Global Forum on Environment: Towards cost-effective management systems for industrial and consumer chemicals

Forum Mondial sur l’Environnement: Vers des systèmes d’un bon rapport coût-efficacité pour la gestion des produits chimiques destiné à l’industrie et aux consommateurs
2020 Global Forum on Environment
Implementing cost-effective management systems for industrial and consumer chemicals
Speakers and Panellists

Ángel Gurría
Maria Neira
Richard Fuller
Isabella Lövin
Valentina Bertato
David Morinato
Tom Grinter
Dirk Pilat
Ramjitti Indaraprasirt
Christina Raab
Francis Peters
Jukka Malm
Yvette T. Collazo
Le Viet Thang
Leendert van Dijk
Zhanyun Wang
Monika MacDevette
Tatiana Santos
Sara Broomhall
Gertrud Sahler
Jorge Ocana
Satoru Morishita
Thais Araujo Cavendish
Kristie Sullivan
Rodolfo Lacy
Opening Session

Ángel Gurría
Secretary-General
OCDE

As Secretary-General of the Organisation of Economic Co-operation and Development (OECD) since 2006, Ángel Gurría has firmly established the Organisation as a pillar of the global economic governance architecture including the G7, G20 and APEC, and a reference point in the design and implementation of better policies for better lives. He has broadened OECD’s membership with the accession of Chile, Estonia, Israel, Latvia and Slovenia, and has made the Organisation more inclusive by strengthening its links with key emerging economies.

Under his watch, the OECD is leading the effort to reform the international tax system, and to improve governance frameworks in anti-corruption and other fields. He has also heralded a new growth narrative that promotes the well-being of people, including women, gender and youth, and has scaled up the OECD contribution to the global agenda, including the Paris Agreement on Climate Change and the adoption of the Sustainable Development Goals.

Session 1- Act now: why improving the management of chemicals is crucial

Maria Neira
Director of the Department of Environment, Climate Change and Health, World Health Organization (WHO)

Dr Maria P. Neira has been directing the Department of Environment, Climate Change and Health at the World Health Organization, Geneva, Switzerland since September 2005. Throughout her tenure and up until now she has led and advised on policy and management in key areas of environmental health.

Prior to that she served as Under-Secretary of Health and President of the Spanish Food Safety Agency.

From 1993-1998 she was Coordinator of the Global Task Force on Cholera Control.

Dr Neira began her career as a medical coordinator working with refugees in El Salvador and Honduras for Médecins Sans Frontières (Doctors Without Borders). She then spent several years working in different African countries during armed conflicts.

Born in the city of Oviedo, Asturias, Dr Neira is a Spanish national, a medical doctor by training and specialized in Endocrinology and Metabolic Diseases; and Public Health.

Among many distinctions, she has been awarded the Médaille de l’Ordre national du Mérite by the Government of France and received an “Extraordinary Woman” award by HM Queen Letizia of Spain. In early 2019, she was nominated among the top 100 policy influencers in health and climate change.
Fuller is an Australian-born, U.S.-based engineer, entrepreneur, and environmentalist best known for his work in global pollution remediation. He is founder and president of the nonprofit, Pure Earth (formerly known as Blacksmith Institute), dedicated to solving pollution problems in low- and middle-income countries, where human health is at risk.

Fuller initiated and now is the Board Chair of the Global Alliance on Health and Pollution (GAHP). In October 2017, he co-chaired the seminal Lancet Commission on Pollution and Health.

Fuller is also the founder Chairman of Great Forest Inc., one of the leading sustainability consulting companies in the U.S. He is the author of *The Brown Agenda*, published in 2015.

In 2018, Fuller was awarded the Order of Australia Medal (OAM) in recognition of his service to conservation and the environment.

In 2019, he received an Advance Award for Social Impact from the Australian government for his 20 years of pioneering work with Pure Earth and his leadership in tacking the issue of global pollution.

Deputy Prime Minister and Minister for Environment and Climate of Sweden Ms. Isabella Lövin has served as Minister for International Development as well as a Member of the European Parliament and has a background as a journalist and author, with a dedicated interest in healthy oceans and fisheries. Isabella Lövin holds an Honorary Doctorate from the Swedish Academy of Agricultural Sciences.

Together with the Minister for Environment of Uruguay Ms. Irene Moreira, Minister Lövin heads the “High Ambition Alliance” on Chemicals and Waste beyond 2020. Minister Lövin is also dedicated to achieving a global agreement for the prevention of marine plastic.
Session 2 - Challenges with setting-up and implementing a cost effective management systems for industrial and consumer chemicals

2.1 Challenges in deciding on risk management measures: risk management for groups of chemicals

Valentina Bertato
Directorate-General for Environment, European Commission

Valentina Bertato has been working in the European Commission since 2011, dealing mainly with chemicals policy, first in DG GROW and, since November 2017, in DG ENV. She is currently focusing on REACH restrictions for environmental risks (including microplastics, lead and PFAS) and on international work on chemicals. Her background is in environmental chemistry. Her previous working experiences are on technical and regulatory issues of chemicals, waste management and environmental management systems.

David Morin
Acting Assistant Deputy Minister of the Healthy Environments and Consumer Safety Branch, Health Canada

David is currently the acting Assistant Deputy Minister of the Healthy Environments and Consumer Safety Branch at Health Canada. His substantive position is Director General of the Safe Environments Directorate, where he is responsible for implementing Canada’s chemicals management system for new and existing substances from a human health perspective. Also included in his current mandate are climate change adaptation, drinking water standards, air quality standards, contaminated sites, and environmental site assessments from the perspective of impacts on human health.

Prior to joining Health Canada, David spent 17 years at Environment Canada where he delivered on a range of topics related to chemicals risk assessment and climate change. In his last five years at Environment Canada, David was Director General of the Science and Risk Assessment Directorate, where he was responsible for delivering on risk assessments for new and existing substances, Canada’s Pollutant Release and Transfer Register, as well as Canada’s National Inventory Report on Greenhouse Gas Emissions.
Tom Grinter is the Sector Director for Chemicals and Pharmaceuticals, Pulp and Paper, and Rubber Industries at IndustriALL Global Union. Tom has worked at the headquarters of the international union in Geneva since 2008, starting at one of the predecessor organisations to IndustriALL, called the ICEM.

The role involves working with national trade unions affiliated to IndustriALL all around the world, from huge and powerful unions to smaller and more vulnerable unions. IndustriALL’s power is its membership right throughout the global supply chain. Together we demand the right for quality, safe jobs and union rights for chemical and pharmaceutical workers wherever they are.

We strive for well-established, respectful and mutually-beneficial industrial relations with multinational employers in the industrial sectors.

On this basis there is strong potential for joint work facing the challenges of climate change and the introduction of new production technology in the sector.

The Action Plan for the IndustriALL Chemicals and Pharmaceuticals sector is set every four years at a major global trade union conference. The most recent conference being in June 2019 in Istanbul. The Action Plan adopted there includes content significant to this OECD event, around the issues of occupational health and safety.

Those concerns and strategies are even more important now during the time of pandemic.

Tom is a British national who, together with his French wife, has three children.
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2.2 Challenges in risk management along the life-cycle of chemical (in) products: the Safe-by-design concept

Dirk Pilat
*Deputy Director, Science, Technology and Innovation Directorate, OECD*

Dirk Pilat, a Dutch national, is Deputy Director of the OECD Directorate for Science, Technology and Innovation. He helps oversee OECD’s work on science and technology, innovation, productivity and business dynamics, digital economy policy, consumer policy and industry policies.

Dirk joined the OECD in February 1994 and has worked on many policy issues since then, including innovation, the role of digital technologies for economic growth, climate change and environmental innovation, labour markets, regulatory reform, global value chains, productivity and entrepreneurship, as well as health innovation. He is currently helping to coordinate the OECD’s Going Digital project, which is a multidisciplinary, cross-cutting initiative that aims to help policymakers better understand the digital transformation that is taking place and help develop recommendations for pro-active policies that will help to drive greater growth and societal well-being.

Dirk was responsible for the OECD’s Committee for Scientific and Technological Policy from 2006 to January 2009, and for the Committee on Industry, Innovation and Entrepreneurship from February 2009 to December 2012.

Before joining the OECD, he was a researcher at the University of Groningen, where he also earned his PhD in Economics, working primarily on productivity and economic growth.

Ramjitti Indaraprasirt
*Manager, Nanosafety Alliance department, National Nanotechnology Center (NANOTEC), Thailand*

Ramjitti Indaraprasirt is currently the manager of the Nanosafety Alliance department at the National Nanotechnology Center (NANOTEC), the leading agency on nanotechnology development in Thailand. NANOTEC is one of four research agency operating under the jurisdiction of the National Science and Technology Development Agency (NSTDA) and the Ministry of Science and Technology (MOST).

Prior to joining NANOTEC, Ramjitti spent 6 years at the National Center for Genetic Engineering and Biotechnology (BIOTEC) where he delivered on a range of topics for the development of industry, agriculture, natural resources, environment and consequently the social and economic well-being of Thai people.

Ramjitti started his professional journey at the Canadian Executive Service Organization (CESO) and holds a Master’s degree in International Administration from the School for International Training, Brattleboro, Vermont.
Dr. Christina Raab is a passionate sustainability leader at the interface of circularity, sustainable development and innovation. As Vice President, Strategy & Development she is responsible for the planning and implementation of growth, innovation and impact initiatives for the programmes and services of the Institute worldwide. In this role Christina also leads funding relations and strategic partnerships with clients, stakeholders and partners globally and represents the Institute externally as part of the leadership team.

Prior to joining the Institute, Christina served as Global Implementation Director at ZDHC, where she oversaw member and regional expansions, and established the training Academy and Implementation HUB to accelerate chemical and environmental improvements in the global apparel, textile and leather industries. Earlier Christina held leading positions at forefront sustainability consulting firms MADE-BY and CSCP, where she worked with a variety of private companies, multi-lateral organisations and public institutions to advance the integration of sustainability in core business practices and to drive sustainable development across global value chains. She has successfully led holistic C-level and on-the-ground sustainability assignments with multiple sectors from consumer goods to manufacturing across Europe, Asia, the Americas and North Africa. Christina started her professional journey at the environmental branch of the United Nations Industrial Development Organisation and holds a PhD in materials chemistry from the University of California Santa Barbara / Vienna University of Technology.

Francis Peters provides consulting services for the rubber industry, and is an active member of Business at OECD and of the World Business Council for Sustainable Development (WBCSD). The WBCSD is a global, CEO-led organization of over 200 leading businesses working together to accelerate the transition to a sustainable world.

In addition, Francis Peters works with the International Organization for Standardization (ISO) to develop and publish International Standards.

With over 40 years of experience in the tyre industry for the Michelin Group, a French multinational, Francis Peters was the responsible of technical relationship with Michelin’s suppliers on Chemicals, and on Natural and synthetic rubber worldwide. In 2000, Francis became the worldwide raw material technical director. In 2009, Francis Peter was the worldwide material project director and industry standards and governmental regulation.

Francis Peters was the Co-Chair of the Tyre Industry Project between 2006 and 2016. The Tire Industry Project is a collaborative effort between 11 tire industry CEOs to proactively identify and address the potential human health and environmental impacts of tires throughout their life cycle, is well on its way to meeting its objectives.
Jukka Malm

Deputy Executive Director,
European Chemicals Agency

Jukka Malm joined the European Chemicals Agency (ECHA) in September 2008. He is currently leading the directorate of Submissions and Interaction, being responsible for ECHA communications, helpdesk and enforcement activities, as well as dossier submissions & processing, and data availability. In addition, he is coordinating the international activities of the agency.

Mr Malm has been working in the field of chemicals legislation for 30 years and has been involved in a wide range of activities related to the risk assessment and risk management of chemicals at the national, EU, and global level. Prior to working at the Agency he worked as the Director of Expert Services at the Finnish Environment Institute and was also the first chairman of the Management Board of ECHA.

He holds a Master’s degree in Agriculture and Forestry, specialising in Environmental Protection. Mr Malm is Finnish.

Yvette T. Collazo

Director of the Office of Pollution Prevention and Toxics, US Environmental Protection Agency (EPA)

Yvette T. Collazo has spent most of her career dedicated to improving public and environmental health. Ms. Collazo joined EPA in 2020 as the Director of the Office of Pollution Prevention and Toxics where she is leading efforts to ensure chemical safety under the Toxic Substances Control Act, reduce waste and increase innovation through the Pollution Prevention Act, and increase public information on chemicals through the Toxics Release Inventory.

Prior to her tenure at EPA, Ms. Collazo served as District Director of the U.S. Small Business Administration (SBA) Puerto Rico & Virgin Islands District Office. Ms. Collazo was responsible for the delivery of the agency’s financial assistance, business counseling, entrepreneurial training, and federal contracting programs throughout the District, by assisting and protecting the interests of small businesses and by helping businesses and families recover from disasters.

Before joining the SBA, Ms. Collazo served as Director for the Office of Technology Innovation & Development at the U.S. Department of Energy Office of Environmental Management (DOE EM) in Washington, DC. In this capacity, she led in the identification and advancement of technologies, processes, and technical practices that improved the performance of waste processing, groundwater and soil, Decontamination and Decommissioning, and nuclear materials projects over their lifecycle, from planning to disposal.

In 2006, Ms. Collazo entered the Senior Executive Service ranks and was appointed Assistant Manager for Closure Project at the DOE Savannah River Operations Office. In this position she led activities related to interagency agreements, federal compliance agreements, and federal contracting of over $250 million related to the clean-up of radiological, industrial and groundwater hazards resulting from more than 40 years of nuclear materials production at the 310-square mile Savannah River Site Federal facility.

Ms. Collazo holds a Master of Science in Environmental Management from the Illinois Institute of Technology and a Bachelor of Science in Mechanical Engineering from the University of Puerto Rico, Mayagüez Campus. Ms. Collazo is a native of Puerto Rico.
Le Viet Thang
*Deputy Head of Conventions and International Cooperation Division*
*Vietnam Chemicals Agency, Ministry of Industry and Trade*

Mr. Le Viet Thang holds a master degree in bio-chemistry and environmental technology from the Hanoi University of Science and Technology. He started working at the Vietnam Chemicals Agency, Ministry of Industry and Trade in 2012. His main duties focus on legislation development on chemicals management; the implementation of the international conventions on chemicals (CWC, Rotterdam, Minamata…) and the Global Harmony System on Classification and Labelling of Chemicals in Vietnam.

Leendert van Dijk
*Manager of Product Stewardship and Regulatory Affairs AP, Eastman Chemical Asia Pacific, Singapore*

Leendert van Dijk is the Manager of Product Stewardship and Regulatory Affairs at Eastman Chemical Asia Pacific, Singapore, and is a member of the SCIC Regulatory Affairs Committee and chairs the Emerging Regulations group.

Before Singapore, Leendert worked as PS & RA Manager for Europe in the Netherlands, dealing a significant part of his time with the implementation of the EU REACH program.

Before joining Eastman in 2008, he worked for over 20 years for a major US petrochemical company in various locations and various positions, ranging from marketing and sales to product stewardship and product market development.

Leendert studied Chemistry and Physics at the University of Leiden (NL).

Zhanyun Wang
*Senior researcher in the Ecological Systems Design Group, ETH Zürich*

Dr. Zhanyun Wang is a senior researcher in the Ecological Systems Design Group at ETH Zürich, Switzerland. His research interests focus primarily on the lifecycles and risks of chemicals in the anthroposphere and natural environment, as well as novel and pragmatic approaches to fostering sound chemicals management, enabling circular economy, and strengthening science-policy interface. Dr. Wang is an author on more than 30 peer-reviewed articles.

In addition, he has led or co-authored more than 10 technical reports published by OECD, UNEP, Nordic Council, Swiss Federal Office for the Environment, Norwegian Environment Agency and other governmental institutions.
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2.4 Best practices in setting-up legal and institutional frameworks

Monika Gail MacDevette
*Chief, Chemicals and Health Branch, Economy Division*
UN Environment Programme

Monika is an environmental physiologist, having received her BSc, MSc and Doctorate in plant biotechnology and genetic engineering. For the past 30 or so years, she has worked extensively in applied science and technology innovation in the fields of agriculture, forestry, and coastal and marine development. Prior to joining the UN Environment Programme, her work experience in Canada and South Africa included academia, policy implementation, multi-stakeholder and private sector partnerships, small, medium and micro-enterprise technology transfer and capacity development. Her background at UN Environment Programme started with regional cooperation and coordination, partnership management at UNEP-WCMC, Deputy Director and Chief of both the Capacity Development, and the Scientific Assessment Branches in the Science Division. She was also Deputy Director, and headed the Operations and Programme Delivery Branch in the Ecosystems Division. She is now Chief of the Chemicals and Health Branch at the Economy Division.

Monika has a deep interest in, and commitment to gender equality and the role of women and men in transforming the environmental agenda from a policy perspective. She currently leads the organisation’s environmental education work promoting the active participation of students in environmental sustainability at university campuses, engaging students and youth as leaders and role models for sustainability through education. Her niche at the UN Environment Programme is promoting sound science to inform policy, and fostering innovations to turn policy into actions. She has three adult sons, three adorable grandchildren, 2 dogs, and has been adopted over the years by 3 cats.

Tatiana Santos
*Policy Manager on Chemicals and Nanotechnology*
European Environmental Bureau (EEB)

Tatiana Santos holds a Chemistry degree and both MSc. in Environmental Impact Assessment and Occupational Health & Safety. She has been working in chemical risk issues, chemicals legislations, occupational health and safety, chemicals in the circular economy and substitution of hazardous chemicals for almost 20 years.

Along her professional career, she’s worked for the Spanish trade union’s health and safety institute ISTAS from CCOO for almost 10 years. Working for the union’s she has develop several projects to protect workers from exposure of hazardous chemicals. Currently, on behalf of European Environmental Bureau (EEB), the largest European federation of environmental NGOs, she is an accredited stakeholder representing the environmental voice of European citizens at the European Commission, the European Chemicals Agency, OECD and UN.
Session 3 - The Covid-19 crisis and its possible impacts on future chemicals management systems

We are still in the process of selecting the speakers for this session.
Gertrud Sahler
*Director-General of Environmental Health, Emission Control, Safety of Installations and Transport and Chemical Safety, Federal Ministry for the Environment, Nature Protection and Nuclear Safety Organisation*

Gertrud Sahler studied business administration at Cologne University and graduated (Diplom-Kauffrau) in 1979. She started her career at Dynamit Nobel. In 1985, she joined the Federal Ministry of Justice.

Following her work as Press Spokesperson at the Federal Ministry for Women and Youth in 1990 to 1994, she joined the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, where she served as Press Spokesperson for four years. Since 1998, she has held various senior positions in the ministry, including Head of Executive Staff.

Gertrud Sahler will be President of the 5th International Conference on Chemicals Management (ICCM5) on SAICM, scheduled for July 2021 in Bonn, Germany.

Satoru Morishita
*Senior Adviser to the Ministry of the Environment (MOE), Japan*

Satoru Morishita joined the Environment Agency (former body of the Ministry of Environment) in 1986. Since then, he has gained extensive experience at the MoE. Currently, he is the Senior Adviser for Global Environmental Affairs of the Ministry of the Environment of Japan.

Jorge Ocana
*Manager of the Chemicals and Waste Programme, United Nations for Training and Research (UNITAR)*

Jorge Ocaña is the Manager of the Chemicals and Waste Programme of the United Nations Institute for Training and Research (UNITAR). He develops strategies, guidance materials and training programmes on specific areas of Chemicals and Waste Management to assist countries to address challenges posed by chemicals to human health and the environment.

He has been involved in activities and projects related to Persistent Organic Pollutants (POPs) and mercury in more than 40 countries in the world and has facilitated the formation of multisectoral coordination and consultation mechanisms in those countries.

During his career he has promoted social inclusion and active participation from marginally and vulnerable groups. He has also coordinated programmes and mechanisms for active participation of the civil society in environmental matters.

He believes that environmental monitoring systems like Pollutant Release and Transfer Registers (PRTRs) can be used as a vehicle that brings together different views and perspectives to work together towards a common goal. He worked at UN Environment on POPs and mercury related projects and at the Commission for Environmental Cooperation on the development of a PRTR regional report which analyzes the releases and emissions of pollutants from the three North American countries.

He holds a Master’s Degree on Social Sciences from the Open University in the U.K and a Biology Degree from Concordia University in Canada.
Kristie Sullivan
Vice President of Research Policy,
Physicians Committee for Responsible Medicine

Kristie Sullivan, M.P.H., is the Vice President of Research Policy with the Physicians Committee for Responsible Medicine, where she directs efforts to implement human-relevant alternatives to the use of animals in medical research, education, and the testing of drugs, chemicals, and other regulated products.

She has presented and conducted trainings on new approach methodologies and Adverse Outcome Pathways, has co-authored publications with industry and government colleagues, and served on federal committees advising government agencies including the US Environmental Protection Agency.

The Physicians Committee coordinates the activities of the International Council on Animal Protection at OECD (ICAPO), a collaboration of 10 non-governmental organizations to maximize the implementation of the 3Rs in OECD test guidelines, guidance documents, and projects. Ms. Sullivan participates in a number of standing and ad hoc OECD expert and working group efforts related to the implementation of in vitro and in silico methods for regulatory chemical safety assessment. She received her Master of Public Health in Toxicology from the University of Michigan.

Before joining the Physicians Committee, Ms. Sullivan worked at the University of Michigan Occupational Safety and Environmental Health Environmental Laboratory and the New York City Department of Health and Mental Hygiene.

Thais Araujo Cavendish
Co-ordinator of Environmental Health Surveillance, Ministry of Health, Brazil

Thais is the co-ordinator of Environmental Health Surveillance in the Ministry of Health of Brazil since March 2019. Prior to this, she worked as an Analyst of Social Policies.

She holds a Master’s degree in Public Health at Fundação Oswaldo Cruz. She completed a training at the International Training Programme on Strategies for Chemicals Management in the Swedish Chemicals Agency (KemI). Thais is a specialist in Environmental Health Surveillance from the Federal University of Rio de Janeiro (UFRJ).
Rodolfo Lacy
*Director, Environment Directorate
OECD*

Dr. Lacy is the Director of the Environment Directorate of the Organisation for Economic Co-operation and Development (OECD).

Prior to joining the OECD in August 2018, Dr. Lacy was Vice Minister of Environmental Policy and Planning at the Ministry of Environment and Natural Resources of Mexico (2012-2018), Chief negotiator of Climate Change (COP19-COP23), Co-chair of the Global Methane Initiative, Member of the High-Level Group of the Global Environmental Outlook (GEO6), and Board Member of the Climate Action Reserve in California, USA.

He holds a Doctorate Degree in Environmental Science and Engineering from the Universidad Autónoma Metropolitana (Mexico), a Master’s Degree in Urban Studies and Planning from the Massachusetts Institute of Technology (MIT), a Bachelor’s Degree in Environmental Engineering from the Universidad Autónoma Metropolitana (Mexico) and a certificate in Leadership on Environment and Sustainable Development from El Colegio de México.
2020 Global Forum on Environment

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