

Horizon 2020 Societal Challenge 2 Info week

**Bioeconomy policy day
16 November 2017**

High-Level Opening Session



Carlos MOEDAS

Carlos Moedas was born in Beja (Portugal) in 1970. He graduated in Civil Engineering from the Higher Technical Institute (IST) in 1993 and completed the final year of studies at the École Nationale des Ponts et Chaussées in Paris (France). He worked in engineering for the Suez-Lyonnaise des Eaux group in France until 1998. He obtained an MBA from Harvard Business School (USA) in 2000, after which he returned to Europe to work in mergers and acquisitions at investment bank Goldman Sachs in London (UK). He returned to Portugal in 2004 as Managing Director of Aguirre Newman and member of the Executive Board of Aguirre Newman in Spain. In 2008, he founded his own investment company, Crimson Investment management. In 2011, he's elected for the National Parliament and was called for the government to Secretary of State to the Prime Minister of Portugal in charge of the Portuguese Adjustment Programme. In 2014, he became Member of the European Commission, as Commissioner in charge of Research, Science and Innovation.



John BELL

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.



Aminda LEIGH

Aminda Leigh is a British journalist with almost 30 years' experience, half of which working for various BBC radio and TV channels in the UK. She moved to Italy in 2001, from where she now runs her own business offering journalism, moderation, production and translation services for a wide variety of European and international clients.

She specialises in environmental issues - including climate change, the circular economy, green/blue growth, and research and innovation – as well as the audio-visual industry, culture and EU affairs. Aminda holds an Honours Degree in Philosophy, a Post-Graduate Diploma in Radio and TV Journalism and she is a published author.



Simona BONAFÈ

Born in Varese, Bonafè graduated in political science at the Università Cattolica del Sacro Cuore in Milan.

Bonafè started her political activity in 2002 with The Daisy party.[1] In 2004 she was appointed Councillor for the Environment in Scandicci, a role she held until 2013.[1] From 2007, she also worked as a journalist for the newspapers Corriere di Firenze and Europa.

She was elected to the Italian parliament in 2013 with the Democratic Party, and in 2014 she was elected Member of the European Parliament(MEP) with the same party collecting over 288,000 preferences.

A member of the Progressive Alliance of Socialists and Democrats group, she has since been serving on the Committee on the Environment, Public Health and Food Safety. In this capacity, she is the parliament's rapporteur on the EU Circular Economy Package and represented the Parliament at the 2016 United Nations Climate Change Conference in Marrakesh.

In addition to her committee assignments, Bonafé is a member of the parliament's delegation for relations with the People's Republic of China. She also serves as vice-chairwoman of the European Parliament Intergroup on Long Term Investment and Reindustrialisation[3] and as member of the European Parliament Intergroup on Integrity (Transparency, Anti-Corruption and Organized Crime).



Joanna DUPONT-INGLIS

Joanna Dupont-Inglis first joined EuropaBio, the European Association of Bioindustries, in February 2009 and in April 2011 was appointed Director of Industrial Biotechnology. Her work within EuropaBio involves developing a more supportive, predictable and coherent EU policy environment for the deployment of industrial biotech products and processes within the broader bioeconomy. EuropaBio seeks an Innovation-driven EU research agenda for Biobased Industries, enabled by Industrial Biotechnology. Coalition building with other sectors of the circular bioeconomy has been a key area of activity, both in the development of the €3.7 billion Biobased Industries Joint Undertaking (BBI JU) and through the European Bioeconomy Alliance. Joanna also works towards improving understanding of the benefits and solutions provided by industrial biotech as a key enabler of a more competitive, sustainable bioeconomy in tackling grand challenges such as resource efficiency, the need for food, feed, materials and fuels, climate change mitigation, jobs and growth. In 2016 Joanna was appointed as chair of the EU Bioeconomy Panel.

Parallel Sessions

AGRI: Innovation in the Bioeconomy: new opportunities for rural areas



Calliope PANOUTSOU

Dr Calliope Panoutsou is a Senior Research Fellow in the Centre for Environmental Policy in Imperial College London. She is chairing the biomass supply activities in the European Technology & Innovation Platform for Bioenergy (ETIP Bioenergy) and is a Vice Chair for the Scientific Committee of BBI JU. Her work focuses on biomass supply, sustainability, economic and socio-economic assessments of biomass, market & policy analyses. She has extensive research and project experience and has coordinated several EU projects involving multidisciplinary research in the field. She has recently led the work in Biomass Futures, Biomass Policies and S2Biom which informed policy on the role sustainable biomass can play in European bioenergy and bioeconomy.



Pierre BASCOU

Pierre Bascou is the Director for Sustainability and income support, DG Agriculture and Rural Development, European Commission. Between 2010 and 2014 he was Head of the Unit responsible for Agricultural Policy Analysis and Perspectives. From 2003 until 2009 he was heading the Unit in charge of the economic analysis of EU agriculture for the conception, the management and the evaluation of the Common Agricultural Policy. He received his PhD in Agricultural Economics (1989) from the Imperial College London, (UK) and became Engineer in agronomy from ESA Toulouse in 1986.

Bill MORRISSEY

Dr. Bill Morrissey is Procurement Manager in Glanbia Ireland. He has worked in the Agri-Food Sector since 1998 in a number of different roles including Supply Chain, R&D and Procurement. His PhD from University College Cork was undertaken while working in industry specializing in the commercial optimization of large scale

bacteria and yeast fermentations. He has worked with Glanbia since 2007 and is responsible for the commercial valorization of their whey side stream.



Oana NEAGU

Oana Neagu is director of the General Affairs team at Copa and Cogeca, which is an EU agricultural lobby organisation representing 23 million farmers and 22,000 agri-cooperatives.

She is an agricultural economist and holds a Master's degree in business administration. She previously worked at the European Commission's Directorate General for Agriculture as a policy officer, in charge of managing market measures. Prior to joining the Commission in 2006, she was the counsellor for European integration at the Ministry of Agriculture in Romania, and was involved in preparing Romania's accession to the European Union.



Lena BRUCE

Dr Lena Bruce, chairperson of the EUSTAFOR Bioeconomy working group, is Business Developer at Sveaskog, the Swedish state forest organisation. She has an extensive experience from working with bioeconomy development issues, both from the business development working at Sweden's largest forest company and from the academic side as a researcher within IEA Bioenergy Task 40. She acquired her PhD in Ecology in 2003 and has since then worked in various roles within the energy and forest sector. Before joining Sveaskog she held the position as vice president of the Swedish Bioenergy association.



Davy LIGER

Davy LIGER, 37 years old, veterinarian by training, has been working for the French ministry in charge of agriculture for 14 years. He used to be the head of slaughterhouses office for 4 years.

He is now the head of bioeconomy office and has participated to the development of the French bioeconomy strategy which has been officially adopted by French public authorities in May 2017.

CLIMA: Climate benefits of the bioeconomy**Anna-Kaisa ITKONEN**

Anna-Kaisa Itkonen is the Commission Spokesperson for Climate Action and Energy. Prior to her current job, she was the Head of Communications at the Finnish Prime Minister's Office. Itkonen was member of cabinet of Vice-President for Economic and Monetary Affairs, Olli Rehn, and has worked with EU-communications at the Parliament of Finland and in the Commission Representation in Helsinki. Itkonen holds an MA from University of Edinburgh and an LL.M. from University of Helsinki.

**Bart MUYS**

Bart Muys is full professor of forest ecology and management at K.U.Leuven, Faculty of Bioscience Engineering. He is specialized in sustainable forest management, forest ecology, land use impact assessment, sustainability assessment of bioenergy systems. He leads Jatropha research focused on land suitability, biomass allocation, yield, water use efficiency, root development, carbon and energy balance.



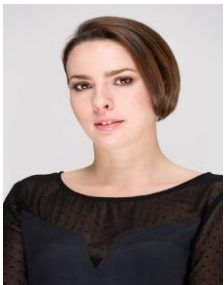
Daniel ZIMMER

Daniel Zimmer is the Director of Sustainable Land Use in Climate-KIC, Europe's largest public-private innovation partnership focused on climate change and consisting of companies, academic institutions, public authorities and NGOs. Climate-KIC (Knowledge and Innovation Communities) was created in 2010 by the European Institute of Innovation and Technology (EIT). Climate KIC integrates education, entrepreneurship and innovation resulting in viable products or services that help to mitigate and adapt to climate change.



Emma BERGLUND

Emma Berglund is the Secretary General of the Confederation of European Forest Owners (CEPF), a non-profit organisation representing the interests of Europe's millions of private forest owners. It promotes the concept of family forestry through collaboration by its members, cooperation with the European institutions as well as extensive networking activities. CEPF's mission is to assist and strengthen an economically viable, socially beneficial, culturally valuable and ecologically responsible sustainable management of private forests.



Enrica ARENA

Enrica Arena works in Orange Fiber SME. Orange Fiber is a company that has patented a new high quality silk-like textile obtained from the orange food industry by-products and waste. The fabric can blend with other materials and it has now been adopted by some fashion industry players. The company was set up by two young entrepreneurs in 2014: Enrica Arena and Adriana Santanocito. Orange Fiber is part of Fashion Tech Lab, a global structure that combines an investment company, a multinational accelerator and an experimental laboratory, all aimed at helping new technologies and sustainable innovations connect.

ENER The integrated roles of biorefineries and bioenergy in the bioeconomy



Hans VAN STEEN

Hans van Steen is Adviser on Renewables, Research, Innovation and Energy Efficiency in the Directorate General for Energy in the European Commission. Mr van Steen began his career in the Danish Ministry for Education and later moved to the Ministry for Energy as Head of Sector for European and Nordic energy co-operation. He joined the European Commission in 1989 as a Seconded National Expert, working mainly in the area of energy technology dissemination. Following several assignments in the fields of energy and transport, he became Deputy Head of Unit for Inter-institutional Affairs (2001-2006), Head of Unit for Renewable Energy (2006 - 2013) and International Energy Relations and Enlargement (2013 - 2017). He took up his current responsibilities on 1 May 2017. Mr van Steen holds a Master's Degree in Political Science from the University of Århus, Denmark.



Adam BROWN

He has expert knowledge of renewable energy gained through over 38 years' experience working with governments and industry internationally. He has broad experience in renewable energy technology and policy analysis. As a Senior Energy

Analyst in the Renewable Energy Division at the International Energy Agency in Paris, he authored reports on renewable energy policy and policy best practice, and on renewable heat. He has particular expertise in bioenergy. He was Technical Coordinator for the IEA Bioenergy Technology Cooperation Programme. He authored the bioenergy chapter of the REN21 Global Status Report on Renewables in 2016 and 2017. He was author of the IEA's Roadmaps on Biofuels for Transport (2011) and on Bioenergy for Heat and Power (2012) and he is currently leading an update of these roadmaps which will be published in November 2017.



René VAN REE

René van Ree has worked in the Energy Sector for more than 25 years, with my main focus on biorefining, bioenergy, advanced biofuels and biobased products. The development and deployment of sustainable biobased value chains to create a Circular BioEconomy is his major driver. He is currently employed at Wageningen Food and Biobased Research, a contract research institute that is part of Wageningen University and Research. His main responsibilities are strategy development and project acquisition. He is a coordinator of IEA Bioenergy Task42 Biorefining, Member of the Steering Committee of the European Technology and Innovation Platform (ETIP) Bioenergy, Member of the European Energy Research Alliance (EERA) Bioenergy and Member of the H2020 Energy Advisory Group of the Dutch Ministry of Economic Affairs.



Gisle Løhre JOHANSEN

Gisle L. Johansen graduated from the Norwegian University of Science and Technology in Trondheim with a MSc in Organic Chemistry in 1985. He spent his first 6 working years in a start-up company doing contract research on geochemical fossils and pharmaceutical intermediates. Since 1991 he has been employed by Borregaard, gaining a broad experience both within R&D and operations. He is head of Borregaards R&D and New Business development activities since 2007 and additionally Fine Chemicals since 2014, and is a member of Borregaards Top

Management Team since 1999. He is a board member of Wallenberg Wood Science Centre in Sweden since 2013.



Sari MANNONEN

Sari Mannonen is Vice President, responsible for UPM Biofuels Strategic Business Unit based in Helsinki, Finland. Previously, she worked in UPM Biofuels as Director, Sales & Marketing, responsible for commercial strategy and product launches in Biofuels business, as well as Director, Business Relations, where her contact groups included technology, supplier in biofuels sector, investors, reporters, EU and national decision makers, NGOs, and financial audiences. Sari has over 15 years' experience in leading global sales & marketing, customer management, customer strategy & business relations as well as business development in different global businesses. Sari has a PhD degree in Biochemistry from the University of Helsinki and diplomas in business management and leadership from business schools at Henley, IMD and the Helsinki School of Economics.



Markus RARBACH

Dr. Markus Rarbach, born 1968, is Head of Start-up Business Project Biofuels & Derivatives at Clariant's Group Biotechnology in Munich Germany. Heading Clariant's bioethanol operations, Dr. Rarbach is responsible for the development and commercialization of Clariant's sunliquid® technology for the conversion of cellulosic feedstock into 2nd generation bioethanol.

Rarbach obtained his doctorate as in 1999 at the Institute of Biotechnology at Technical University Berlin. Then he worked at the Max-Planck-Institute in Göttingen with Nobel laureate Dr. Manfred Eigen. In November 2000 he joined DIREVO Biotech AG as Department Head of Screening and Automation assumed

responsibilities of a Vice President Operations of DIREVO in 2005. In November 2006 Dr. Rarbach joined Süd-Chemie as Head of Biocatalysis at Süd-Chemie's Corporate Research and Development department in Munich, before Süd-Chemie was acquired by Clariant.

Ecosystems as the productive basis of the bioeconomy – health, resilience and productivity (DG ENV)



Humberto DELGADO ROSA

Humberto Delgado Rosa is the Director for Natural Capital, DG Environment, European Commission. Previously he was Director for Mainstreaming Adaptation and Low Carbon Technology in DG Climate Action. He is experienced in European and international environmental policy, particularly in biodiversity and climate change issues. He served as Secretary of State for the Environment of the Portuguese Government from March 2005 to June 2011. Between 1995 and 2002 he was an advisor for environmental matters to the Prime-Minister of Portugal. He holds a PhD in Evolutionary Biology. H. Delgado Rosa was born in Lisbon in 1960.



Prem BINDRABAN

Dr Prem Bindraban is Director of European-Netherlands Office of International Fertilizers Development Center. He developed a global research network to produce the next generation fertilizers based on plant biological knowledge and advanced bio-nano-chemistry that are more effective, improving yield and food quality, while reducing environmental side effects. IFDC implements large development program in African and Asian countries to build public-private relations for developing food value chains with specific expertise in fertilization and plant nutrition.

Prior to that, Bindraban was director of ISRIC World Soil Information at Wageningen UR (WUR), leader international research at WUR's Agrosystems Research PRI (Plant Research International), and head of the Natural Resources unit at PRI of WUR, the Netherlands. He served as researcher at the International Maize and Wheat

Improvement Center (CIMMYT) and at the International Rice Research Institute (IRRI). Bindraban contributed to a “Strategic Plan for Agricultural Development in Africa” as associate director at the request of former UN Secretary-General Kofi Annan. He lectured on World Food Security and Crop Modelling at Universities of Wageningen, Amsterdam and São Paulo.



Helmut HABERL

Helmut Haberl, associate professor in Human Ecology, is director of the Institute of Social Ecology, Alpen-Adria Universität Klagenfurt, Wien, Graz. He obtained his doctorate in Ecology in 1995 and his habilitation in Human Ecology in 2001, both from the University of Vienna. His research is focused on socioeconomic metabolism, land use, sustainability indicators, integrated land-change science and long-term socio-ecological research. He served as lead author in the Global Energy Assessment (2012) and in the 5th Assessment Report of the IPCC (working group III). He was awarded with an ERC Advanced Grant in March 2017.



Marta SANTAMARIA

Marta Santamaria is the Natural Capital Coalition’s Technical Director. She has 15 years of experience promoting environmental economics and natural capital valuation, both in the public and the private sectors. Prior to her appointment at the Coalition, Marta worked as Scientific Project Officer for the European Commission’s Institute for Energy and Transport. In the past, she has worked for PwC, the Spanish National Research Centre of Energy, Environment and Technology, Red Eléctrica de España and the Universidad de Alcalá. In 2012, Marta was awarded a PhD in Global Change and Sustainable Development from Universidad de Alcalá, Madrid, Spain.



Sini ERÄJÄÄ

Sini Eräjää is EU Bioenergy Policy Officer in BirdLife Europe. Sini works on EU policies for more sustainable use and production of bioenergy with BirdLife Europe, based in Brussels and engaging in advocacy, research and campaigning on bioenergy. She is also a member of the Commission's Bioeconomy Stakeholder Panel. BirdLife Europe is a Partnership of 48 national conservation organisations and a leader in bird and nature conservation. She holds a degree in ecology and environmental management and has researched the ecological impacts of wood fuel harvesting. She has previously worked for environmental organisations in Finland in the fields of forest conservation and management, climate change and communications projects and for the Ministry of Environment in Finland.

GROW: The role of bioeconomy in advancing circular economy



Luisa PRISTA

Luisa Prista is Head of the 'Chemicals' Unit at the European Commission in DG GROW. As a background she is a Mechanical engineer in applied thermodynamics. Previously, and for 23 years, she was at DG Research and Innovation, on management positions leading different units: Eco-Innovation, SMEs, Manufacturing, Materials, Nanotechnologies and Steel, Measurements and Testing, Security, Space, Transport, and Science in Society.

Before joining the Commission she worked in Switzerland at Lombardi engineering, later in the Environmental Department at Canton Ticino, and finally at the Swiss Federal Government heading of the service 'Infoenergie'.

Even before, she has been a lecture and researcher at the university in Lisbon and site engineer at Profabril, where she carried out energy audits in different manufacturing sectors.



Chris THORNTON

Chris Thornton has been working with the phosphates industry on recycling since 1998. He is today Secretariat of the European Sustainable Phosphorus Platform (ESPP), promoting the implementation of sustainable phosphorus management in Europe, in particular phosphorus recycling. ESPP is a non-profit organisation, funded by its members. It includes several UK water companies, which brings together a range of different industries (water and waste companies, mineral and organic fertilisers, chemicals, recycling technologies), knowledge institutes and public establishments. He also works with the phosphate industry in chemical regulation (REACH) and on phosphorus and human health, as well as with the non-halogenated flame retardant industry (pinfa).



Kristy-Barbara LANGE

Kristy-Barbara Lange is Deputy Managing Director at European Bioplastics and responsible for regulatory affairs. She manages the EUBP Working Group Regulatory Affairs and together with Hasso von Pogrell represents EUBP's members' interests vis-à-vis the European institutions. She joined EUBP in 2010 after working several years in international PR-agencies with a focus on the industry sectors infrastructure and (renewable) energy. Her clients comprised Swiss natural gas pipeline builder Nord Stream and Norwegian solar panel manufacturer REC. She holds a Master degree in Political Science from Heidelberg University, Germany.



Harmen WILLEMSE

Mr Willemse graduated from Rotterdam School of Management, Erasmus University Rotterdam, with a degree in Business Administration, major Management of Innovation. His thesis project dealt with stakeholder involvement in standardization. He has worked as a consultant in several companies in the IT and management consultancy sector. Currently he works at NEN, the Dutch Standardization Institute, where he focuses on the development of standards and certification schemes in relation to the bioeconomy and other sectors.

JRC: Indicators for the bioeconomy: what do we need, what do we have, what are the gaps?



Giovanni DE SANTI

Giovanni De Santi is the Director of the Directorate for Sustainable Resources , European Commission's Joint Research Centre. Previously he was Director of the Directorate Competences. He also held a position of the Director of the Institute for Energy and Transport. The Institute represented the reference centre of the European Commission for research in the energy field and sustainable transport. He has been working for the European Commission since 1985. He holds a PhD in

Fluidodynamics and is author of many peer reviewed publications in high level scientific journals and Chairman of many international conferences.



Joachim KREYSA

Dr. Kreysa joined the EC in 1985, to run a study on the future of forestry & forest industries in Europe. From 1989 he set-up and worked in ÉCLAIR and AIR, the first Agro-Industrial Research Programmes, including inter alia projects on biorefineries. Since then, he worked in different functions and a range of topics, including development cooperation, BSE, recruitment, REACH/ECHA, alternative testing methods, and GMO-detection. Today he is back to his roots as the BioEconomy Advisor to the JRC's Director for strategy and work programme coordination.



Marcos DOMÍNGUEZ-TORREIRO

Marcos Domínguez-Torreiro is a Research Fellow at the Competence Centre on Composite Indicators and Scoreboards (CC COIN) of the Joint Research Centre of the European Commission. He is specialised in policy oriented research, drawing heavily on applied statistics and econometrics. After his undergraduate studies in Economics and Business Administration, he completed his doctoral thesis in Applied Economics at the University of Vigo, Spain. His past work experience includes academia, as well as the public administration and private sector. He has co-authored several books, book chapters, journal articles and science for policy reports in the fields of composite indicators, consumer behaviour, environmental and natural resource economics, rural development, institutional economics and finance.

Andrea CAMIA



Since 2004, Andrea Camia has been Scientific Officer at the Joint Research Centre of the European Commission, adjunct professor at the University of Torino and University of Palermo from 1996 to 2003, PhD in Forest Sciences in 1995. Currently he is the leader of the Bioeconomy Project in Directorate JRC.D - Sustainable Resources, encompassing the coordination of the JRC Biomass Study (under the mandate agreed by the EC Services on the provision of data and analysis on biomass flow, supply and demand by the JRC on a long-term basis) and the Bioeconomy Knowledge Centre.



Robert M'BAREK

Robert M'barek is an Agricultural Economist at the European Commission's Joint Research Centre, Directorate for Sustainable Resources (Seville). He received his PhD on EU trade relations from the University of Hohenheim, Germany. He is coordinating activities of the agro-economic modelling platform iMAP and is involved in analyses related to the Common Agricultural Policy, trade, markets and the European bioeconomy.



Giulio VOLPI

Giulio Volpi works in the Renewables and CCS Policy Unit of the Directorate General for Energy of the European Commission, where he coordinates the bioenergy policy file. Giulio has over 15 years of professional experience in the field of clean energy, climate change and environment policy, including working in Latin America. Giulio has a European Master's Degree in Environmental Management (Erasmus University) and MA in Political Sciences from Pisa's university. He has also concluded advanced studies on energy markets at the Florence School of Regulation, European University Institute.



Anne TELLER

Anne is Senior Expert in the Biodiversity unit, DG Environment, European Commission. She is experienced in European and internal environmental policy, particularly the improvement of the knowledge and evidence base for EU policy. She worked for the Belgian regional and national environment administration from 1994 to 2001. Before, she worked for the European Commission's Task Force for the European Environment Agency and DG Research. She graduated as Forest Engineer at the University of Brussels and holds a Master of Science in Forest and its relation to Land Management, Oxford University. She was born in Brussels in 1960.



Katja ZBORALSKI

Katja Zboralski is assistant head of the division Bioeconomy at the German Federal Ministry of Education and Research in Berlin. She is involved in the promotion of research on bioeconomy as societal change and measures fostering technology transfer. Before entering the ministry in 2009 she worked as research associate and postdoctoral research fellow at the Chair for Technology and Innovation Management, Technical University Berlin. Katja Zboralski holds a Joint Master's Degree in Business Administration and Engineering and a PhD in Economics. She was born in 1974 in Magdeburg.



Pilar LLORENTE

Pilar Llorente is a Project Officer at the Bio-based industries Joint Undertaking. She works in the monitoring and analysis of the contributions of BBI projects to BBI key performance indicators and their environmental and socio-economic impact. She has an MSc in Physics and an MA in EU Policies and Economics. Before joining the BBI JU, she has worked at the European Commission, DG RTD, as a project engineer in the energy sector and as a consultant for R&D projects.

MARE: A dive into the blue bioeconomy



Bernhard FRIESS

Since January 2017, Bernhard Friess has been Director responsible for "Maritime Policy and Blue Economy" in the European Commission's Maritime Affairs and Fisheries Directorate-General.

Mr Friess' career with the European Commission included assignments in the areas Competition Policy, Internal Market Policy, Maritime Policy and Fisheries, and Education and Training.



Daniela SCHMIDT

Daniela Schmidt is a Professor of Palaeobiology at the University of Bristol. Her research focuses on understanding the causes and effects of global warming and

ocean acidification, both in the modern era and in geological time. One of her research highlights was the characterisation of the unprecedented rate of change of past intervals of rapid environmental change and the biotic response to these changes. She has contributed as a lead author of the 2014 IPCC report WGII in the Ocean chapter and she is currently an Expert Group Member of EU SAPEA (Science Advice for Policy by European Academies) of the European Scientific Advice Mechanism (SAM) on the topic "Food from the Oceans".



Neil AUCHTERLONIE

Neil Auchterlonie joined the Marine Ingredients Organisation IFFO in 2015, having worked previously in technical and production positions in aquaculture companies, consultancies, and government department and research agencies in the UK. Neil has a strong track record in managing aquaculture and fisheries science programmes in both public and private sector, specialising in commissioning, managing and reporting on science that addresses policy questions for both government and industry. He has held positions on a number of scientific and technical committees and has a strong interest in technology transfer within the seafood industry. Neil holds a BSc in Marine and Freshwater Biology from Stirling University, an MSc in Applied Fish Biology from the University of Plymouth, and a PhD in Aquaculture (halibut physiology) from Stirling University.



Vítor VERDELHO VIEIRA

Vitor Verdelho is manager of several companies that he co-created with Partners in different sectors. He started the development of his first biotech company, Necton, SA, in March 1989. He is also co-founder and Board Member of A4F Algae for Future, SA an international reference company in the sector of microalgae technologies (www.a4f.pt). In the different companies he has formulated and managed several R&D projects; A4F had 7 projects financed in the FP7 programme with already 3 in the H2020. Developed and participated in 38 R&D projects along the last 25 years. Graduated in Physics and has more than 25 years of experience in

Microalgae Biotechnology and business development. His activities involved the management of research projects, technology transfer and new business development. He is the President of EABA - European Algae Biomass Association (2015-2019).



Pierre ERWES

Pierre Erwes is an oceanographer with later specialization in IT and marketing. He is an entrepreneur who has over thirty years of international experience, primarily in the areas of marine bio resources and new technologies. He exercised managerial responsibilities at several companies and international groups.

From 2005 to 2008, Pierre Erwes worked at the scientific foundation of Lyon that supported the development of innovative projects, as well as in the organization the world life Sciences forum, BioSquare, and BioMarine. In 2013 Pierre Erwes launched the BioMarine International cluster's association. In May 2016, he is launching BlueForward, a Venture Capital fund that will invest in innovative European SMEs that brings sustainable solutions of the Blue Economy.

REGIO: Bioeconomy and Smart specialisation in regions



Katja REPPEL

Katja Reppel is a Deputy Head of the Unit for smart and sustainable growth of the European Commission's Directorate General for Regional Policy. She is a senior EU policy expert and communication professional with over 20 years' experience in different European and national organisations. Her fields of expertise are research, innovation, SME competitiveness, digital economy, education policy, smart specialisation and synergies between EU funding instruments. Previously, she was Deputy Head of Unit in DG Enterprise and Industry, held positions in DG Employment, and in the German Federal Ministry of Economy and Technology and the Council of Europe.



Daniele COLOMBO

After his degree in Economics, Daniele Colombo started working for the innovation agency of the Chamber of Commerce of Milan. In 2008 -12 has been Seconded National Expert in DG GROW and started working on bioeconomy issues. He's member of the EC Expert Group on Bio-based Materials, of the European Working Group on Renewable Raw Materials and has been President of the Lombardy Green Chemistry Cluster between 2013-16. He's now Technical Coordinator of the Bioeconomy Pilot of the Vanguard Initiative.



Lieve HOFLACK

Lieve Hoflack is project manager at Bio Base Europe Pilot Plant. She holds a PhD in biotechnology (Ghent University, 1998) and has been working as a researcher in academia (University of TX Health Science Center, Ghent University), as well as in biotech SMEs (Plant Genetic Systems, Dyax, Vivactis), and later as project manager in SMEs (MintEurope, Bio Base Europe Pilot Plant). She coordinated the project Bio Base NWE that was nominated for the 2017 Regiostars award in the category innovation. She also coordinated FP7, Horizon2020 and Interreg projects such as IB2Market, Pilots4U and BioBase4SME.



Antoine PEETERS

Antoine Peeters is heading the External Relations, Partnerships and Communications department of IAR - The French Bioeconomy Cluster which he joined in September 2015. As part of his activities for IAR, he is also managing the association Protéines France. Prior to joining IAR, Antoine worked several years for EuropaBio, the European Association of Bioindustries, as public affairs and UE projects manager as well as for a public affairs and communication consultancy. Antoine has an academic background in Political Sciences from the Louvain-la-Neuve University, Belgium, the Pantheon-Sorbonne University and a Master degree in European Affairs from ISMaPP, France.

SANTE: Practice of food waste prevention as implementation of policy of circular economy

Aminda LEIGH, see High-level Opening session



Sabine JÜLICHER

Dr Sabine Jülicher is Director for food and feed safety, innovation in the Directorate General for Health and Food Safety of the European Commission. She is responsible for policies relating to a range of sectors such as food information & composition, food waste, food processing technologies, novel foods, biotechnology, pesticides, biocides as well as veterinary medicines & animal nutrition. During the period 2013 to 2015, she has been Head of Unit responsible for policy matters related to authorisation and monitoring of medicines and relations with the European Medicine's Agency. Before that, she has been responsible for audits and inspections in the area of food of animal origin in EU Member States, accession countries and third countries trading with the EU.



Paul FEATHERSTONE

Paul Featherstone is Group Director of SugaRich, the UK's largest recycler of surplus food into high quality animal feed. Paul is responsible for procurement, logistics and the vitally important link between the business and regulatory authorities and associated trade partners. He is the current President of The European Former Foodstuff Processors Association (EFFPA) representing the interests of all EU member states' businesses involved in the safe processing of food to feed. In addition he is Chairman of the United Kingdom Former Foodstuff Processors Association (UKFFPA) and leads the UK contingent in Europe. In conjunction with his EFFPA role, he works directly with DG-SANTE, DG-AGRI and DG-ENVI. Paul is a graduate of the Royal Agricultural College, and has an MBA from Kingston University, London.



Jolanda SOONS-DINGS

Jolanda Soons-Dings is Sustainability Program Manager in Lamb Weston / Meijer vofholds. She has a master degree in animal science from Wageningen University. She started her career in 1990 in the food industry, managing Quality Assurance, Food Safety and Regulatory Affairs at European level. In 2011 she took up the responsibility, within Lamb Weston / Meijer (LW/M), to develop a companywide sustainability strategy and program towards 2020 and currently leads the LW/M sustainability program in Europe. She represents LW/M as content matter expert in different committees within EUPPA (European Potato Processors' Association) and within FDE on behalf of EUPPA. Since 2013 she is the chair of the EUPPA Sustainability Committee and leads the development of the sustainability agenda for the EU potato processing sector, established working priorities for non-competitive areas and developed position statements on key priorities like 'food loss and waste' and sustainable use of water.



Erica VAN HERPEN

Dr. Erica van Herpen is Associate Professor at the Marketing and Consumer Behavior Group of Wageningen University. Her research focuses on consumer decision making, examining how consumers can be stimulated to buy more healthful and sustainable products as well as in-home use of food products. A key research interest is in-home food waste: why do consumers waste food products and which interventions can help diminish this. Dr. Erica van Herpen co-coordinates the work on consumer understanding in relation to food waste generation for the H2020 project REFRESH.



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.

Closing Session



Phil HOGAN

Phil Hogan is the EU Commissioner for Agriculture and Rural Development since November 2014. Commissioner Hogan grew up on a farm in rural Kilkenny, in south-east Ireland. From 1989 until he became Commissioner, he represented the Carlow/Kilkenny constituency in Dáil Éireann, the Irish Parliament, where he served in the Fine Gael Party shadow cabinet and as spokesman on Europe, on the food industry, on consumer affairs and on regional policy. Between 2011 and 2014, he served as Minister for the Environment and Local Government in the Irish Government of Prime Minister Enda Kenny TD. During this time, he successfully implemented a broad-ranging agenda, including the biggest reform of local government since the foundation of the Irish State. He has also occupied various senior posts at local, national and European level, including President of the Council of EU Environment Ministers (2013), Chairman of the European People's Party of Environment Ministers (2012-14), National Director of Elections for the Fine Gael party (2010-11), Fine Gael Director of Organisation (2002-07), Chairman of Kilkenny County Council (1985 and 1998), Chairman of the Fine Gael Parliamentary Group (1995-2001) and Minister of State at the Irish Department of Finance (1994-95).