriculture technology and management, farm management information systems and farm machinery management and agricultural robots. He is coordinating the Smart-AKIS Thematic Network, mainstreaming Smart Farming Technologies among the European farmer community and bridging the gap between practitioners and research on the identification and delivery of new Smart Farming solutions to fit the farmers' needs.



Robert Pederson

Robert Pederson holds bachelor degrees in Business Administration and Nutrition, and a Master's in Food Policy, with specialization in EU Food and Agricultural Policy. He has supported Milieu since 2015 where he has been involved in multi-country studies providing policy expertise, quality assurance and project management expertise. He has 17 years of professional experience as a policy analyst, advisor and project management. He has advised several Civil Society organisations on EU food, agriculture and trade policy, both in Denmark and Brussels. He has considerable experience in managing public-private partnerships and evaluating national programmes and is a research fellow at Aalborg University where his main focus is on EU Policy, Food Systems and Governance.



Olivier Desenfans

Olivier Desenfans graduated in mechanical engineering from the « Université catholique de Louvain » (UCL, Belgium) in 2004. He is specialized in aeronautical engineering. He has joined M3 Systems in 2007 as project manager being in charge of R&D activities in the domain of air navigation. Since 2010, he is responsible of the development of M3 Systems in Belgium. Particularly, he is involved in satellite-based radio navigation and location-based services projects. He is currently coordinating the H2020 project Mistrale.



Paulus Kusters

Paulus Kusters started in 2006 at Provalor BV and joined GreenProtein BV, a related company in 2016. Earlier he worked as account manager Agro-Food at the Dutch research institute TNO, and hold different positions for international seed companies. He studied at Wageningen University and graduated in agronomy and process engineering. During his time at TNO he initiated and realised many projects in innovative food processing of which several in the area of vegetable processing. His broad experience in industrial R&D in Food Processing is key for the development of sustainable and innovative processes and products in the industry.



Shane Ward

Professor Ward is Professor of Biosystems Engineering at University College Dublin (UCD), Ireland. He was previously Head of the UCD School of Agriculture, Food Science and Veterinary Medicine (including Biosystems and Food Engineering) and has led and participated in nationally- and EU-funded research and innovation projects. He currently leads the H2020 AgroCycle project addressing the application of the 'circular economy' across the agri-food industry. He has over 250 publications in peer-reviewed journals and conferences.



Volker Sieber

Prof. Sieber studied chemistry at the University of Bayreuth and the University of Delaware. He held a number of positions in the chemical industry between 2001 and 2008. He has been a full professor at TUM since late 2008. In parallel he has built up research group at a Fraunhofer Institute in the area of bio-, chemo- and electrocatalysis and developed it into an Institute branch. He is deputy director of the Straubing Center of Science, which is focusing on biomass utilization. In 2015 he became one of the founding members of the council on Bioeconomy for the government of the Free State of Bavaria.



Joachim von Braun

ZEF B: Department of Economic and Technological Change

Joachim von Braun is Director of the Center for Development Research (ZEF), Bonn University, and Professor for economic and technological change. His research is on economic development, science and technology policy, poverty reduction, food and nutrition security, resource economics and trade. He is chair of the Bioeconomy Council of the Federal German Government; President of the Pontifical Academy of Sciences of the Vatican; member of German Academy of Science and Engineering (acatech); and fellow of African Academy of Science and of American Association for the Advancement of Sciences. He is co-chair of the Malabo-Montpellier Panel on Food Security and Agriculture in Africa.



Cathy Maguire

European Environment Agency

Dr Cathy Maguire works in the Integrated Environmental Assessment programme at the EEA. She was a lead author of the 'European environment - State and Outlook 2015' Synthesis report and the recent EEA report 'Food in a green light – a systems approach to sustainable food'. She trained as an ecologist with a BSc (Hons), MSc and PhD from Queens University Belfast. She has specialised in multi-disciplinary applied research that provides an evidence base for policy and decision making and prior to joining the EEA, she was Director of Research at Comhar Sustainable Development Council and Research Fellow at Queens University Belfast.



Ivan Dimov

Deputy Minister of Education and Science

Prof Ivan Dimov has been appointed as a Deputy Minister of Education and Science in 2016, responsible for the reforms in research. Prior, Dimov has been Chief Scientific Secretary of the Bulgaria Academy of Sciences and BAS President Adviser. From 2010 till 2014 Prof Dimov has been Chairman of the Scientific Council of the Institute of Information and Communication Technologies where he has also performed most of his research. His main Research achievements are in High-performance methods and algorithms for scientific computations. Prof Dimov is teaching in Bulgaria and abroad, predominantly at the University of Reading, School of Systems Engineering.