

THE CRITICAL DECADE OF ACTION

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EEAC
30th
anniversary



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SEPTEMBER 14TH & 15TH, 2022

Helsinki, Finland

**ORGANISED BY THE FINNISH EXPERT PANEL FOR SUSTAINABLE
DEVELOPMENT, THE FINNISH CLIMATE CHANGE PANEL & THE FINNISH
NATURE PANEL**

PROGRAMME AND SPEAKER DETAILS

DAY 1**Wednesday 14th of September****09:00-09:30 HIGH LEVEL OPENING***Venue: Paasitorni, room Siltasaari Hall & Online**Moderated by reporter Hanna Nikkanen***Speakers:**

Ms. **Zahra Karimy** is a Finnish climate activist and a journalist. Currently she is working in the Finnish Broadcasting Company. She has previously been the chair of the Children's Government of the Plan International Finland.

Katriina Siivonen is University Lecturer in Futures Studies at University of Turku (UTU), Adjunct Professor in Cultural Heritage studies (UTU) and PhD in European Ethnology (UTU). She is the Co-Chair of the Expert Panel for Sustainable Development in Finland. She chairs Advisory Board of the implementation of the Unesco Convention for the Safeguarding of the Intangible Cultural Heritage in Finland. Recently, she led the research project DYNAMO (Dynamic Museum and Heritage Futures Workshop as instruments for ecological reconstruction). She is expert in qualitative research, participatory futures studies methodology, identities, heritage futures, cultural heritage and cultural sustainability transformation.



Arnau Queralt-Bassa has been the Director of the Advisory Council for the Sustainable Development of Catalonia since October 2011. He has been the chair of the network European Environment and Sustainable Development Advisory Councils (EEAC) from January 2015 and co-chair of its WG Sustainable Development. On behalf of the EEAC, he has been observer to the European Commission High Level Multi-Stakeholder Platform on the implementation of the Sustainable Development Goals in the EU and member of the Group of Experts on Sustainable Development Goals and Higher Education of the Global University Network for Innovation (GUNi).

Since 2017 he serves as secretary of the Interministerial Commission for the implementation of the 2030 Agenda in Catalonia and, from 2020, he is member of the Sectorial Commission for the 2030 Agenda in Spain on behalf of the Government of Catalonia.

Member of the Union for the Mediterranean Climate Change Expert Group and member of the Steering Committee of the network of Mediterranean Experts on Climate and environmental Change (MedECC). Member of the Assembly of European Regions (AER) taskforces on SDGs and Climate Change.

He was the director of the Patronat Català Pro Europea consortium and member of the Board of Governors and Academic Council of the University Institute for European Studies (Autonomous University of Catalonia). He chaired the Catalan Association of Environmental Professionals from 2010 to 2012.

09:30-10:30

KEYNOTE SESSION: JOINING FORCES FOR SUSTAINABILITY TRANSFORMATION*Venue: Paasitorni, room Siltasaari Hall & Online***Speakers:**

Dr. Johanna Kentala-Lehtonen is a Senior Specialist in EU Affairs at the Prime Minister's Office. Her main responsibility is to coordinate Finland's EU positions concerning the European Green Deal, particularly in climate, environmental, forest and agricultural issues. She has a doctoral degree in Social Sciences; her doctoral thesis on international relations concerned Finnish business actors influence on climate politics. She is also a board member of Maj and Tor Nessling Foundation, which funds research for understanding and implementing the sustainability transition.

Olli Kärkkäinen works as a chief specialist at the Ministry of Finance. His responsibilities include supporting data-driven and evidence-informed policymaking as well as coordination of large inter-administrative projects. Mr. Kärkkäinen holds a M.Sc. in economics and has more than a decade of experience as a researcher and economist both in the public and private sector. Kärkkäinen was also a member of the Strategic Research Council - an independent body established within the Academy of Finland, which funds high-quality multidisciplinary research with great societal relevance and impact. In addition to his main job, Olli Kärkkäinen has also worked as a lecturer on evidence-informed policy making and evaluation methods.



Myriam Bovéda is Team Leader for Sustainable Growth at the European Commission's Directorate-General for Regional and Urban Policy. Myriam works with other Commission services to integrate the European Green Deal objectives into cohesion policy investments across the EU. Myriam holds a Master degree in European law (Toulouse and London) and has 25 year experience of working on cohesion policy and sustainable growth both in the private and public sectors at European and local levels.

Dr. Åsa Persson is Research Director and Deputy Director at the Stockholm Environment Institute, a world-leading research institute on sustainable development, and Docent at the Department of Thematic Studies, Linköping University. She was appointed by the UN Secretary General to the Independent Group of Scientists to draft the 2023 UN Global Sustainable Development Report, taking stock of SDG implementation at its halfway point. Dr Persson is a social scientist and expert on governance for sustainable development, with a PhD degree from the London School of Economics and Political Science. Her previous research topics have included developing the planetary boundaries, global governance of climate adaptation, governance of SDGs and environmental policy integration. She is a frequent speaker on the science-policy interface and passionate about making policy more evidence-based and science more policy-relevant.



Professor **Lassi Linnanen** is a professor of environmental economics and environmental management at the Lappeenranta-Lahti University of Technology (LUT). He is the Co-Chair of the Expert Panel for Sustainable Development in Finland. His core expertise includes sustainability science, evaluating sustainability and sustainable change. For more information about his work, visit the website for [Finnish Expert Panel for Sustainable Development](#).

11:00-12:45

PARALLEL SESSION 1: SUPPORTING SUSTAINABILITY AGENCY IN EUROPE*Venue: Paasitorni, room Juho Rissanen***Speakers:**

Annika Lindblom works as Director for International and EU Affairs in the Ministry of the Environment of Finland. She also serves as Vice-President of the European Sustainable Development Network. Ms. Lindblom has developed national sustainable development policies and practices as Secretary General of Finland's Commission on Sustainable Development until 2020. Now she acts as senior adviser for sustainable development in Finland's international relations. She is political scientist by education.

Filipe Duarte Santos holds a M.Sc. in Geophysics by the University of Lisbon and a Ph.D. in Theoretical Physics by the University of London. Full professor of Physics and Environmental Sciences at the University of Lisbon and Director of the PhD program on Climate Change and Sustainable Development Policies – University of Lisbon, New University of Lisbon and University of East Anglia. His present area of research is climate change and sustainability. He has published more than 160 papers in SCI-indexed scientific journals in physics, climate change and sustainability and various books. He coordinated more than 50 research projects in those areas, was review editor of the IPCC AR5 WGII and is presently chairman of the Portuguese Council of the Environment and Sustainable Development. Full member of the Lisbon Academy of Sciences and a member of the Environment Steering Panel of EASAC (European Academies Science Advisory Council).



Dr. **Armi Temmes** is an active member of Activist Grannies (Aktivistimummot), a Finnish network of grannies who want to share their life experience and wisdom to help save our planet as a good place to live for our grandchildren. She is a retired researcher and sustainability manager. Her main research interests were sustainability transitions in the energy field, including transport. Her other research interests include corporate sustainability management and path dependencies of strategies. Trained originally as a microbiologist she also has long experience on paper industry, industrial R&D, and environmental management.

Lasse Peltonen (D.Adm.Sc., environmental policy) is professor of environmental governance and conflict resolution at the University of Eastern Finland (Joensuu campus). His research interests include environmental conflicts, conflict resolution and collaborative processes in the fields of natural resources, nature conservation and land use planning. At UEF, he also serves as co-director of the International Master's programme on Environmental Policy and Law. Peltonen has worked in several European and Finnish research projects, including consortium lead in the recent "Collaborative remedies for fragmented societies – facilitating the collaborative turn in environmental decision-making" (CORE), funded by the Strategic Research Council at the Academy of Finland, 2017-2022. In addition to his academic role, Peltonen is the co-founder of Akordi Oy, a social enterprise specializing in conflict resolution, process design, mediation and facilitation in Finland.



Eeva Furman is the Secretary General of the Finnish Sustainable Development Committee. From 1.1.2019-14.8.2022 she serves as the chair of Finnish Expert Panel for Sustainable Development, and in that role has also been the member of EEAC Board. She has been a member of the working group drafting the UN's Global Sustainable Development Report 2019, and the Director of the Environment Policy Centre at the Finnish Environment Institute, where she runs the food-related sustainability project. Eeva Furman has been researching and developing environmental and sustainable development governance for more than 20 years. She is an ecologist from training (MSc in zoology, University of Helsinki, PhD in marine biology, University of Wales, Menai Bridge). Together with her three children, she is the founder of the Ilkka Hanski Nature Network which aims to protect local biodiversity for future generations as well as experiment local community action.

Moderated by:

Katriina Siivonen is University Lecturer in Futures Studies at University of Turku (UTU), Adjunct Professor in Cultural Heritage studies (UTU) and PhD in European Ethnology (UTU). She is the Co-Chair of the Expert Panel for Sustainable Development in Finland. She chairs Advisory Board of the implementation of the Unesco Convention for the Safeguarding of the Intangible Cultural Heritage in Finland. Recently, she led the research project DYNAMO (Dynamic Museum and Heritage Futures Workshop as instruments for ecological reconstruction). She is expert in qualitative research, participatory futures studies methodology, identities, heritage futures, cultural heritage and cultural sustainability transformation.

11:00-12:45

PARALLEL SESSION 2: SUSTAINABILITY OF THE USE OF NATURAL RESOURCES: ROLE OF BIODIVERSITY OFFSETTING*Venue: Paasitorni, room Siltasaari Hall & Online***Speakers:**

Dr. Juhani Damski is the Permanent Secretary of the Ministry of the Environment, Finland. Prior to the current position Mr. Damski was the Director General of the Finnish Meteorological Institute (FMI). Dr. Damski has 30 years of experience in the public sector. Dr. Damski holds a PhD in Meteorology from the University of Helsinki. Among other national and international positions of trust Mr. Damski is a member of Oulu University Board of Directors and Arctic Advisory Board. He is Co-Chair of the Working Group on Construction under the Finnish-Russian Intergovernmental Commission for Economic Cooperation. He is also a member of the Smart & Clean Foundation Supervisory Board, ClimateArena Board of Directors and Forest Academy for Decision Makers Advisory Board. Dr. Damski was the Permanent Representative of Finland with the World Meteorological Organization (WMO) and President of the Council of the European Centre for Medium-range weather forecasts (ECMWF). He was also the Chairman of the National IPCC committee and Member of the Research Infrastructure Committee of Finland, the Space Committee of Finland as well as of the Arctic Advisory Board for the Government of Finland.



Professor **Janne Kotiaho** works as a professor of ecology at the University of Jyväskylä and has been the chairperson of the Finnish Nature Panel since 2019. He has a long and wide experience in various representative positions in biodiversity issues, both at the national and international level. Kotiaho's research interests include especially questions related to ecology, evolutionary biology and science-policy interface. He brings his expertise to the Finnish Nature Panel especially on habitat restoration, biodiversity offsetting and on international negotiations. According to Kotiaho, solutions for biodiversity loss and climate change will decide the fate of humankind.

Professor **Markku Ollikainen**, Chair of the Finnish Climate Change Panel, is an Emeritus Professor of Environmental and Resources Economics at the University of Helsinki. He has extensive scientific experience in designing economic instruments for climate mitigation and environmental policy. He has collaborated with forest scientists, ecologists, marine biologists and crop scientists in Finland and abroad. He has studied a wide range of market mechanisms such as emissions trading, emission taxes, water quality offsets, as well as tendering and ecological compensations systems for carbon farming and forest sinks.



Ilona Lundström, D.Sc. (admin) is head of Innovation and Enterprise Financing Department at Ministry of Economic Affairs and Employment of Finland. In this capacity, she is responsible for Finland's national innovation and industry policy and its implementation. Dr. Lundström holds over 15 years of experience in innovation and research gained through funding, evaluating and performing R&D and innovation projects. Her areas of expertise are digitalization, leadership and strategies for growth and renewal. Lundström received her Ph.D. in Administrative Sciences at Tampere University School of Management. Prior to her current position, she worked at Tekes – the Finnish Funding Agency for Innovation (now Business Finland), most recently as Executive Director responsible for all Tekes' services for large companies and research organisations. Before joining Tekes 2007 she worked in various positions at the Association of Finnish Local and Regional Authorities.

Janne Peljo works as the Chief Policy Advisor on Climate and Biodiversity at the Confederation of Finnish Industries (EK). His focus is on the economic and policy dimensions of climate change and biodiversity with the aim of supporting Finnish businesses' long-term competitiveness through addressing these fundamental challenges. Peljo joined EK in 2021 from Sitra, the Finnish Innovation Fund, where he worked since 2013 focusing on climate and environment from the perspectives of investors, businesses, the economy, and policy making. He holds an M.Sc. in Finance from the Aalto University School of Economics and he also holds the CEMS MIM degree focusing on international business and strategy from Aalto University and HEC Paris.



Marko Mäki-Hakola works as a forest director at MTK. He holds a master's degree in biology from the University of Umeå and another master's degree in economics from the Umeå School of Economics. Mäki-Hakola describes himself as a Nurmo resident living in Ylöjärvi. He has worked at MTK in many different positions and also as the director of the Forest Owners' Union of Western Finland. While working at the Pellervo Economic Research Institute, Marko made research, for example, the effects of forest protection. Mäki-Hakola is the first biologist to be the forest director of mtk, and he emphasizes the coordination of different uses of forests. He has also been involved in developing new ways to safeguard biodiversity for a long time. The Metso programme was piloted during the time in Forest Owners union, and at the same time, forest management associations in the area were also trained in continuous cover forestry – probably the first organisation in Finland. As the latest innovation, MTK launched a marketplace luontoarvot.fi, which is hoped to provide a net tool in biodiversity work. In his work as a defender of forest owners, he seeks to hear different views, but does not give up if the interests of forest owners are threatened.

11:00-12:45

PARALLEL SESSION 3: GREEN TRANSITION AND WORK - CONTRIBUTING SKILLS AND ADAPTING TO CLIMATE CHANGE*Venue: Paasitorni, room Karl Lindahl***Speakers:**

Claudia Narocki is a sociologist and social anthropologist and health and safety expert based in Madrid. Until recently she was on the staff of ISTAS-CCOO. She is now part of the staff of the Fundación 1º de Mayo. Her interests revolve around the impact of working conditions on health, safety and well-being and the analysis of the role of trade unions in improving working conditions. Among the topics she has worked on in recent years are: workers' participation in workplace health and safety, institutional development around health and safety, prevention in small and micro companies, gender issues, and the impact of heat events on health and safety.

Professor **Gabriela Dragan** is the vice president of Romanian Consultative Council for Sustainable Development, professor at the Economic University of Bucharest and Associate Professor at the National School of Political Science and Public Administration and at the Romanian-American University. She is the Honorary Director of the Romanian Journal of European Affairs (RJEA) and she also was the General Director of the European Institute of Romania (EIR) between 2009 and 2019.



Olli-Pekka Kuusela (Ph.D.) is a researcher at Etna Economic Research in Helsinki, Finland. He earned his Ph.D. from Virginia Tech, USA, in 2013. His current research areas include the economics of climate change and the economic impacts of green transition. Prior to transitioning to Etna, Kuusela served as an assistant professor at Oregon State University, USA, where he taught courses and conducted research on the economics of forest resources, markets, and wildfire risks. He has published several scientific articles in international journals (e.g., Forest Policy and Economics, Oxford Encyclopedia of Environmental Economics, Environmental and Resource Economics, Journal of Environmental Economics and Management, European Economic Review, and Ecological Economics) on topics related to forest economics, risk management, environmental economics, and policy instrument design.

Panelists:

Jukka Leskelä is the Managing Director at Finnish Energy, a branch association of power, district heating and gas companies in Finland. Finnish Energy has 270 member companies and the association has offices in Helsinki and in Brussels. Leskelä has represented the branch already 20 years at Finnish Energy in various positions. His specialities are energy, climate change and environmental policy issues in EU and in Finland. Before that he worked 9 years at energy company Fortum with emissions control and environmental technology. Leskelä has held various positions in national and European organisations. Presently he is a board member of Eurelectric (the association of electricity industry in Europe) and a board member of Nordenergi (joint collaboration of Nordic energy associations).



Antti Palola has been the President of STTK (Finnish Confederation of Professionals STTK) since December 2013. Previously he has worked as President of the Federation of Salaried Employees Pardia (2005-2013), Vice Managing Director of the Finnish Ship Officers' Union (1998-2005) and Principal and Head of the study programme and lecturer in Turku Maritime Academy (1990-1996). Mr Palola is a sea captain. He is a member of the Economic Council of the Finnish Government and a Deputy Chairman of the Varma Mutual Pension Insurance Company.

Dr. **Anna-Maria Teperi** is a Research professor at Occupational Safety in Finnish Institute of Occupational Health (FIOH) in Finland. She is an adjunct professor at Tampere University, with the field of Human Factors (HF) in Safety Management, and at University of Vaasa, with the field of Organizations and leadership, focusing on safety as human action. She has over 20 years of experience in research and implementation of HF to safety management systems at safety critical fields such as air navigation services, nuclear industry, and railway.

**Moderated by:**

Hannele Korhonen, a member of the Finnish Climate Change Panel, is an atmospheric scientist specialising in modelling atmospheric processes and climate. As Head of the Climate Research Programme and Research Professor at the Finnish Meteorological Institute, Korhonen is particularly familiar with the scientific basis of climate change and its impacts.

14:00-15:00

KEYNOTE SESSION: EUROPE'S GLOBAL RESPONSIBILITY IN COMBATING CLIMATE CHANGE*Venue: Paasitorni, room Siltasaari Hall & Online****Speakers:***

Tim Gould was appointed the Agency's Chief Energy Economist in 2021. As Chief Energy Economist, he provides strategic advice on energy economics across a wide range of IEA activities and analysis. Mr Gould is also Head of the Division for Energy Supply and Investment Outlooks, in which capacity he co-leads the World Energy Outlook, the IEA's flagship publication, and oversees the Agency's work on investment and finance, including the World Energy Investment report.

László BORBÉLY is a politician who has significantly contributed to the democratic development of Romanian society, both as one of the most well-known leaders of the Democratic Alliance of Hungarians in Romania and through the different high ranking functions held in the Romanian Parliament and the Romanian Government in the field of International Affairs, Environment and Sustainable Development, Regional Development and Infrastructure, which he has fulfilled with a rigorous professionalism yielding important results.

László BORBÉLY held the position of Minister of the Environment, was Minister of Regional Development Public, Works and Housing, state secretary at Ministry of Public Works and Territorial Planning, Minister Delegate at the Ministry of Transport as well as Chairman of the Foreign Policy Committee at the Romanian Chamber of Deputies. At international level, László BORBÉLY served as Chairman of the United Nations (UN) Commission on Sustainable Development, position which he has fulfilled with a rigorous professionalism, yielding important results.



Sirpa Pietikäinen, a Finnish Member of the European Parliament, representing the European People's Party (EPP) since 2008. Former Minister of Environment and a Member of the Finnish Parliament. Among her many duties, she is actively working in the Economic and Monetary Affairs Committee (ECON) and the Environment and Public Health Committee (ENVI). Her whole career Pietikäinen has been a keen advocate of combining environmental and economic issues. Currently most active with sustainable finance, circular economy and resource efficiency.

15:30-17:15

PARALLEL SESSION 4: EMPOWERMENT IN INTERGENERATIONAL JUSTICE*Venue: Paasitorni, room Juho Rissanen***Speakers:****Alli Pylkkö**, Finnish Youth Nature Delegate 2022-2023

The Youth Delegates are nominated by the national youth council Allianssi. They represent their generation's voice in UN conferences and raise the ideas of young people in the debate in Finland.

Anni Turunen is a researcher at Finnish Environment Institute and preparing her PhD thesis on climate citizenship at University of Jyväskylä. She is an environmental social scientist especially interested in themes such as agency, participation and democracy in environmental decision-making, and collective climate action. Recently, she has researched citizen engagement in municipalities' climate governance, perceptions of policy preferences and social impacts of climate policies, as well as civil society actors' role in climate policy and food-system transition.

**Hanna Höijer**, Member, Youth Agenda2030

The Youth Agenda 2030 was established in the spring of 2017 under the auspices of the sustainable development committee headed by the prime minister. The committee saw the need to increase the participation of young people in the planning and implementation of Agenda 2030 at the national level, which led to the idea of offering action opportunities to young people who are interested in sustainable development. The Youth Agenda2030 group has two goals: to act on behalf of the goals of sustainable development and to participate in the planning and implementation of these goals in Finland.

Eevastiina Talvisto, Jenna Jokela and Sanna Saarinen, WWF Youth
WWF Youth is a group of volunteers who are involved in ideating, planning and implementing projects related to sustainable food consumption with us. WWF Youth organizes campaigns, events with us and inspires thousands of Finnish youth to join WWF's activities.

**Moderated by:**

Professor **Lassi Linnanen** is a professor of environmental economics and environmental management at the Lappeenranta-Lahti University of Technology (LUT). He is the Co-Chair of the Expert Panel for Sustainable Development in Finland. His core expertise includes sustainability science, evaluating sustainability and sustainable change. For more information about his work, visit the website for [Finnish Expert Panel for Sustainable Development](#).

15:30-17:15

PARALLEL SESSION 5: GLOBAL RESPONSIBILITY – DECISIONS MADE IN EUROPE AFFECT BIODIVERSITY GLOBALLY*Venue: Paasitorni, room Karl Lindahl***Speakers:**

Ilari E. Sääksjärvi is the Professor of Biodiversity Research at University of Turku, Vice-Dean of the Faculty of Science and Vice-Chair of the Finnish Nature Panel. His research team is discovering unknown animal species from Amazonia. Nowadays, he also studies the biodiversity-economy interface and leads The Strategic Research Council (SRC) funded multidisciplinary BIODIFUL-consortium (Biodiversity-respectful leadership).

Ville Uusitalo is working as an associate professor in sustainability change research group at the LUT University. He has 44 scientific journal publication mainly focusing on environmental sustainability assessment. He is currently working in the BIODIFUL project and leading a work package related to biodiversity impact assessment of products using life cycle approach.



Henna Rouhiainen works as a project researcher in the Biodiversity Unit at the University of Turku. She is finalizing her PhD on environmental and sustainability education. Rouhiainen has been actively involved in the development of public outreach and science education activities at the University of Turku.

Ayu Pratiwi is a Postdoctoral Researcher and University Teacher in Economic Geography at Turku School of Economics, the University of Turku in Finland. She obtained her PhD from the University of Tokyo in Japan. Her current research focuses on the empirical analysis of the information exchange processes and their impacts on aquaculture and agriculture producers in developing countries.



Anne Quarshie is a Postdoctoral Researcher at LUT University's School of Business and Management in Lappeenranta, Finland. Her research interests include sustainable business and supply chain management, systemic change processes, and disaster response. Her current research projects focus on addressing biodiversity loss and human rights violations in firms' supply chains, for example. Her research has received several recognitions, including the IPSERA Best Doctoral Dissertation in Purchasing Award 2017. Her work has appeared in leading corporate responsibility and operations management journals, including the Journal of Business Ethics, Organization & Environment, the Journal of Operations Management, and the Journal of Supply Chain Management. She is also a co-author of the book "Corporate Social Responsibility in Finland: Origins, Characteristics, and Trends".

15:30-17:15 PARALLEL SESSION 6: ADAPTING TO CLIMATE CHANGE UNDER TRANSBOUNDARY CLIMATE RISKS*Venue: Paasitorni, room Siltasaari Hall & Online***Speakers:**

Timothy Carter is a Research Professor at the Finnish Environment Institute (SYKE) in Helsinki with over 40 years of research experience in the field of climate change impacts and adaptation. A geographer, he obtained a B.Sc. from the University of London and Ph.D. from the University of Birmingham, UK. His research has focused on climate change impacts and adaptation modelling, methods of assessment, including scenario development, and climate change adaptation. He led multi-sector research on adaptation in Finland that formed a basis for Europe's first national Adaptation Strategy in 2005, subsequently incorporated into Finland's Climate Act. Based in Austria (International Institute for Applied Systems Analysis), the UK (Birmingham) and since 1990 in Finland, he was a Lead Author in each of the first five Intergovernmental Panel on Climate Change (IPCC) Assessment Reports (1992-2014) as well as serving on the IPCC Task Group on Data and Scenario Support for Impacts and Climate Analysis (TGICA) during 1996-2019 (as Co-Chair 2011-2019). His recent research has focused on adaptation to high-end climate change, cross-border impacts, and socioeconomic scenario development.

Panelists:

Filipe Duarte Santos holds a M.Sc. in Geophysics by the University of Lisbon and a Ph.D. in Theoretical Physics by the University of London. Full professor of Physics and Environmental Sciences at the University of Lisbon and Director of the PhD program on Climate Change and Sustainable Development Policies – University of Lisbon, New University of Lisbon and University of East Anglia. His present area of research is climate change and sustainability. He has published more than 160 papers in SCI-indexed scientific journals in physics, climate change and sustainability and various books. He coordinated more than 50 research projects in those areas, was review editor of the IPCC AR5 WGII and is presently chairman of the Portuguese Council of the Environment and Sustainable Development. Full member of the Lisbon Academy of Sciences and a member of the Environment Steering Panel of EASAC (European Academies Science Advisory Council).



Helen Sooväli-Sepping is the Vice-Rector for Sustainable Development, Tallinn University. Professor Helen Sooväli-Sepping is the head of the study area of Natural Sciences and Sustainability, coordinator of Master's study programmes Urban Governance and Environmental Management. The main research areas of Professor Helen Sooväli-Sepping are the impact of humans and nature in the urbanising world, communitarianism and involvement, environmental planning and sustainable development. Professor Helen Sooväli-Sepping has participated in many European and Nordic projects, and in project evaluation committees as an external expert. She has also participated in the development of the policies of the Ministry of the Environment, Ministry of Culture and Ministry of Finance, and in the conduct of studies. Helen Sooväli-Sepping is the editor-in-chief of the Estonian Human Development Report 2019/2020

Moderated by:

Sirkku Juhola, Professor of Urban Environmental Policy at the University of Helsinki and a member of the Finnish Climate Change Panel, has built her research career in a multidisciplinary environment: she has worked in several disciplines, including global decision-making at the UN University and development research at the local level in Africa. Much of her work has covered the perspective of how society and environment intertwine.



PROGRAMME AND SPEAKER DETAILS

DAY 2*Thursday 15th of September***09:00-09:30 HIGH LEVEL OPENING***Venue: Paasitorni, room Siltasaari Hall & Online**Moderated by reporter Hanna Nikkanen***Speakers:**

Maria Ohisalo has served as Minister of the Environment since 7 June 2022. Prior to this, she served as Minister of the Interior (ministry for internal security and migration) between 2019-2021. She has been Chair of the Greens in Finland since June 2019 and was elected as a Member of Parliament in April 2019.

Ohisalo has a PhD on Sociology and the title of her thesis is “Crumbs at the Bottom of a Welfare State. Charity Food Aid and Subjective Well-Being of the Disadvantaged”.

Between 2015-2019 she was the Vice-Chair of the Greens in Finland and has worked as a researcher on issues related to social exclusion. She is a council member in the Helsinki City Council and was a member of the Helsinki City Board from 2017-2019.

Ohisalo is a keen cyclist and collector of vintage video games. She lives with her spouse and daughter in Helsinki.

Professor **Paula Eerola** is President of the Academy of Finland. Her five-year term as President began on 1 March 2022. The Academy of Finland is an expert organisation within the administrative branch of the Ministry of Education, Science and Culture. The Academy funds high-quality scientific research, provides expertise in science and science policy, and strengthens the position of science and research.

Eerola served as Vice Rector at the University of Helsinki from 2018. She was appointed professor of experimental particle physics in 2008. At the University of Helsinki, she has also been Director of the Doctoral School in Natural Sciences, Director of the Helsinki Institute of Physics and Dean of the Faculty of Science.

Eerola chaired the Academy of Finland’s Research Council for Natural Sciences and Engineering from 2013 to 2017 and has been a member of the Academy’s Finnish Research Infrastructure Committee and its working committee and a member of the Academy Board and General Subcommittee.

From 1998 to 2008, she worked as a senior researcher of particle physics, professor of particle physics and head of the particle physics division at the University of Lund. Before that she worked, for example, at CERN, the European Organization for Nuclear Research. Eerola obtained a PhD from the University of Helsinki in 1990.

Eerola is a Member of the Finnish Academy of Science and Letters, the Finnish Society of Science and Letters, the Academy for Technical Sciences, and the Royal Swedish Academy of Sciences.



09:30-11:00

KEYNOTE SESSION: MID-TERM POLICY ACTIONS NEEDED AGAINST BIODIVERSITY CRISIS*Venue: Paasitorni, room Siltasaari Hall & Online***Speakers:**

Josef Settele works at the UFZ – Helmholtz Centre for Environmental Research in Halle/Germany, where he heads the Department of Conservation Biology and Social-Ecological Systems. He holds a PhD in agriculture, based on agro-ecological research on biocontrol in tropical irrigated rice systems and is professor of ecology at the Martin-Luther-University of Halle-Wittenberg. Before being co-chair of the Global Assessment of IPBES from 2016 to 2019, he was part of the Asia-Pacific and the Pollination Assessment. He also was Coordinating Lead Author of the 5th Assessment Report of Intergovernmental Panel on Climate Change – IPCC, and co-author of the IPBES-IPCC co-sponsored workshop report on biodiversity and climate change, published in 2021. Since July 2020 he is member of the “German Advisory Council on the Environment” of the German government. Starting in June 2021 he is coordinator of SPRING: “Strengthening Pollinator Recovery through INDicators and monitoring” – a Preparatory Action for EU Pollinator Monitoring Scheme and Indicator (ENV/2020/OP/0040).

Patrick Child is currently Deputy Director-General in DG Environment at the European Commission with particular responsibility for the EU's zero pollution strategy, chemicals legislation, urban agenda, research and innovation for environment and communication. From 2016-2021, he was Deputy Director-General in DG Research and Innovation (R&I) at the European Commission. As member of the Board of DG R&I, he followed in particular research and innovation in clean energy and climate technologies as well as the R&I dimension of the post-COVID recovery and resilience strategy and Horizon Europe mission on Cancer. His international roles included Commission representative and chair of the steering committee of Mission Innovation (a coalition of 24 countries and the EC working to accelerate global clean energy innovation) and lead co-chair of the Group of Earth Observations (GEO). Until April 2016, Patrick Child was Managing Director of the European External Service with responsibility for administration and finance, covering human resources policy, security and the budget. Before he took up this post in 2011, he was director in the EC External Relations Directorate-General in the responsible for managing the network of Commission delegations.

**Speakers:**

Janne Kotiaho works as a professor of ecology at the University of Jyväskylä and has been the chairperson of the Finnish Nature Panel since 2019. He has a long and wide experience in various representative positions in biodiversity issues, both at the national and international level. Kotiaho's research interests include especially questions related to ecology, evolutionary biology and science-policy interface. He brings his expertise to the Finnish Nature Panel especially on habitat restoration, biodiversity offsetting and on international negotiations. According to Kotiaho, solutions for biodiversity loss and climate change will decide the fate of humankind.

Ms. **Tarja Haaranen** is the Director General of the Natural Environment Department in the Finnish Ministry of the Environment. She has gained over thirty years' experience in environmental protection and nature conservation. She has led work on a range of issues including environmental protection in agriculture and forestry, biodiversity conservation, water protection and circular economy. Prior to joining the Ministry of the Environment in 2006 she worked in the Ministry of Agriculture and Forestry, Natural Resources Institute Finland and the Helsinki Commission (HELCOM). Ms. Haaranen holds a Master's degree in Agriculture and Forestry.



Saara-Sofia Sirén is Member of the Finnish Parliament since 2015 representing the National Coalition Party. Sirén is a Member of Environment Committee and Grand Committee. She has been appointed as rapporteur for eutrophication and HELCOM observer in the Baltic Sea Parliamentary Conference. Last year Sirén awarded with The Lasse Wiklöf Parliamentarian Award by the Baltic Sea Fund. She is a member of WWF Finland advisory board and has previously been active as member of The Finnish Nature Panel. She has been nominated as a member of biodiversity monitoring group under Ministry of Environment.

11:30-13:15

PARALLEL SESSION 7: SYSTEMS LEVEL APPROACH TO FOOD, BIODIVERSITY AND LAND USE CHALLENGE*Venue: Paasitorni, room Siltasaari Hall & Online***Speakers:**

Peter Schmidt is the president of the European Economic and Social Committee's Section for Agriculture, Rural Development and the Environment (EESC-SDO) and a member of the EESC's since 2014 for Group II (Workers). He is one of the three EESC members steering the work of the European Circular Economy Stakeholder Platform, a joint initiative by the EESC and the European Commission. From 2015 to March 2018, Mr. Schmidt was the president of the EESC's Permanent Study Group on Sustainable Food Systems and rapporteur of several EESC opinions related to food policy. His first occupation was cheesemaker. Later on he was a regional officer of the NGG trade union (Food and Catering Union, affiliated to the DGB) for 27 years, in charge of dairy industries and bakeries.

Dr. Hannah Janetschek, is the coordinator for European and international affairs at the RNE. She coordinates international partnerships and networks for German Council for Sustainable Development (RNE), as well as coordinates the Council's working groups on European and international governance questions as well as food systems and biodiversity. In her past positions in academia her work focused on governance questions around the water-energy-food-climate nexus and land-use questions.



Saara Kankaanrinta is an environmental influencer: she is Chair and Co-Founder of Baltic Sea Action Group, Carbon Action platform and Co-Founder of Soilfood Ltd and Q Power Ltd. Kankaanrinta also owns the oldest manor of Finland, Qvidja Research Farm, together with her husband. She is also vice chair of the Board of Directors of the Natural resources institute of Finland. Kankaanrinta was recently awarded an honorary doctorate for her work for the biodiversity.

Minna Kaljonen acts as a research professor at the Finnish Environment Institute. Her research focuses upon sustainable food system transition and governance. She is currently leading a large transdisciplinary research project on just food system transition. She has studied how transformation to more sustainable diets can take place and confronts tensions in practice. She underlines a systemic view in developing policies for just food system transition. This entails also support to different peoples' capabilities to take part in sustainability transformation. Kaljonen does close collaboration with practitioners in her research, for example, in developing more sustainable school meals. With transdisciplinary research, more groups in society can be engaged to thinking what sustainability transformation can or should mean.



Heikki Sakari Lehtonen is a research professor on "Economic analysis and modelling of sustainability enhancing policies in agriculture" in Natural Resources Institute Finland (Luke), Helsinki, Finland. He has worked as an agricultural economist since Dr. Sc. (Tech), graduation 2001 in a variety of topics. Key research themes include (1) Economic analysis of the effects of market and policy changes on agricultural production, land use, farm structure and farm income; (2) Adaptation to climate change at crop, farm and agricultural sector levels, including integrated multi-scale analysis, carried out with environmental impact modellers; (3) Impacts of policy measures aiming at climate change mitigation in agriculture and land use sectors; (4) Transformation of food sector and land use towards more sustainable agri-food systems; (5) Stakeholder interaction and policy support, and stakeholder assisted scenario development. Studies often include alternative policy options and market developments, as well as productivity and diet changes. Customers of the research are decision makers at farm, food chain, regional and national (governmental) level.



Katriina Soini is adjunct professor, Research Manager, Principal Scientist in Bioeconomy and Environment at the Natural Resources Institute (Luke) in Finland. Since 2020 she has also been the Research Manager at Luke in the field of Resilient Society. Since 2019, she has been the coordinator of the Finnish Expert Panel for Sustainable Development. Katriina Soini has a Phd in Cultural Geography from the University of Turku.

11:30-13:15

PARALLEL SESSION 8: EDUCATING THE YOUNG GENERATIONS IS NOT ENOUGH: THE CHALLENGE OF AWAKENING THE CIVIL SOCIETY INTO ENVIRONMENTAL CITIZENSHIP*Venue: Paasitorni, room 302-303***Speakers:**

Kirsi Pauliina Kallio is Professor of Environmental Pedagogy and Education at Tampere University. She is a multidisciplinary scholar with specific interest in contextual political agency, including environmental lived citizenship. As vice-chair of the Finnish Nature Panel, Prof. Kallio is specifically responsible for the popular communication of research to broad audiences, in different forms of formal, informal and nonformal environmental education and media impact.

Dr. **Essi Aarnio-Linnanvuori** is a university lecturer at Tampere University, and an experienced environmental and climate change education expert. In her research, her long-term interest is to develop environmental education that is interdisciplinary, holistic, and considerate of identity, values, and worldview of the learner. She has more than 20 years of experience as an environmental education instructor in different organizations, including several NGO's.



Hanna Seimola .Sc; Director of Education at WWF Finland; WWF Global Education Leadership Group Member; Global Environmental Education Partnership (GEEP) Advisory Group Member. Over 20-year working history in the field of environmental education in Finland. Experience in both formal and non-formal education sector on pedagogical innovations, educator training and as author of educational materials. Active role in developing WWF Global Education activities, in facilitating WWF -WOSM Global Education Partnership and in accomplishing the status for education as a strategic tool at WWF Network. Special interest in behavior change, active environmental citizenship, and adult learners.

Satu Jovero is an experienced Environmental Education Specialist in Environmental School of Finland (SYKLI), a Master of Education (M.Ed) with a strong background in Environmental Studies. SYKLI is a national specialist vocational college - and the only institution in Finland training adults for a Specialist Vocational Qualification in Environmental Education. She is most interested in finding new methods to inspire, involve and empower adults in taking concrete and environmentally aware actions. Currently, SYKLI is actively looking for new approaches to environmental education - now piloting environmental education training courses for culture professionals (eg. museums and libraries) and for vocational teachers. She is also involved in a project "Green transition in adult education colleges" .



Antto Luhtavaara is a Training Psychotherapist specialized in adolescent and adult mental well-being. He is also a sociologist and a psychologist. He is part of a multidisciplinary Think-and-Do-Tank PlanWe. He teaches psychotherapy in Adolescent Psychotherapy Foundation / University of Helsinki. He has published essays and articles on mental functioning, climate crisis and therapeutic interaction.

11:30-13:15

PARALLEL SESSION 9: FORESTS AND DEFORESTATION - LINKS BETWEEN CLIMATE AND BIODIVERSITY*Venue: Paasitorni, room Juho Rissanen***Speakers:**

Dr. **Markku Kanninen** is an expert in tropical forestry, climate change, forest ecology, and forest management. He has published over 350 publications, including over 100 internationally peer-reviewed scientific articles. He holds a doctoral degree from the University of Helsinki, Finland. Markku is research director and professor emeritus at Viikki Tropical Resources Institute (VITRI), University of Helsinki, Finland. Markku has been involved in international work on tropical forestry, climate change and sustainable development for more than 40 years. In addition to Finland, he has worked in CIFOR, Indonesia (2003-2010) and in CATIE, Costa Rica (1996-2003). He was the coordinator of The Finnish Research Program on Climate Change (1990-1995). Markku has been involved in science policy dialogue on forests and climate change for more than 30 years. He has been actively involved in the work of the IPCC since 1991 - recently as one of the Lead Authors of the IPCC Special Report on 1.5 degrees. He was member of the UNFCCC Adaptation Fund Board (2008-2017) and the Finnish Climate Panel (2011-2019). Since 2004, Markku has been a member of the Finnish Academy of Sciences and Letters. He received the Nobel Peace Prize as a member of the IPCC in 2007.

Raisa Mäkipää is research professor at National Resources institute Finland (LUKE). She has wide expertise on ecosystem modelling, carbon and nutrient cycling, biodiversity and ecosystem processes. She has published 91 peer-reviewed scientific articles and her H-index is 49 with a total of 7500 citations. She leads multidisciplinary projects focusing on mitigation of climate change and forest soils, which are funded by the Strategic Research Council, the Academy of Finland and the EU H2020. She has highly recognized merits from international and national activities, she is vice-president of the International Boreal Forest Research Association (IBFRA), she has contributed as lead author to the IPCC Report and as a nominated expert to the UNFCCC review of the GHG inventories, and she is member of the national IPCC working group.



Dr **Matti Hyrynen** is an environmental and resource economist. He works as a researcher for the Finnish National Resource Institute, where his work has so far focused on forest disturbances and the application of dynamic optimization, stochastic simulations, and statistical/econometric methods. He has also worked on optimal control of agricultural nutrient runoff, carbon sequestration and atmospheric externalities in a long-time horizon, among others.

Moderated by:

Professor **Jyri Seppälä**, member of the Finnish Climate Change Panel, has a wide range of experience in research. He specialises in life-cycle thinking based sustainability assessments in the area of consumption and production. The subjects have ranged from agriculture and forestry to various industrial sectors, covering different areas of consumption.

