



WTO Workshop on Environmental Goods and Services

Geneva, Switzerland

23-25 September 2009

Profiles

WEDNESDAY, 23 SEPTEMBER 2009

Session on Renewable Energy

Mr. Ronald Steenblik (Moderator)

Senior Trade Policy Analyst, Trade and Agriculture Directorate, OECD

Mr. Steenblik is a Senior Trade Policy Analyst for the Trade and Agriculture Directorate of the Organisation for Economic Co-operation and Development (OECD). His current focus is on the effects of trade liberalization on greenhouse gas emissions, the trade effects of carbon-footprint labelling, and the challenges of green growth. He is the author of a number of studies relating to trade in environmental goods and services. In 2006 and 2007, Mr. Steenblik was Director of Research for the Global Subsidies Initiative (GSI) of the International Institute for Sustainable Development (IISD), a new program aimed at improving information on the extent and effects of subsidies, especially those harmful to developing countries or the environment. His professional career spans three decades, in industry, academia, government, and inter-governmental and non-governmental organizations, generally on policy issues related to natural resources, the environment, or trade. He holds a Bachelor of Science degree from Cornell University (1974) and a Masters of Science degree from the University of Pennsylvania (1985).

Professor Ralph Sims

Senior Analyst, Renewable Energy and Climate Change, International Energy Agency (IEA), Paris and Professor of Sustainable Energy, Director, Centre for Energy Research, Massey University, New Zealand

Professor Sims is currently a Senior Analyst in Renewable Energy and Climate Change at the International Energy Agency, whilst maintaining the position of Professor of Sustainable Energy at Massey University, where he began his energy research career over three decades ago. He was the Co-ordinating Lead Author of the "Energy Supply" chapter for the 4th Assessment Report of the Intergovernmental Panel on Climate Change, the 2007 Nobel Peace Prize recipient and a Lead Author of the focus group for the forthcoming IPCC Special Report on Renewable Energy. He has acted as a consultant to many energy companies and is a chartered engineer and Companion of the Royal Society of New Zealand.

Dr. Veena Jha

Expert, International Centre for Trade and Sustainable Development (ICTSD)

Dr. Jha is a visiting professorial fellow at Warwick University and a Research Fellow at IDRC, Canada. She is the Director of Maguru Consultants Limited, U.K and is currently engaged in working on issues related to trade and climate change, trade-related technical assistance with bilateral donors such as the EU, and on inclusive growth issues. She worked for the United Nations and its specialised organisations for over 20 years.

Professor Mohamed S. El-Sobki (Jr.)

Manager, Renewable Energy and Energy Efficiency Program, Industry Modernization Center, Ministry of Trade and Industry, Egypt

Professor El-Sobki is the Energy Efficiency and Renewable Energy Manager at the Industrial Modernization Center (IMC) of Egypt, as well as an Adjunct Professor at Cairo University, Egypt. Professor El-Sobki currently focuses on promoting the diversity, preservation and integration of energy resources. Using renewable energies, resorting to energy efficiency and energy trade comes on the top of his activities; in addition to the liberalization of energy markets. He is a member on the national energy committee, Federation of Egyptian Industry energy committee, and the energy efficiency committees at the Ministry of Trade and Industry and the Egyptian Cabinet of Ministers. He authored a number papers on efficient use of electric energy, the most recent one, "Wind Power in Egypt: An Investment Case Study for the Trade & Climate Change Programme"; co-authored with both the International Institute for Sustainable Development (IISD) and Environics of Egypt. He was the founding Managing Director of Electric Utility and Consumer Protection Regulatory Agency in Egypt between 2001 and 2006. He holds a Bachelor and Master degree in Electrical Engineering from Cairo University (1977, 1980) and a Doctor of Electric Engineering degree from McMaster University, Hamilton Canada (1985).

Mr. Chintan Shah

Head, Strategic Business Development, Suzlon Energy Ltd, India

Mr. Shah is currently employed with SUZLON Energy Limited, which is the third largest wind energy company in the world. He heads the division of Strategic Business Development, and his areas of expertise are policy and regulatory issues involving power sector, central government policy structures to do with export, issues with bilateral trade treaties, climate change/CDM, mainstreaming and commercialisation of renewable energy deployment, etc. He has participated in various workshops, events on the barriers faced by EGS (i.e. renewable energy trade), Tariff and Non-Tariff Barriers, organised by UNCTAD, ICTSD, various international governments. Prior to SUZLON, he was working with Tata Energy Research Institute (TERI), in the field of renewable energy and climate change. During his career he has presented various papers and presentations at various forums. Academically he is a chemical engineer by training.

Dr. Moses Ikiara

Executive Director, Kenyan Institute for Public Policy Research and Analysis (KIPPRA), Environment for Development in Kenya

Dr. Ikiara is the Executive Director of the Kenya Institute for Public Policy Research and Analysis (KIPPRA), which is a public think tank mandated to support the public policy process in Kenya by conducting independent and objective policy research and analysis, through capacity building. Previously, he worked as Analyst, Senior Analyst and Programmes Coordinator at KIPPRA, and as Lecturer at the School of Environmental Studies in Moi University. Dr. Ikiara obtained his PhD from the University of Amsterdam in environmental and natural resource economics. His previous academic qualifications include Bsc. (Agriculture) and MA (Economics), both from the University of Nairobi. Dr. Ikiara has vast experience in policy research and analysis, having researched on diverse

development issues in the nine years he has worked at KIPPRRA. In addition, he has published widely on issues such as fisheries, cotton-textile industry, trade in services and in environmental goods and services, tourism, solid waste management and environmental policy.

Mr. Dylan Tudor-Jones

Managing Member, Solar Heat Exchangers, Chair of the Solar Water Heating Division of the Sustainable Energy Society of Southern Africa (SESSA)

Mr. Tudor-Jones is the Managing Member of Solar Heat Exchangers cc (solar heat), a Johannesburg-based company established in 1987 and specializing in solar thermal applications. Mr. Tudor-Jones is primarily involved in sales and communications within the business with a personal focus on commercial applications. He started his solar career as an apprentice in 1994 and took over solar heat as Managing Member in 2001. He co-authored the Solar Water Heating (SWH) sub-section of the SA Plumbers Handbook. He has been invited to speak at various EE & RE Conferences. He is a SABS technical committee member for SWH standards. He was invited by Eskom to sit on the Eskom SWH advisory board prior to the launch of their SWH Rebate Programme. Mr Tudor-Jones regularly presents to Professionals in the Architectural and Engineering field and has recently been nominated to represent industry on the NERT Demand Side Management Task Team for SWH. He was a founding member of the Solar Water Heating Division of the Sustainable Energy Society of Southern Africa and is currently the elected Chairman of the Solar Water Heating Industry.

THURSDAY, 24 SEPTEMBER 2009

Mr. Pierre Portas (Moderator)

President, Waste Environment Cooperation Centre

A biologist by training, Mr. Portas joined the international office of WWF in 1976, and then worked for the World Conservation Union (IUCN) from 1979 to 1988. In 1989 he was asked to set up the Secretariat of the Basel Convention administered by UNEP, where he held various functions until February 2007. He left the Secretariat as Deputy Executive Secretary. In the Summer of 2007, he created the NGO Waste Environment Cooperation Center based in France. He also carried out teaching on strategies for conserving natural resources at the former University Institute of Development Studies in Geneva.

Session on Solid and Hazardous Waste Management

Dr. Katharina Kummer-Peiry

Executive Secretary, Basel Convention on the Transboundary Movement of Hazardous Waste and their Disposal

Dr. Kummer-Peiry has been the head of the Secretariat of the Basel Convention since September 2007. A specialist in international environmental law and policy, she has worked on issues related to the Basel Convention since 1988, when she joined the United Nations Environment Programme in Nairobi to assist in the negotiation process of the Convention. 2008 thus marked her personal 20th anniversary with the Basel Convention. Serving in the International Affairs Division of the Swiss Agency of Environment, and subsequently as Head of Section on Environmental Affairs in the Swiss Federal Department of Foreign Affairs from 1994 to 1999, Dr. Kummer-Peiry participated in various environmental negotiation processes and chaired negotiating groups on legal and institutional issues. In 2000, she founded a consulting firm specializing in international environmental policy and law, with which she worked until 2007. From 1999 to 2007, she also taught international environmental law at the Master level at the University of Berne (Switzerland). Dr. Kummer-Peiry holds a PhD in

International Law from the University of London (United Kingdom) and a Master of Law from the University of Zurich (Switzerland), as well as a Certificate of Advanced Studies in Mediation from the University of St. Gallen (Switzerland). She has authored, and contributed to numerous academic publications on international environmental law, international chemicals and waste management and other environmental issues. 1995 saw the publication of her book *International Management of Hazardous Wastes: The Basel Convention and Related Legal Rules*. It is still considered by many as the standard work on the Basel Convention.

Ms. Marba Visagie

Deputy Director Environment, Department of Trade and Industry, South Africa

Ms. Visagie's skills include education, financial management, public administration and business development. In the Environment Section of the Trade and Industry Ministry, she contributes to aligning economic and environmental objectives towards sustainable development. Her passion is to see the South African environmental industry growing through services and cleaner technologies for a more sustainable economy. Recent deliverables include: Establishing the South African CDM Industry Association, to accelerate our uptake of CDM projects; Launching the SA Environmental Goods and Services Forum with the aim of taking hands in increasing business opportunities; Participating in the National Green Jobs Programme of Action; Initiating the National Cleaner Production Centre South Africa (NCPC-SA) as a partnership that was announced at the Johannesburg World Summit for Sustainable Development (WSSD), 2002. NCPC-SA is currently working on an Industrial Energy Efficiency project worth €14million and offering training, auditing and advocacy on energy systems optimisation; Initiating the SA Recycling Industry Body with the aim of improving business opportunities and employment through recycling.

Dr. Jean Bogner

President, Landfills Plus Inc., Research Professor at University of Illinois, Chicago, United States

Dr. Bogner, President, Landfills +, Inc., and research professor at the University of Illinois, Chicago, was the Coordinating Lead Author for the chapter on Waste Management for the 2007 Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report Working Group III (Mitigation). In 2007 the IPCC was awarded the Nobel Peace Prize with former Vice President Al Gore. Formerly, she worked at Argonne National Laboratory for more than 20 years. She has more than 30 years experience and more than 60 publications on field and laboratory research related to landfill gas generation, emissions, recovery & utilization. She also works extensively with U.S. and international landfill gas recovery projects, including Clean Development Mechanism (CDM) projects in developing countries.

Session on Water and Waste Water Treatment

Dr. Chizuru Aoki

Senior Programme Officer, United Nations Environment Programme International Environmental Technology Centre (UNEP IETC)

Dr. Aoki, Senior Programme Officer at UNEP's International Environmental Technology Centre (IETC), coordinates the water and sanitation pillar for IETC, focusing on the application of Environmental Sound Technologies (ESTs). Her responsibilities include the largest UN environmental management initiative in Iraq, programmes to improve water and sanitation services and ecosystem management at the local level, and applications of water footprint and neutrality concepts in water-stressed countries. After first joining UNEP in 1993, she became a Fulbright Fellow at the Massachusetts Institute of Technology (MIT) in 1997 and subsequently received her Ph.D in Technology, Management and Policy. Prior to returning to UNEP in 2003, she continued her work as a researcher at MIT, and conducted integrated assessments of environmental technologies,

and made policy recommendations. She holds a BS in Civil Engineering from Rice University, and MS in Environmental and Water Resource Engineering from the University of Texas, Austin.

Dr. Suda Bunduwongse

General Manager and Senior Environmental Engineer, Aquathai Co. Ltd, Thailand

Dr. Bunduwongse is a General Manager and Senior Environmental Engineer with Aquathai, with overall responsibility for project development, engineering, design and construction supervision of water treatment systems, wastewater treatment plants and operation and maintenance. She has been responsible for the successful delivery of design-build-finance-operation and design-build for public and private clients on various projects in Thailand. She has acted as Project Director for many water and wastewater treatment projects including operation and maintenance work. She is also responsible for business development, managing and supervision of tender preparation, bidding documents, preliminary investigations, preliminary design, detailed engineering and contract documents.

FRIDAY, 25 SEPTEMBER 2009

Mr. Pedro Roffe (Moderator)

Senior Fellow, ICTSD

Mr. Roffe is Senior Fellow at the International Centre for Trade and Sustainable Development (ICTSD), Programme on Intellectual Property and Development and former staff of the United Nations Conference on Trade and Development (UNCTAD). His work has focused on international aspects of transfer of technology, intellectual property and foreign direct investment. He has worked recently on projects with the Corporacion Andina de Fomento (CAF), the UN Economic Commission for Latin America, the Inter-American Development Bank (IDB), the Centre for International Environmental Law (CIEL), UNCTAD, the Quaker United Nations Office (QUNO) and private corporations. Published contributions that he has recently been involved with include: International Technology Transfer: The Origins and Aftermath of the United Nations Negotiations on a Draft Code of Conduct; Bilateral Agreements and a TRIPS-Plus World: the Chile-USA Free Trade Agreement; Resource Book on TRIPS and Development; Negotiating Health: Intellectual Property and Access to Medicines; America Latina y la Nueva Arquitectura Internacional de la Propiedad Intelectual. He graduated from the Faculty of Law of the Universidad de Chile and made postgraduate studies at New York University, Europa Institute (University of Amsterdam) and the Graduate Institute of International Studies (Geneva). He is of Chilean nationality.

Session on Air Pollution Control and Environmental Technologies

Mr. XU Qinghua

Director-General, Department of International Cooperation, Ministry of Environment Protection, China

Mr. Xu Qinghua, Master of Engineering Science (Major in Environment Management), as a Senior Engineer, has held the position of Director-General of the Department of International Cooperation, Ministry of Environmental Protection (MEP) from 2002. He was Secretary General of China Environmental Protection Foundation (DG level) from 1996-2002, Deputy Representative of China Permanent Mission to UNEP (at Counselor level) from 1993-1996, Vice President of Chinese Research Academy of Environmental Sciences (Vice DG level) from 1992-1993, Assistant President of Chinese Research Academy of Environmental Sciences from 1991-1992. He has written many significant works, including Improve Sustainable Trade System and Facilitate Environmental Protection Work in China, etc.

Professor Shozo Kaneko

Kaneko Laboratory, Institute of Industrial Science, University of Tokyo, Japan

Dr. Kaneko graduated from the Department of Mechanical Engineering, University of Tokyo, and obtained his Doctorate from the said university. Before entering academia, Dr. Kaneko had been in the private sector for more than 30 years, and engaged in developing, designing and constructing a number of power plants and air pollution control equipments, especially NO_x reduction systems. He was awarded a Distinguished Medal from the Japan Society of Mechanical Engineers, on Innovative NO_x reduction technology. He also has experience in transferring these technologies to various countries to reduce pollution in those countries. His final job in the private sector was Executive Vice President of Clean Coal Power R&D Co. which constructed the Japanese National Project IGCC (Integrated coal Gasification Combined Cycle), one of the cleanest coal fired plants in the world.

Mr. Peter Bruijns

President and CEO, Biorem Technologies, Canada

Mr. Bruijns has a degree in Mechanical Engineering, is a Professional Engineer and earned a MBA from the Ivey School of Business. He has over 15 years of relevant senior management background and offers a strong experience base from which to lead. Mr. Bruijns joined BIOREM from his post as President of the Stiller Centre for Technology Commercialization where he guided numerous biotechnology startup companies in their successful development and gave the center a premier national reputation. Previous to this role, Mr. Bruijns led a pioneering joint venture in Beijing, China in the healthcare field where he was responsible for negotiations, financing, design and construction as well as on the ground operations management of the first private hospital in China. Rounding out his experience were executive leadership roles in construction, sales, manufacturing, design and engineering with companies such as Sutherland-Shultz and Glendale RV.

Mr. Thaddeus Burns

Senior Counsel, Intellectual Property & Trade, General Electric

Thaddeus Burns is GE's counsel for intellectual property and trade, Europe where he leads a team of 30 professionals supporting GE businesses and global research. Before joining GE, he worked in the Brussels office of Akin, Gump and prior to that served as the US Patent and Trademark Office IP attaché at the US Missions to the World Trade Organization and the UN Organizations in Geneva. Mr Burns clerked for Judge Karen Williams on the US Court of Appeals for the Fourth Circuit and graduated from the Catholic University School of Law in 1992, where he served on the law review.

Session on Transfer of Technology

Dr. Heinz Leuenberger

Director, Environment Management Branch, UNIDO

Dr. Leuenberger has been the Director of the Environmental Management Branch (EMB) of UNIDO since March 2006. Prior to joining UNIDO, from November 1988 to February 2006, Dr. Leuenberger served as Chief Technical adviser (CTA) for the Vietnam Cleaner production Centre in Hanoi. From 2005 to 2006, he was also working as CTA in the Cleaner Production Programme of Lao PDR and the Kingdom of Cambodia. In 1991, Dr. Leuenberger founded the Environmental Technology Institute (IFU) at the University of Applied Sciences in Muttenz, Switzerland. From 1991 to 1999, he was the Head of the Institute and, as a professor there, he lectured the postgraduate course on environmental technology. During this period, he also organised several well-recognised international training courses on hazardous waste management. From 1987 to 1991 he was in charge of the department of Water and Waste Management of the Environmental Agency in the Canton of Solothurn. Before joining the Agency he worked in a consulting company and as a researcher at the Federal Institute for

Material Testing (EMPA). Dr. Leuenberger holds a Master Degree in Chemistry and a Ph.D in Chemistry both from the Federal Institute of technology (ETH) in Zurich, Switzerland.

Dr. Muthukumara S. Mani

Senior Environmental Economist, Sustainable Development Department, World Bank

Dr. Mani a Senior Environmental Economist in the Sustainable Development Department of the World Bank's South Asia region based in Delhi. He works primarily on climate change mitigation and adaptation issues in India. Prior to moving to Delhi, he was in the Environment Department leading the World Bank's work on assessing environmental implications of development policy reforms. His work also focused on country environmental assessments, natural resources management, environmental institutions and governance, climate change and adaptation and trade and climate change issues. Prior to joining this position, he was an Economist in the Fiscal Affairs Department of the International Monetary Fund, where he was responsible for analyzing environmental implications of macroeconomic policies and programs and in integrating environmental considerations broadly in the country programs. Dr. Mani has a Ph.D. and M.A. in Economics from the University of Maryland, College Park.
