



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Montreal
Protocol Unit



KIGALI in Acti ON

WORKSHOP ON KIGALI
IMPLEMENTATION PLANS

SPEAKERS' BIO DATA

14-16 June 2023 • Vienna, Austria



SESSION 1

Opening Session

Day 1 (June 14, 2023)

Gerd Müller



Gerd Müller is the Director General of the United Nations Industrial Development Organization (UNIDO).

Between 1980 and 1989, he was a teacher at vocational schools and a civil servant at the Bavarian Ministry of Economic Affairs. From 1989 to 1994, he served as a Member of the European Parliament, during which time he was a member of the ACP-EU Joint

Parliamentary Assembly.

Between 1994 and 2021, he served as a Member of the Parliament of the Federal Republic of Germany, and as a member of the Parliament's Committee on Foreign Affairs and Committee on Economic Cooperation and Development.

In 2005, he was appointed Deputy Minister at the Federal Ministry of Food, Agriculture and Consumer Protection, in charge of international relations, development projects and world food affairs.

In 2013, he was appointed Federal Minister for Economic Cooperation and Development, a position he held until 2021.

Gerd Müller has many years of experience in the fields of multilateral cooperation, sustainability and innovative agriculture. Key focus areas of his work are the 2030 Agenda for Sustainable Development, the Paris Agreement on climate change, the Convention on Biological Diversity, and the Beijing Declaration on Gender Equality. Furthermore, he is a strong advocate of fair trade, and initiated legislation in Germany and the European Union on social and environmental standards along supply chains.

Mr. Ciyong Zou



At UNIDO since 2013, Zou is the architect of UNIDO's Programme for Country Partnership, and has guided the Organization's field and strategic engagements.

Before joining UNIDO, he performed multiple roles, including as Deputy Director General of International Department at the Chinese Ministry of Finance, Alternate to the Chinese Executive Director at the World Bank, and Global Environmental Facility Operational Focal Point for China.

Zou holds a Ph.D. in Economics from China's Ministry of Finance Graduate School, Research Institute for Fiscal Science.

Mr. Gerald Mutisya



Gerald Mutisya is an Information Technology (IT) professional with a background in engineering. A Kenyan national, he has worked with the Ozone Secretariat since 1998, initially joining under the Junior Professional Officer programme of the United Nations.

He primarily manages the information and data on ozone depleting substances reported by the Parties under Article 7 of the Montreal Protocol. He is also responsible for technical and administrative aspects of the Secretariat's web site. Prior to joining the Secretariat, Mr. Mutisya worked with Africa Online, an Internet Service Provider, and prior to that, with the IT department of UNEP.

Mr. Mutisya holds a Masters degree in Information Technology from Charles Sturt University in Australia, a Graduate Diploma in Computer Science from the Australian National University, and a Bachelor of Science degree in Electrical Engineering from the University of Nairobi in Kenya.

Mr. Alejandro Ramirez-Pabon



Alejandro Ramirez-Pabon is a Senior Programme Management Officer in the Multilateral Fund Secretariat responsible for the review of project proposals submitted for funding and the development of operational policies related to the funding of activities for Article 5 countries, including the cost guidelines for HFC phase-down, among others.

Mr. Ramirez-Pabon is an Industrial Engineer with an MBA from IESE Business School in Barcelona and over 25 years of experience implementing the Montreal Protocol, both at the national level in the national ozone unit (NOU) of Colombia, and internationally with the UNEP OzonAction programme, UNDP Montreal Protocol Unit, and the Multilateral Fund Secretariat.

His experience includes first-hand exposure to the day-to-day challenges faced by an Article 5 government and industry when implementing the Montreal Protocol, provision of assistance to Article 5 countries to establish several new NOUs as well as to formulate and implement a wide variety of investment, technical assistance and multi-year ODS phase-out projects while working at UNEP and UNDP; and for the last 12 years at the Fund Secretariat, contributing to the provision of assistance to Article 5 countries and development of operational policies by preparing more than 150 project evaluations, policy papers and reports that served as the basis for Executive Committee decisions.

Mr. Ole Nielsen



Ole Nielsen joined UNIDO in 2011 and is Chief of the Montreal Protocol Unit within the Division of Circular Economy and Environmental Protection. He has been involved in Montreal Protocol since 1993 through consultancy, private sector and lately through an implementing agency; with a particular specialisation in the refrigeration sector.

Ms. Elena Miceva



Elena Miceva holds a master's degree in international management from the University Ss. Cyril and Methodius in Skopje. She has more than ten years of experience in the field of international development, project coordination and performance management. Since 2017, she has been working as a part of UNIDO's Montreal Protocol Unit as Monitoring and Reporting Specialist. Before joining UNIDO, she worked on implementation of USAID funded projects in North Macedonia and worked for two European Union Agencies.

SESSION 2

QUOTA ALLOCATION, INSTRUMENTS, COUNTRY EXPERIENCES

Day 1 (June 14, 2023)

Mr. Arno Kaschl



Arno Kaschl is Senior Policy Officer at DG Climate Action of the European Commission. Arno holds a Ph.D. from Hohenheim University, Germany, based on research work in the field of environmental science. After investigating contaminated sites and remediation strategies at the Centre for Environmental Science (UFZ) in Leipzig, Germany, as a postdoctoral researcher, he joined the European Commission in 2004. Since 2012 Mr. Arno has been responsible for EU fluorinated gas policies at DG Climate. This has involved the preparation, negotiation and implementation of the 2014 EU F-gas Regulation. He also forms a part of the EU negotiation team for the Montreal Protocol meetings and has contributed to the negotiations for the Kigali Amendment. Currently, Mr. Arno engages in establishing new reinforced EU rules for F-gas and Ozone policies which are at this time being negotiated between EU policy makers.

Mr. Peder Gabrielsen



Peder is a committed professional with over 20 years experience in environmental matters at an international level. For the last nine years, he has been involved primarily within the climate mitigation domain. His main expertise lies in projects on ozone-depleting substances (ODS) and fluorinated greenhouse gases (F-gases). In this context he develops and steers content work in terms of publication of regular ODS and F-gas reports, briefings and indicators, involving the quality checks of individual companies' data and the compilation of data at EU level. He is involved in coordinating IT-development related to company level reporting systems as well as systems for synthesizing and aggregating data at European Union level as part of the data submissions under the Montreal Protocol Article 7, necessitating the close cooperation with the European Commission (Directorate-General for Climate Action) and liaison with 5000+ companies, EU Member State representatives, National Ozone Units (NOU) and the UN Environment Programme (Montreal Protocol Ozone Secretariat).

Peder has previously worked on air quality projects with a focus on development and consolidation of real-time air quality data exchange in cooperation with European Member States and regions. He has also been involved in the compilation of the EU's annual Long-Range Transboundary Air Pollution Convention (UNECE LRTAP Convention) emission inventory and report. When not at work, Peder enjoys doing yoga and going on long walks.

Ms. Ecem Bahcelioglu Ersoy



Ecem is working as a Project Expert in Türkiye's National Ozone Unit since February 2020. She supports the NOU in implementing the Montreal Protocol and Kigali Amendment in Türkiye. She monitors/follows-up the activities under 3 projects where UNIDO is the implementing agency: Institutional Strengthening Project, HPMP and KIP-Preparation.

Ecem worked as a project assistant in sectoral waste management and treatment sludge management projects in 2016-2019. She completed Bachelor's and Master's degrees in Environmental Engineering from Middle East Technical University in Türkiye.

Ms. Tatjana Boljevic



Tatjana Boljevic, (degree in biology at the University of Montenegro, Faculty of Nature Sciences and Mathematics, Department of Biology) works as a Senior Advisor at the Environmental Protection Agency of Montenegro/Department for Issuing Permits and Approvals since 2009. Since 2007, Ms. Boljevic has been the focal point for the Vienna Convention for the Protection of the Ozone Layer and Montreal Protocol on Substances that Deplete the Ozone Layer as well as NOU manager. From 2002 to 2009 she worked as a senior adviser at the Ministry of Environment and Urban Planning- Department of environmental protection.

Ms. Boljevic's main duties include implementation of policy and regulations in the field of ozone layer protection and air quality, as well as issuing: ODS/F gases import/export permits, licenses for companies which perform installation, maintenance and / or repair as well as decommissioning of equipment and products containing ODS/F gases, permits on: air quality, fuel quality, noise measuring. Ms. Boljevic participates in preparation of expert basis for drafting laws, by-laws and other regulations within the different environment issues, preparation and development of international projects related to environmental protection; as well as preparation and implementation of projects for implementations under the Montreal Protocol/Kigali Amendment in Montenegro.

Ms. Natasha Kochova



Natasha has been working since 2018, as an International Project Coordinator under UNIDO's Montreal Protocol unit. Her main tasks include working with the Republic of Turkey and Republic of South Africa on the enabling activities towards ratification and implementation of the Kigali Amendment towards HFC phase-down as well as implementation of activities under the HCFC Phase-out Management Plan (HPMP) projects.

Before 2018, Ms. Kochova was National Consultant at the Ministry of Environment and Physical Planning – National Ozone Unit, Republic of North Macedonia (UNIDO implemented project). Earlier, she was a National Consultant at the Persistent Organic Pollutants Unit under the same Ministry. From 2007-2011, Natasha was the Program Manager at the National Democratic Institute for International Affairs (NDI - USA) and the Institute for Parliamentary Democracy (IPD).

Ms. Kochova holds Bachelor and Master degrees in Political Science and International Relations, with specialization in Environmental Politics from the University of British Columbia – UBC (Vancouver, Canada) as well as Applied Communications and number of professional training certifications in the field of International Environmental Law, Environmental Chemistry and Ecotoxicology, Climate Change Science and Negotiation, Low-carbon Economy, Green Industrial Policy and Recycling and Reclamation practices of refrigerants.

SESSION 3

PRIORITIZING SECTOR FOR STAGE I: INTRODUCTION AND THEORETICAL DESCRIPTION

Day 1 (June 14, 2023)

Mr. Bassam Elassaad



Bassam Elassaad is a consultant in the Refrigeration, Air Conditioning and Heat Pump (RACHP) sector focusing on environmental and regulatory issues and working with the United Nations (UN) implementing agencies of the Montreal Protocol.

He is a member of UN Environment “Refrigeration Technical Options Committee” (RTOC) and a member of the UN “Technology and Economic Assessment Panel” (TEAP) Task Forces on refrigerant alternatives and energy efficiency. Mr. Elassaad is a Professional Engineer by the Canadian Professional Engineers of Ontario, a past Chapter President and Sub-Regional Chair of ASHRAE, and a member of the Royal Belgian Engineers Society (ATIC).

Mr. Adnan Atwa



Adnan Atwa has been working as an Industrial Development Officer at the Montreal Protocol Unit in the United Nations Industrial Development Organization UNIDO since 2011.

Mr. Atwa has over 20 years of professional experience in managing technical cooperation programmes within and outside the UN system in the areas of quality infrastructure, value chain support, and the protection of the environment. Mr. Atwa also worked at the International Atomic Energy Agency IAEA, the European Committee for Standardization CEN in Brussels, the British Standards Institution BSI in London, the G.C.C Standardization Organization in Riyadh, and Alcatel-Lucent in Egypt.

Mr. Atwa has a BSc in Mechanical Engineering from the American University in Cairo, a Master's degree in Project Management from the University of Melbourne in Australia, and a Masters in Energy and Environment from Scuola Superiore Enrico Mattei in Italy.

SESSION 4

BREAKOUT: PRACTICAL PRIORITIZING SECTOR FOR STAGE I

Day 1 (June 14, 2023)

Ms. Bettina Schreck



Bettina Schreck joined UNIDO in 2009, where her main tasks are developing and implementing technical assistance projects in sustainable energy and climate change. She focuses on the development of government led policy programs to adopt low emission and sustainable cooling projects. Her work covers the policy, financial and technical dimensions of technical assistance.

Prior to joining UNIDO, Ms. Schreck held positions in the Irish National Utility International operations, ESBI, as a Renewable Energy & CDM business developer in South East Asia; in British Maritime Technologies (BMT), a UK engineering and risk

management consultancies, where she worked on projects involving environmental and technical due diligence and UK domestic climate compliance; and in Repsol YPF, a Spanish integrated oil and gas firm with global operations, introducing the CDM to non-annex I country operations and previously as an environmental corporate auditor. Ms. Schreck received degrees in Chemical Engineering from the Buenos Aires Institute of Technology (Argentina), in Environmental Management from the Austral University (Argentina) and in Sustainable Development from the University of Cambridge (UK).

Mr. Fukuya Iino



Fukuya Iino worked for the U.S. Environmental Protection Agency (EPA) and the Japanese government before joining the United Nations University. He holds a Ph.D. in Chemical Engineering and an MBA from the London School of Economics and two other universities. He was appointed as Managing Editor of Sustainability Science (Springer). He has been working for UNIDO since 2010.

Mr. Yunrui Zhou



Yunrui Zhou is an Associate Industrial Development Officer, Montreal Protocol Division, United Nations Industrial Development Organization (UNIDO) with 15 years' experience in implementing Multilateral Environmental Agreements.

Currently, he is contributing to the implementation of 22 ongoing projects, aiming at assisting member counties in meeting the obligations of the Montreal Protocol on Substances that Deplete the Ozone Layer. Being proficient in project life cycle management and result-based management, Mr. Zhou is also designing and developing several projects in the field of Green Industry and Climate Change.

Prior to joining UNIDO, Mr. Zhou worked for the Ministry of Ecology and Environment of China for 6 years. He has a Ph.D. in Environmental Science and Engineering from Tsinghua University.

SESSION 5

PANEL DISCUSSION: COMMERCIAL AND INDUSTRIAL REFRIGERATION SECTOR DAY 2 (JUNE 15, 2023)

Mr. Alexander Cohr Pachai



Alexander Cohr Pachai, better known as Alex, has a broad experience with both commercial and industrial refrigeration. Mr. Pachai has worked for over 20 years for Johnson Controls as well as a consultant for different UN bodies.

Mr. Pachai started as a refrigeration technician apprentice in 1978. Now Pachai can look back on a career where he has tried most disciplines working with education, sales, marketing, production, design, innovation and communication. Pachai was involved in the sales of the first CO2 cascade systems both in Denmark and New Zealand. Mr. Pachai is an author and presenter at various conferences and workshops..

Ms. Gratiela-Maria Tarlea



Gratiela – Maria TARLEA has over 40 years' experience as a refrigeration and mechanical engineer—having worked as an industry consultant and researcher in various aspects of energy projects in the public and private sectors.

Gratiela-Maria Tarlea is a Professor, Engineer and a research fellow. She has a PhD in Mechanical Engineering (The Optimisation of the Poultry Hose Refrigeration Systems), and a Bachelor's degree in Building Service Engineering from Technical University of Civil Engineering Bucharest Romania.

Mr. Vasil Eftimov



Since 2017, Mr. Eftimov has been working as an International Consultant with UNIDO's Montreal Protocol Unit. He has experience working with Tunisia, Serbia, Montenegro and Bosnia and Herzegovina. His activities included establishment of national certification scheme, preparation of training manuals and materials, trainer on training of RAC service technicians, establishment of system for inventory of RACHP equipment, etc. under the HCFC Phase-out Management Plan. Mr. Eftimov is actively involved in data collection and data analysis during Surveys on ODS alternatives, involved in Enabling Activities for ratification of the Kigali amendment, and for the last three months on KIP PRP activities with North Macedonia and Montenegro.,

Prior 2017, Vasil Eftimov was National Consultant for NOU Macedonia, mainly involved in development of electronically operated database system for inventory of RACHP equipment, equipment inventory, development of training manuals and other brochures and leaflets. Mr. Eftimov holds a bachelor degree in Mechanical Engineering – refrigeration and thermotechnic from St. Cyril and Methodius University in Skopje. He has a number of professional training certifications: Certificate for training on elimination of ODS substances (2011 issued by Ministry for Environment and Physical Planning - NOU North Macedonia) – F-gas certificate (2014 issued by Bureau Veritas Italia Spa), Certification for successful participation in the training for application with flammable and natural refrigerants - Cool training for international refrigeration and air conditioning experts for work with natural refrigerants and Hydrocarbons including brazing certificate (2015 issued by Bundesfachschule Kalte Klima Technik, Maintal – Germany), etc. Individual member of Eurammon and ASHRAE.

Mr. Marino Bassi



Marino Bassi graduated in Electrical Engineering from the Pavia University of Studies (Lombardy). He chose the refrigeration sector during a time it was gaining popularity among end-users across Europe. In 1972, he got his first position in the field as technical support in Aspera, which was later acquired by Embraco, the Brazilian-born compressor producer that was expanding operations and building its way to be a global reference in refrigeration technology for home appliances and commercial applications.

Marino is also an assessor at the examination of the refrigeration, air conditioning and heat pump technicians, in partnership with Centro Studi Galileo; he is a member of the European Committee for Standardization, regarding commercial and professional appliances, as well as a member of the International Institute of Refrigeration (IRR) Safety WG1 and WG2.

SESSION 6

PANEL DISCUSSION: MOBILE AIR CONDITIONER SECTOR

DAY 2 (JUNE 15, 2023)

Mr. Carloandrea Malvicino



Carloandrea Malvicino, is the Head of CO2 Emissions Reduction Strategies, as part of Stellantis' Enlarged Europe Organization. Mr. Carloandrea is one of the Stellantis representatives for EU and UK technical issue related to CO2 and GHG regulations.

Mr. Malvicino graduated in Physics in 1987, joined the "Centro Ricerche Fiat" in 1988 and worked on sensor and microsystems. He then became the in charge of the Thermal System department. Mr. Carloandrea moved to FCA Italy in 2013 to his current position.

He is member of Refrigeration, Air Conditioning and Heat Pumps Technical Options Committee (RTOC) of the United Nations Environmental Programme (UNEP). He is a lead author of the Chapter on Mobile Air Conditioning and authored several international patents, papers and publications in the automotive domain.

Ms. Kristen Taddonio



Kristen N. Taddonio is Director of Climate Control at the Institute for Governance & Sustainable Development (IGSD). Her work specializes in energy efficiency and refrigerant emission mitigation pathways for compliance with the Kigali Amendment to the Montreal Protocol on Substances that Deplete the Ozone Layer, which requires Parties to phase down the production and consumption of hydrofluorocarbons (HFCs).

Prior to joining IGSD, Taddonio led commercial building technology research and deployment efforts at the U.S. Department of Energy's Building Technologies Office and managed the U.S. Environmental Protection Agency's Mobile Air Conditioning Climate Protection Partnership. She is a member of SAE International (formerly the Society of Automotive Engineers), where she serves as a liaison to the Interior Climate Control committee and is the current building energy efficiency representative on the State of Colorado's Energy Code Board.

Mr. Radhey Agarwal



Mr. Radhey Agarwal is known for his expertise and contributions in the field of environmental protection, particularly in the area of ozone layer conservation. He served as Technical Adviser to Ozone Cell, Ministry of Environment, Forest and Climate Change in India, focusing on the technical and policy aspects of the Montreal Protocol.

Mr. Agarwal spent many years as a Professor of Mechanical Engineering at IIT Delhi, where he was involved in research and development of alternative refrigerants, energy efficiency, and HVAC&R technologies. He also served as the Deputy Director and Dean of Industrial Research & Development at IIT Delhi.

Mr. Agarwal's expertise extended beyond India, as he also served as a member of the Technology & Economic Assessment Panel of the Montreal Protocol and the UNEP Technical Option Committee on Refrigeration, Air-Conditioning, and Heat Pumps. He was also a co-chair and member of various TEAP Taskforces and served in the RTOC from 1989 to 2014.

Mr. Agarwal's contributions to ozone layer conservation have been recognized with several prestigious awards, including the UN Environment's Technical Leadership Award in 2017 and the Best of the Best Stratospheric Ozone Protection Award in 2007 given by USEPA.

He was a part of the team contributing to the reports of the United Nations Intergovernmental Panel on Climate Change (IPCC), which won the 2007 Nobel Peace Prize. He received the 2007 UNEP Montreal Protocol TEAP Champion Award for his extraordinary services to global environmental protection.

Mr. Samuel Yana Motta



Dr. Samuel F. Yana Motta is an expert in thermal systems with more than 25 years of experience in the development of heat transfer fluids and HVAC equipment. He holds a PhD and an MS in mechanical engineering from the Catholic University of Brazil, and a BS in mechanical engineering from the National Engineering University in Peru.

He worked for Honeywell for 21 years as global director of technology and research fellow with a demonstrated history of innovation (author of more than 30 patents) and successful development of commercial products (R-1234yf, R-1234ze, and R-448A). He has authored numerous publications in scientific journals, is a member of high-level expert committees such as the UNEP Refrigeration, Air-Conditioning and Heat Pumps Technical Options Committee, and is a member of technical committees of ASHRAE and ISO. He is currently a distinguished R&D scientist in the Energy and Transportation Science Division at the US Department of Energy's Oak Ridge National Laboratory.

SESSION 7

PANEL DISCUSSION: SYNERGIES WITH THE HPMPs IN DOMESTIC AIR CONDITIONER SECTOR

DAY 2 (JUNE 15, 2023)

Mr. Mikheil Tushishvili



Mikheil holds the degree of Master of Science in Environment Science and Policy from the joint Master Programme of Central European University (CEU) and Manchester University. At present, Mikheil is Montreal Protocol Programme Officer at UNEP in Paris, France.

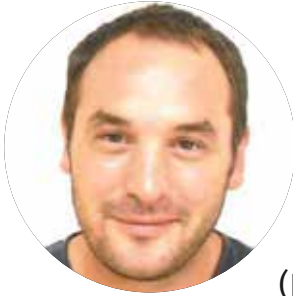
Ms. Xiaoyan Li



Ms. Li Xiaoyan is an environmental professional with over 20 years of experience as an Ozone Officer in China. She has dedicated her career to implementing the Montreal Protocol and eliminating ozone-depleting substances, with a primary focus on the refrigeration sectors.

Ms. Li Xiaoyan's expertise and leadership have been instrumental in formulating effective strategies and regulations in China to combat ozone depletion. She actively advocates for sustainable technologies within the refrigeration industry while raising awareness about the importance of protecting the ozone layer and mitigating climate change. Her contributions have made a significant impact on environmental preservation and sustainability efforts in China

Mr. Philipp Denzinger



Philipp Denzinger started working for GIZ in 2008 and has been working in and with many countries of the Global South. As a project manager for GIZ Proklima since 2014, he is in charge of implementing projects under the Montreal Protocol (MP) and Paris Agreement (PA) financed by German Ministries responsible for Economic Cooperation and Development (BMZ/MLF), Environment (BMUV), Climate Action (BMWK) and other donors (AfD; EC/EU; KliK Foundation; etc.). He is currently overseeing projects in around 25 countries and always trying to link the MP with the PA and its NDCs or Article 6.

SESSION 8

RECOVERY, RECYCLING, RECLAMATION AND PROPER END-OF-LIFE DISPOSAL OF REFRIGERANTS

DAY 2 (JUNE 15, 2023)

Mr. Georg Bitarichvili



Circular economy and waste-to-value thinking has always been important to Georg Bitarichvili and to his company Eco Scandic, which he has been running since its inception in 2015.

The core of their strategy was to create an efficient, effortless and feasible solution for end-users to manage their F-gas waste. Today their company claims highest volumes of recovered and reclaimed

refrigerants in Northern Europe and aims to make the Nordic countries self-sufficient by substituting virgin, imported F-gases with locally reclaimed product.

Eco Sandic's ambition is to iterate their model globally in order to minimize F-gas leakages with high global warming potential (GWP) to the atmosphere and maximize the recycling of recovered raw material.

Georg has been involved in several recovery, recycling and reclamation (RRR) projects with UNIDO as an international expert in different article V countries and regions, always with an emphasis on the business model development. He strongly believes that cleantech or "green business" does not automatically mean increased complexity or higher expenses. Instead, he sees it as added value for end-customers which is a basis for every business model.

Mr. Krzysztof Grzegorzcyk



Krzysztof Grzegorzcyk, M.Sc., PROZON The Foundation for Climate Protection; President of the Management Board.

He graduated from the Agricultural University in Krakow (General Faculty, Faculty of Horticulture) and 2-year Executive Master of Business Administration studies at the Warsaw School of Economics and Minnesota University.

He is one of the founders of the PROZON Foundation (managing national RRR network in Poland) and the President of the Management Board since 2014. He has many years of experience in managing projects and issues related to climate protection and in the refrigeration and air conditioning industries. He also has extensive experience in managing teams, introducing new services to the market, creating and implementing sales strategies and creating a multi-brand marketing strategy. He has knowledge of logistics processes, production planning and company finances. He supports state institutions in creating and enforcing environmental protection law. He has participated in many projects, e.g. REAL Alternatives 4 LIFE (e-learning platform on low GDP refrigerants). From 07/2019, he is Director of the Refrigerants LIFE Cycle Project (implementing high-end technical solutions for separating refrigerants mixtures), where he is responsible for making key, strategic decisions to ensure its proper implementation.

Mr. Dustin Cherniawski



Hailing from Canada but living in Dubai since 2008, Dustin has a unique background that includes, Professional Sports, Commercial Real Estate, Sustainability Consulting, Finance, Electronic Waste Recycling, and Event Management.

15 years in the extreme climate of the Middle East has provided large scale and varied experience with HVACR systems including performance analysis, energy saving technologies, electronic waste recycling, and refrigerant gas recovery & reclaim.

Dustin is a Director at Enviroserve, one of the world's most advanced eWaste treatment facilities that also boasts one of the region's only refrigerant recovery and reclaim facilities.

Ms. Maja Schmauser



Maja Schmauser is an advisor at the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) programme Proklima. GIZ Proklima is a globally active programme that has been promoting environmentally friendly and energy-efficient cooling technologies since 1995. Proklima's services comprise policy advice and capacity development for governments, training and qualification, as well as pilot projects for industry partners. To date, the programme has implemented more than 250 projects in approx. 45 countries around the world.

As part of the Climate and Ozone Protection Alliance (COPA) secretariat, Maja supports national and international decision-makers in the energy, environment and waste sector in creating effective greenhouse gas mitigation through ODS and HFC banks management. Within the global project Cool Contributions fighting Climate Change II (C4 II), Maja works on designing and implementing more ambitious NDCs in the cooling sector. Her regional focus is Latin America and the Caribbean.

Mr. Alan Bastida



Alan Bastida has over 18 years of progressive experience and holds a master's degree in project management and a bachelor's degree in environmental engineering.

Prior to joining UNIDO, during 16 years of his professional career, he was part of the National Ozone Unit of Mexico serving as a national focal point and project coordinator, working in collaboration with all implementing and bilateral agencies of the Montreal Protocol.

His work involved the coordination of the HFC implementation projects and related activities such as the conversion from HFC-134a to R-600a in the manufacture of domestic refrigerators at Mabe-Mexico and the conversion from HFC-134a & R-404A to R-290 in the manufacture of stand-alone commercial refrigerators at Imbera. Also, he was involved in the design and technical negotiation of the HFC-23 destruction project at Quimobásicos Plant.

Alan led the design and elaboration of the Kigali Amendment Road Map for Mexico and coordinated the Sustainable and climate-friendly Phase out of ODS project within the country. His work also included the coordination of the Demonstration Project for Disposal of Unwanted ODS in Mexico and the implementation of customs activities to prevent the illegal traffic of controlled substances.

He is currently collaborating with UNIDO as an expert on road map for the Kigali Amendment. Since 2021, Alan has been leading the design of the road maps to phase down the HFCs, and the preparation of the Kigali Implementation Plans for Latin American countries.

Mr. Rodrigo Serpa



Rodrigo Serpa is a Mechanical Engineer from Columbia with an MBA in Business Administration. He has over 12 years' experience as a project manager in the manufacturing industry in Colombia with emphasis in maintenance, energy saving, environment protection and cleaner production. Between November 1998 and September 2007, Mr. Serpa worked with UNIDO Montreal Protocol Division as HQ consultant and since then as an Industrial Development Officer. During his tenure, Mr Serpa implemented all kind of MP projects including refrigeration service, Phase out plans, MeBr, foam sector, demonstation projects, ODS destruction and other

projects in Latin America and Caribbean, Africa, Europe and some Asian countries including China.

Some of his noted initiatives include: End User – Zero Leaks initiative; Awareness on counterfeit or low-quality refrigerants; ODS destruction in LA beside approved funds; Bottled Propane as refrigerant in Venezuela and Bolivia and innovative approaches in refrigerant reclaiming like ‘the reclaiming unit goes to refrigerant, instead of reclaiming centre.’

SESSION 9

GENDER MAINSTREAMING IN THE MP PORTFOLIO

DAY 2 (JUNE 15, 2023)

Ms. Cecilia Ugaz Estrada



Cecilia Ugaz Estrada is Director of Gender Equality and Empowerment of Women Office and Special Advisor, Office of the Managing Director, Directorate of Corporate Management and Operations. She is former Director of the Policy Research and Statistics Department at UNIDO. Cecilia Ugaz Estrada holds a PhD in economics from Ecole des Hautes Etudes en Sciences Sociales in Paris (major: Econometrics of Investment) as well as graduate degrees in economic modelling from France and Peru.

Prior to joining UNIDO, she served as the United Nations Resident Coordinator as well as the United Nations Development Programme (UNDP) Resident Representative for Paraguay. She also served as the Deputy Resident Representative for UNDP in Argentina and as Deputy Director for the Human Development Report Office in UNDP headquarters in New York. Cecilia Ugaz Estrada has also held various positions with the United Nations and in academia in Switzerland, United Kingdom and Finland as well as with the World Bank in Washington DC.

Mr. Sergio Merino

Mr. Riccardo Savigliano



Riccardo Savigliano joined UNIDO in 2008 and currently serves as Senior Industrial Development Officer within the Division of Circular Economy and Environmental Protection. Among other assignments, Riccardo is proud of his role as UNIDO's Rotational Gender Officer in 2018.

Riccardo holds a PhD in Plant Pathology and Pest Management and conducted research on economic impact of businesses and productive activities to local communities, including innovative models to identify and quantify externalities from agribusiness, land use and natural resource management.

SESSION 10

ENERGY EFFICIENCY PROGRAMMING AND POLICY – DESIGN THINKING

DAY 3 (JUNE 16, 2023)

Ms. Sarah Nisa Pohl



Sarah is an accomplished design thinking facilitator who has recently joined the UNIDO Innovation Lab, bringing her expertise in driving solutions and fostering innovation culture to the organization.

Before joining UNIDO, Sarah was a project lead at Wonderwerk Consulting, an innovation consulting firm specializing in user-centric solutions. Her contributions helped organizations implement innovative strategies tailored to meet the needs of their users. She also was a modern work specialist at Microsoft, where the focus was on advancing new work practices in both public and private sectors.

Sarah is passionate about digitalization, innovation, and new work methodologies. She is an expert in design thinking, employing this powerful approach to lead diverse projects, ranging from product and service development to process optimization and change management. She successfully facilitated over 200 design thinking and innovation workshops. Sarah has a degree in Economics and innovation management from the University of St. Gallen, Switzerland.

Ms. Andrea Heins



Andrea Heins serves as Chair at the Argentine Committee of the World Energy Council (WEC) and works as consultant in energy efficiency, climate change and sustainable development, for public and private sector and international organizations like the InterAmerican Development Bank (IADB), World Bank (WB), and Latin American Energy Organization (OLADE), among others.

Ms Heins has over 20 years' experience in the energy industry, having worked in private and public sector, and as an independent consultant. She is the former Undersecretary of Energy Efficiency and Savings at the Ministry of Energy and Mining of Argentina.

In this position, she was the focal point of the Ministry at the National Cabinet of Climate Change, the vice-chair of the Energy Transitions Working Group under Argentine G20 Presidency and co-chair at the Executive Committee of IPEEC (International Partnership on Energy Efficiency Cooperation). In the past, she was a senior consultant on energy efficiency for the industry sector and worked for 14 years at YPF (Argentinian national oil and gas Company), where she held different leading positions in the Engineering and Technology Divisions. Ms.Heins is the chair of Energy Efficiency Commission at the Argentine Institute of Petroleum and Gas (IAPG) and an expert member in the awards selection committee for the "Energy Management Leadership Awards", organized by the Clean Energy Ministerial (2017 – present). She is a professor on energy efficiency in different university postgraduate programs.

Ms. Hilda Cristina Mariaca Orozco



Ms. Hilda Cristina Mariaca Orozco serves as the Coordinator of Colombia's national strategy for Thermal Districts since 2013. Her experience involves consulting, design and development of comprehensive solutions in regard to commercial and industrial refrigeration systems. Previously, Ms Mariaca Orozco managed and implemented projects within the framework of international cooperation projects relating to environmental and energy liabilities in the industrial sector. Ms. Mariaca Orozco is a mechanical engineer in refrigeration, a specialist in integrated environmental management and holds a master's degree in energy and development.

Mr. Marco Matteini



Marco Matteini is Industrial Development Officer with the Decarbonization and Sustainable Energy Division of UNIDO. He has over 20 years working experience in the development and implementation of international research and technical cooperation projects in renewable energy technologies, industrial energy efficiency and more recently district energy.

Since 2007, Mr. Matteini has been part of the UNIDO team who has been developing the UNIDO Global Programme on Industrial Energy Efficiency, leading and coordinating the development of its energy management system (ISO 50001) and energy system optimization capacity building and implementation programmes.

Mr. Matteini worked on the development and/or implementation of industrial energy efficiency technical cooperation projects in South Africa, Moldova, Russian Federation, North Macedonia, Turkey, Georgia, Ukraine, Colombia, Kazakhstan, Armenia and Cuba. Since 2008, he has been representing UNIDO in the ISO Project/Technical Committee 242 – Energy Management, now ISO TC 301 – Energy Management and Energy Savings, where he actively contributed to the working groups' activities and the drafting of ISO 50001 standards. Mr. Matteini holds a PhD in Electrical Engineering from the University of Bologna, Italy.

SESSION 11

ENERGY EFFICIENCY PROGRAMMING AND POLICY – PRACTICAL

DAY 3 (JUNE 16, 2023)

Mr. Stephan Sicars



Mr. Sicars has worked for, and later managed, the Research Centre for Refrigeration and Heat Pumps in Germany. Later, he headed his own consultancy undertaking research for international industries, NGOs and governments. He implemented projects in India and China, and provided policy advice on environment matters. He served as a technical expert on several international panels.

In 2004, he started work in the United Nations as Senior Programme Officer with the Multilateral Fund for the Implementation of the Montreal Protocol. Joining UNIDO in 2014, he became Director of the Department of Environment in 2015. In that role, he focused the department on the reduction of emissions of Greenhouse Gases, on minimizing industrial pollution, and on advancing circular economy. In addition, between 2020 and 2022, he oversaw UNIDO's Energy portfolio. He has also been responsible for managing climate action across all of UNIDO and advancing programmatic work with several strategic donors, including the Green Climate Fund.

He was recognized for his contribution, as coordinating lead author for IPCC, which went on to win the Nobel Peace Prize 2007 and has received an US-EPA Ozone Award.

Mr. Sicars holds the equivalent of a Master's Degree in Mechanical Engineering from the University of Hanover, Germany

SESSION 12

SITE VISIT TO OEGKT

DAY 3 (JUNE 16, 2023)

Mr. Anreas Klaudus



Andreas Klaudus is the founder and Managing Director of the Austrian Academy of Refrigeration and a board member of the Austrian Refrigeration Society. For over 10 years, he has been involved in the further development of education and training as well as the exchange of knowledge, experience and information in the refrigeration, air conditioning and heat pump sector.

Mr. Klaudus completed an apprenticeship in the field of refrigeration technology at a young age and subsequently passing the master craftsman's examination. The training and further education of young specialists and apprentices as well as the preparation of technicians for the master craftsman's examination are of particular concern to him. A major focus of all training and further education is the practical and safe handling of environmentally friendly refrigerants.

Harald Erös



Harald Erös is a master craftsman in heating, air-conditioning and refrigeration technology, has a bachelor's degree in energy and environmental management and a master's degree in building technology and building services engineering. He has been in the refrigeration business since 2002.

Since 2017, Mr. Erös is the lead of refrigeration, cooling and heat-pump technologies at a producing pharmaceutical company in Vienna—Takeda. He and his team are dedicated to the operational management of around 220 refrigeration systems throughout the whole lifecycle including planning and installing of new units with a focus on industrial engineering with natural refrigerants such as NH₃, CO₂ and Propane.

In addition, Harald teaches basic education and master classes throughout Austria as well as at the University of Applied Sciences Burgenland, where he also supervises bachelor and master theses. Furthermore, he contributes as a technical expert nationally and internationally, e.g. in standardization work at CEN/TC182/WG 06 "Revision of EN

378” and WG 12 “Flammable Refrigerants”. He is a founding member and chairman of the board of the Austrian Association of Refrigeration (ÖGKT) and published his first book on flammable refrigerants in August 2020.