

## Heads of Delegation

---



### **UNITED STATES OF AMERICA – MI STEERING COMMITTEE CHAIR**

**Julie CERQUEIRA**

**Principal Deputy Assistant Secretary, Office of International Affairs, U.S. Department of Energy**



Julie Cerqueira most recently served as the Executive Director of the U.S. Climate Alliance, a bipartisan coalition of governors working together to advance the most ambitious state climate agenda in our nation's history. As its inaugural director, Ms. Cerqueira played an integral role in building the coalition from the ground up and provided the tools, resources and technical expertise to help two dozen governors deliver on their climate and clean energy priorities. Prior to that, she served as a Senior Advisor to the Special Envoy for Climate Change at the U.S. Department of State where she led U.S. engagement in strategic partnerships, such as the Climate and Clean Air Coalition and the U.S.-Brazil Climate Change Working Group. Among other things, she also helped negotiate climate deliverables for high profile events such as the North American Leaders Summit, created the climate pillar of the U.S. Chairmanship of the Arctic Council, and launched the Brazil Climate Innovation Lab to mobilize climate investments overseas. Prior to her work in the federal government, Ms. Cerqueira worked with developing countries to design and implement climate policies and financial instruments at the climate think tank Center for Clean Air Policy, advised U.S. companies at the American Chamber of Commerce in Indonesia to expand U.S. investments overseas, and served as a U.S. Peace Corps Volunteer in the Philippines working with teachers and farmers to promote economic development and environmental stewardship. Ms. Cerqueira also worked in the private sector and for non-profits. She has a M.A. in International Political Economy and Development from Fordham University, and a B.S. in Biotechnology from Worcester Polytechnic Institute.



### **EUROPEAN COMMISSION – MI STEERING COMMITTEE VICE CHAIR**

**Rosalinde VAN DER VLIES**

**Director, Clean Planet Directorate, Directorate-General for Research and Innovation - European Commission, Deputy Mission Manager, Climate-Neutral and Smart Cities Mission**



Ms. Rosalinde van der Vlies is the Director of the Clean Planet Directorate in the European Commission's Directorate-General for Research and Innovation and Deputy Mission Manager of the Climate-Neutral and Smart Cities Mission. Before her appointment as Director, Ms. van der Vlies was the Head of Coordination & Interinstitutional Relations Unit, and acting Head of the Communication & Citizens Unit. Previously she held positions in Directorate-General Environment, Directorate-General Justice and Home Affairs, and in the private office of Janez Potočnik, the European Commissioner for the environment. Before joining the European Commission, she worked as a competition lawyer in an international law firm in Brussels and was a part-time teacher at the Catholic University in Brussels.



### **AUSTRALIA – MI STEERING COMMITTEE VICE CHAIR**

**Kushla MUNRO**

**Head of Division, International Climate and Technology Division, Australian Department of Climate Change, Energy, the Environment and Water**



Kushla heads up the International Climate and Technology Division at the Australian Department of Climate Change, Energy, the Environment and Water. Kushla is responsible for the delivery of the Australian Government's climate change policy, including international engagement in multilateral fora, net zero innovation and partnerships, and international strategic climate policy. Previously Kushla worked at the Department of Foreign Affairs and Trade as the head of the Global Development Branch, where in 2015 she was Australia's lead negotiator on the United Nation's Sustainable Development Goals. Kushla has also held senior roles in the Office of National Assessments and the Department of the Prime Minister and Cabinet. Kushla holds a Bachelor of Science and Bachelor of Laws (Hons) from the University of Queensland and a Masters of Environmental Sustainability (Distinction) from the University of Edinburgh



### **INDIA – CEM14/MI-8 HOST**

**Anita GUPTA**

**Head, National Science and Technology Entrepreneurship Development Board (NSTEDB), Innovation and Entrepreneurship and Technology Mission Division, Indian Department of Science and Technology (DST)**



Dr. Anita possesses over 25 years+ of professional experience in Management of various initiatives of Government of India on Innovation, Entrepreneurship, Startups, and Incubation at premier Technology Institutes with Pan India coverage. Having played a pivotal role in horizontal and vertical growth of innovation, entrepreneurship and startups in the country, Dr. Anita has been a lead catalyst in establishing over 165 technology business incubators at Institutions of Excellence. She is deeply involved in transforming the Indian Innovation landscape by engaging new models of Public Private Partnership with industry champions leading MNCs. She is heading Technology Mission Division with focus on Energy Technology Cell Driving Research, Development and Demonstration projects on Clean Energy Research Initiative including Solar Energy, Energy Storage, Hydrogen, Clean coal technologies, Methanol demo plants, Alternate fuels, Smart Grids, Building Energy Efficiency Carbon Capture and Utilisation. Dr. Anita is instrumental in carving out and implementing National Initiative for Developing & Harnessing Innovation (NIDHI) program by DST. She has led various first of its kind initiatives on advancing innovation value chain which includes promoting women entrepreneurship, innovation to prototype or support, seed support to startups, accelerator, Centre for Excellence in Incubation, capacity building and international market access program for Startups through bilateral and multilateral partnership programs.



### Technical Advisory Group

**Dean HASLIP**  
TAG Chair



Since February 2022, Dean has been the Chair of MI's Technical Advisory Group. Dean has worked in several science leadership positions, in particular, since 2013, he has been the Director General of CanmetENERGY-Ottawa, Canada's largest non-nuclear energy R&D facility. Dean leads a team of more than two hundred professionals, carrying out research in such areas as CCUS, bioenergy, industrial energy systems, and building energy systems and energy efficiency. In addition to this, Dean led the Analysis and Joint Research Sub-Group for Mission Innovation from 2016 to 2021. He played an important role in launching the Innovation Challenges in 2016, and continued to coordinate and assess their activities during this time period. In 2020 and 2021, Dean led the Independent

Assessment Group in reviewing the new Mission proposals for MI 2.0, making recommendations to the proponents on how to improve their proposals and to the Mission Innovation Steering Committee on which proposals were fit to launch.



### MISSION INNOVATION – HEAD OF MI SECRETARIAT

**Eleanor WEBSTER**  
Department for Business, Energy and Industrial Strategy, United Kingdom



As Head of the Mission Innovation (MI) Secretariat, Eleanor is leading a global initiative that brings together 24 governments and partners from the private sector to make clean energy affordable, attractive, and accessible this decade. Recently Eleanor was Head of International Climate Science in the UK Department of Business Energy and Industrial Strategy where she led the UK delegation for the Intergovernmental Panel on Climate Change and science negotiations within the UNFCCC. As a member of the COP26 Presidency team she focused on maintaining the momentum following the event in Glasgow last year. Before that, Eleanor has worked on earth observation policy for climate monitoring and technologies around enhancing greenhouse gas reporting. She

has also held several positions associated with climate communications, including running real-world demonstrations on climate adaptation techniques. Eleanor holds a PhD in climate science.



### AUSTRIA

**Elvira LUTTER**

**Program Manager, Climate and Energy Fund, Austrian Federal Government**



Elvira Lutter is business economist with more than 20 years of professional experience in the energy sector, currently working as Program Manager for the Climate and Energy Fund of the Austrian Federal Government. She is responsible for the design and management of national energy research and innovation programmes as well as for participation in European research programmes. In April 2016, Ms Lutter was nominated by the Federal Ministry for Climate Policy as the Austrian delegate to the Executive Committee of the IEA Technology Cooperation Programme on Industrial Energy-Related Technologies and Systems (IETS). Since September 2022 she is Mission Director of the Mission

Innovation Net-Zero Industries Initiative. Elvira Lutter studied business administration at the Karl Franzens University in Graz and at the University of Liège. She completed a specialisation in Marketing Management & Strategy at the Anderson Business School of Management, UCLA.



### BRAZIL

**Agnes Maria DE ARAGÃO DA COSTA**

**Director, Brazilian Electricity Regulatory Agency**



Mrs. Agnes Maria de Aragão da Costa is, since December 2022, Director of the Brazilian Electricity Regulatory Agency (ANEEL) with a term of office until December 2nd, 2028. Between 2019 and 2022 she was the Head of the Special Advisory Board on Regulatory Affairs of the Ministry of Mines and Energy (MME), specializing in Energy and Mining Economies. She is enthusiastic about the role of the energy sector in the positive transformation of society. In her last role, she coordinated the Modernization of the Electricity Sector, the National Hydrogen Program, the Permanent Commission for the Analysis of Methodologies and Computational Programs of the Electricity Sector

(CPAMP), and MME policies related to (i) energy transition, (ii) research, development, and innovation, and (iii) international and multilateral cooperation. She worked at the MME for almost eighteen years, recommending and formulating public policies, being a member of the career Experts in Public Policy and Government Management since 2006, and having also held, until 2019, the roles of advisor, special advisor, program director, and Deputy Head of the Special Advisory Board on Economic Affairs. She holds a bachelor's degree in Economic Sciences from the Federal University of Rio de Janeiro (UFRJ) and a master's degree in Energy from the University of São Paulo (USP). She has experience in corporate governance, having served on councils since 2014. She was a member of the Board of Directors of CEAL, CEPISA, and Norte Energia and a member of the Audit Committee of Eletrobras and Petrobras.



### CANADA

**Amanda WILSON**

**Director General, Office of Energy Research and Development, Natural Resources Canada**



Amanda is the Director General of the Office of Energy Research and Development at Natural Resources Canada where she is responsible for a number of Government of Canada programs and initiatives in the area of energy innovation. She serves as the Canadian representative on the MI Steering Committee and is the chair of the IEA Committee on Energy Research and Technology. Prior to taking on her current role in 2017, Amanda held the position of Director of Operations for the Smart Cities Challenge at Infrastructure Canada. She previously served as Executive Director, then Acting Director General, of the Centre for Chronic Disease Prevention at the Public Health Agency of Canada, and was responsible for Government of Canada programming in the area of healthy living. She holds a law degree from the University of Ottawa and an undergraduate degree in political science from Dalhousie University.



### CHILE

**Mijal BRADY BERKOWITZ**

**Coordinator, International Affairs Office, Chilean Ministry of Energy**



BA in Government, Public Administrator, and MA in Political Science. With more than ten years of experience in the Chilean Public Sector. She is a Coordinator at the International Affairs Office at the Ministry of Energy. Currently, she is responsible for bilateral relations with North and South American countries and manages the Ministry's relations with Multilateral Banks, among other important tasks. She is responsible for Clean Energy Ministerial.



### CHINA

**Ping LU**

**Science and Technology Counselor, Chinese Embassy in Brazil**



Mr. Ping LU is currently the Science and Technology Counselor of the Chinese Embassy in Brazil. He was the division director and Associate Counsel of the Ministry of Science and Technology of China (MOST). He once served as the first secretary for S&T affairs of the Chinese Embassy in Belgium from 2011 to 2013, and was the Consul (Counselor Rank) of the Chinese Consulate General in Sydney.



**DENMARK**

**Cecilie BUCH**

**Energy Advisor, Embassy of Denmark in Brazil**

Bio to be added



**FINLAND**

**Juho KORTENIEMI**

**Chief Specialist, Ministry of Economic Affairs and Employment**

Bio to be added



**GERMANY**

**Kurt-Christoph von KNOBELSDORFF**

**CEO and Spokesman, NOW GmbH (National Organisation Hydrogen and Fuel Cell Technology)**



Kurt-Christoph von Knobelsdorff is a graduate economist and, following professional positions at the Association of the German Chambers of Industry and Commerce (DIHK) and the German Association of Family Businesses, he held senior positions in the Berlin Senate and the Ministry of Economic Affairs in Schleswig-Holstein. Before joining NOW GmbH as Managing Director, he was Head of Department at the Brandenburg Ministry of Energy. With its coordination of federal government programmes, political consulting and networking at the interface of politics, industry, municipalities and science,

NOW GmbH makes a major contribution to achieving the climate objectives to which Germany has committed itself.



**JAPAN**

**Masaomi KOYAMA**

**Director, International Affairs Office, Industrial Science & Technology Policy and Environment Bureau, Japanese Ministry of Economy, Trade and Industry**



Mr. Koyama has served as the Director, International Affairs Office, Industrial Science, Technology and Environment Policy Bureau, Ministry of Economy, Trade and Industry (METI) since July 2021. He is in charge of international affairs on industrial science and technology policy. From July 2017 to August 2021, Mr. Koyama served as a Director in charge of international affairs on energy infrastructure development, development and deployment of energy efficiency, renewable energy and related technologies including hydrogen in the Agency for Natural Resources and Energy, METI. He has also served as a chair, a moderator

and a speaker of international meetings and conferences including the Chair of 21st IRENA Council. Mr. Koyama has long experience in policy planning, development of electricity sources, research and development of nuclear energy, regulation, communication and international cooperation in the energy field. He also has an experience of working for the International Atomic Energy Agency (IAEA) in Vienna as a Public Information Specialist and for the International Renewable Energy Agency (IRENA) in Abu Dhabi as the Senior Programme Officer - Innovation and Technology.



### MOROCCO

**Najlae HABIBI**

**Advisor, Climate Emergency Collaboration Group (CECG)/Integrate to Zero**

Bio to be added



### NETHERLANDS

**Invited**

Bio to be added



### NORWAY

**William Frank CHRISTENSEN**

**Deputy Director General, Norwegian Ministry of Petroleum and Energy**



William Frank Christensen is Deputy Director General in the Royal Norwegian Ministry for Petroleum and Energy. He heads the unit for Research and Technology. Between August 2015 and May 2018, he acted as Director General heading the Department for Climate, Industry and Technology. He returned to the Ministry in August 2009 from the position as Energy Counselor at the Royal Norwegian Embassy to the US in Washington DC. William Christensen has served in many different positions at the Ministry of Petroleum and Energy, covering both petroleum offshore issues, renewable energy and energy efficiency policies. William Christensen holds a Master in Mechanical Engineering from the Norwegian University of Science and Technology.



### REPUBLIC OF KOREA

**Gwonho JEONG**

**Deputy Director, Energy Technology Division, Korean Ministry of Trade, Industry and Energy**



Gwonho Jeong is Deputy Director at Energy Technology Division of the Ministry of Trade, Industry and Energy (MOTIE) in the Republic of Korea. He joined the Energy Technology Division in January 2023 and coordinates international cooperation of the Division. Prior to joining the Division, he spent 3 years at Biotech, Chemistry and Service Standards Division of the Korean Agency for Technology and Standards. He also had worked across Middle East and Africa Trade Division, Electrical and Electronics Division and Regional Economic Policy Division at MOTIE. He holds a BA degree in Economics from the Kyung Hee

University, Republic of Korea.



### KINGDOM OF SAUDI ARABIA

**Faisal Fahad AL-MUSA**

**Director General for Clean Hydrocarbon Technologies Support, Ministry of Energy**



Faisal Fahad Al-Musa has an extensive work experience within Saudi Aramco in Operating Facilities, Engineering Services and Corporate Planning as well. After his long experience with Saudi Aramco, he served as an Executive Director for the Energy & Water Sector at the Ministry of Investment along with being a board member at the recently formed National Center for Waste Management. Faisal currently serves as a Director General for Clean Hydrocarbon Technologies Support Department at the Ministry of Energy where he oversees the Ministry's

involvements in multiple international initiatives including, but not limited to, Mission Innovation, Clean Energy Ministerial and Global Methane Initiatives. Faisal's experience is mainly on areas around energy management, energy performance analysis, energy assessment studies, and energy policies. Faisal has also achieved several Intellectual Properties (IP) milestones where he co-invented two patents, authored/co-authored two books' chapters, and published several technical papers in distinguished international conferences such as ASHRAE and AIChE. Faisal's IP efforts was culminated at the highest level in the country by receiving The 2017 Custodian of the Two Holy Mosques (King Salman) Award for inventors. Faisal Al-Musa, holds a B.Sc. degree in Mechanical Engineering and a Master's Degree in Engineering Management along with a Master's Degree in Clean Energy Engineering. He is a Certified Energy Manager (CEM) and a Certified Energy Auditor (CEA) by the Association of Energy Engineers (AEE) and a Certified Project Management Professional (PMP) from the Project Management Institute (PMI).





**SPAIN**

**Ignacio GARCIA FENOLL**

**Deputy Director General for Coordination of Innovation, Spain's Ministry of Science and Innovation.**



Civil Servant (Cuerpo Superior de Administradores Generales de la Junta de Andalucía). MSc. in Telecommunication Engineering, MSc. in Computer Science, Bachelor in Law, Ignacio García Fenoll has more than 15 years of experience in public and private STI policies as senior consultant, project officer, technologist, researcher and public officer. He is currently developing his PhD. Thesis at the University of Granada coordinated by professors Francisco Herrera and Javier

Valls, focused on the legal and administrative implications of AI.



**SWEDEN**

**Jacob PAULSEN**

**Counselor - Innovation, Science and Higher Education, Embassy of Sweden to Brazil**

Bio to be added



**UNITED ARAB EMIRATES**

**Dane MCQUEEN**

**Director, International Programs and Partnerships, UAE Office of the Special Envoy for Climate Change**

Bio to be added



**UNITED KINGDOM**

**Lee McDONOUGH**

**Director General, Net Zero, Nuclear and International, U.K. Department for Energy Security and Net Zero**



Lee is the Director General for Net Zero, Nuclear and International at the Department for Energy Security and Net Zero, and is responsible for the delivery and implementation of the UK's Net Zero programme, international climate policy, and ensuring the delivery, safety and security of the UK's nuclear programme. This includes: Cross Government Net Zero Strategy; International energy and climate policy; Science and innovation for energy

and climate; and New Nuclear projects and infrastructure, the existing fleet, decommissioning, safety, security and safeguards.

---

## COLLABORATING ORGANISATIONS

---



### **BREAKTHROUGH AGENDA**

**Edward WEBBER**

**Deputy Director for International Net Zero Financing & Sector Transitions, U.K. Department for Business, Energy and Industrial Strategy**

Bio to be added



**Breakthrough Energy**

### **BREAKTHROUGH ENERGY**

**Name**

**Title**

Bio to be added



**GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY**

### **GLOBAL COVENANT OF MAYORS**

**Andy DEACON**

**Co-Managing Director**



Andy is the Co-Managing Director of the Global Covenant of Mayors for Climate and Energy (GCoM). Previously he held the role of the Director of Strategy and Operations at GCoM, guiding program delivery across multiple areas of activity. Immediately prior, Andy was Policy Coordinator for Climate Alliance, where among other projects, he was project technical coordinator for the series of EU Sustainable Energy Investment Forums. Andy has worked for 20 years across a range of environmental protection issues focusing on climate change, energy and air quality in local, regional and central government, academia and NGOs. He has been part of and led major initiatives on city carbon reduction strategies, community energy, large-scale home retrofit financing, household energy saving behaviour, and air pollution assessment and management. Andy has a BSc in Geography and Environmental Studies from the University of Surrey Roehampton Institute and an MSc in Applied Meteorology and Climatology from the University of Birmingham.



**INTERNATIONAL ENERGY AGENCY**

**Mary WARLICK**  
Deputy Executive Director



Mary Burce Warlick is the Deputy Executive Director of the International Energy Agency (IEA). A retired career diplomat and former U.S. Ambassador to Serbia, Ms. Warlick has held a variety of senior leadership positions at the U.S. Department of State, National Security Council and Department of Defense, serving in Washington and abroad. From 2014-2017 she served as the State Department’s Principal Deputy and Acting Special Envoy for International Energy Affairs and represented the U.S. on the IEA Governing Board. Ms. Warlick holds a B.A. in Political Science and an M.A. in Law and Diplomacy.



**INTERNATIONAL RENEWABLE ENERGY AGENCY**

**Ricardo GORINI**  
Senior Programme Officer - Renewable Energy Roadmaps



Ricardo Gorini is an economist, holds an MBA on Finance, MSc. and DSc. in Energy. He joined IRENA in 2018 as Senior Program Officer – REmap responsible for the Renewable Energy roadmaps program. He is co-author of the IRENA roadmap series including the latest World Energy Transitions Outlook 2050. Previously he has worked in the financial market and mining sector, as well as advisor for energy policies and regulation in Brazil, including the role of Director of the Brazilian Energy Office (EPE). Before joining IRENA, he was also the Brazilian sherpa for Clean Energy Ministerial (CEM) and Mission Innovation (MI).



**MISSION POSSIBLE PARTNERSHIP**

**Manosij GANGULI**  
Director of Sector Transitions



Manosij Ganguli is the Global Director of Sector Transitions for Mission Possible Partnership (MPP). Manosij works with partner organisations to facilitate the adoption and embedding of sector strategies established by MPP in sectors like aviation, shipping, trucking, chemicals, cement/concrete, aluminum, and steel to make Net Zero possible across these hard-to-abate sectors. Manosij is also the Head of the Mobility sectors for MPP and led the work on Sector transition strategies for Aviation and Heavy-Duty Trucking released in 2022, which were endorsed by ~100 industry partners across the value chain. Before joining MPP, Manosij was with BP, as Global Program Director managing transformation programs and Energy Transition. Manosij has also spent time in strategy consulting and other operational roles in the energy industry.

## CEM & MI IN RIO

Clean Energy Ministerial 14 Senior Officials Meeting  
Mission Innovation 8 Annual Gathering



**THE WORLD BANK**  
IBRD • IDA | WORLD BANK GROUP

**WORLD BANK**  
Invited

Bio to be added



### **WORLD ECONOMIC FORUM**

**Espen MEHLUM**

**Head of Energy, Materials and Infrastructure Programs, Energy & Industry  
Transition Intelligence and Regional Action**



Espen Mehlum leads Programs and initiatives within the World Economic Forum's global platform for Energy, Materials and Infrastructure. He has 23 years of experience in energy, sustainability, and international collaboration. From 2000-2004, he was advisor in the Norwegian Ministry of Petroleum and Energy and from 2004-2006, he served as Norway's Energy Advisor to the International Energy Agency (IEA). From 2006 to today he has held several positions at the World Economic Forum. Espen holds a Master of Science degree in Economics from the Norwegian School of Economics and Business Administration (NHH), World Economic Forum Global Leadership Fellow.