



IFNEC Finance, Regulatory, Energy Planning Authority Workshop
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Speaker/Expert Biographies



Ambassador Hamad AL KAABI

*Permanent Representative of the UAE to the International Atomic Energy Agency,
Special Representative for International Nuclear Cooperation*

H.E. Al Kaabi has helped lead the UAE assessment for developing a peaceful nuclear energy program since 2006, and has served as a primary interlocutor on matters relating to nuclear energy and nonproliferation between the UAE Government and international organizations and governments, including the International Atomic Energy Agency (IAEA).

Ambassador Al Kaabi is currently the UAE's permanent representative to the IAEA and was named Special Representative for International Nuclear Cooperation in 2008.

The Ambassador is personally involved in all key milestones of the nuclear energy assessment, drafting and release of the Policy of the United Arab Emirates on the Evaluation and Potential Development of Peaceful Nuclear Energy, and Bilateral Agreements related to cooperation in the peaceful uses of nuclear energy between the UAE and various nuclear supplier nations.

Ambassador Al Kaabi was trained as a nuclear engineer, earning his bachelor's and master's degrees from Purdue University in Indiana (USA). His graduate work focused on nuclear safety.

Prof. Kamal J. ARAJ

Vice Chairman & Commissioner for Nuclear Power Reactors, Jordan Atomic Energy Commission.

Dr. Kamal Araj is responsible for all international cooperation agreements and activities and serves as a liaison to the IAEA and other international organizations. He is also the project manager for the Jordan Nuclear Power Plant.

Prior to his current role, Dr Araj served as the Government Advisor for Nuclear Energy and as the scientific advisor for King Abdullah Development Bureau (KADDB).

Prior to 2006, Dr. Araj worked as a senior policy and planning advisor at the IAEA in Vienna for five years. Prior to that, Dr. Araj was an international consultant in energy and advanced technology in Washington, DC. His clients included: RCG/Hagler, Bailly, Inc.; XERAD, Inc.; the BDM Corporation; Argonne National Laboratory; and the U.S. ACDA.

Dr. Araj held academic and research appointments at the Massachusetts Institute of Technology (MIT), Harvard University, Brookhaven National Laboratory and the U.S. National Academy of Sciences.

Dr. Araj received both his B.S. in physics and B.S.E. in nuclear engineering from the University of Michigan, Ann Arbor. He obtained his Ph.D. at MIT in nuclear engineering with a minor in energy technology and policy.



Dr. Nadira BARKATULLAH

Director of Economic Regulation, Regulation & Supervision Bureau, Abu Dhabi

Dr. Nadira Barkatullah is a specialist economist in infrastructure financing and regulated utility industries. Dr. Barkatullah has more than fifteen years of experience in applying economic concept and conducting quantitative analysis while working on projects around the globe. The experience includes advising both governments and major organizations. While at the IAEA, she worked on financing and investment analysis of capital intensive infrastructure projects as well as energy and sustainable development issues. Dr. Barkatullah also represented the IAEA at various expert advisory committees, like the OECD Working Party on Nuclear Energy Economics.

Prior to joining the IAEA, Dr. Barkatullah was the Divisional Director of London Economics London-based international utilities practice and London Economics' associate practice for the Asia Pacific region. In this capacity she led local and international projects in the infrastructure industries in relation to various issues including cost of capital analysis, evaluations of various funding options, tariff design, market reform, efficiency analysis, market performance, third party access, competition, and liberalization.

Dr. Barkatullah has several years of experience as an economist working as Senior Manager for KPMG Australia and ACIL Consulting, as well as for Sydney Water and Energy Australia.

Dr. Nadira Barkatullah has a Masters in Economics from Carnegie Mellon University, USA and a PhD in Economics from the University of Sydney, Australia.



Mr. George BOROVAS

Partner, Head of International Nuclear, Pillsbury Winthrop Shaw Pittman LLP

Mr. George Borovas concentrates his practice on the development and financing of new nuclear power plants. He has recent experience advising governments on the development of civilian nuclear power programs and the construction of new nuclear power plants. He regularly negotiates contracts and advises clients on the establishment of global joint ventures relating to the nuclear industry as well as on transactions for the trading of fuel, equipment, and services for nuclear power plants. Mr. Borovas advises companies on international nuclear liability and export compliance issues and has represented buyers in transactions involving the acquisition of nuclear power plants.

Mr. Borovas has worked on nuclear projects and transactions in the U.K., the U.S., Europe, the Middle East, Japan, South Korea, Southeast Asia, China, Russia, and South Africa.

Before becoming a nuclear energy lawyer, Mr. Borovas worked as an engineer for a nuclear power plant engineering firm.



Ms. Charlotte Bruyer

Director, Head of Infrastructure and PPPs MENA at HSBC Bank Middle East

Ms. Charlotte Bruyer joined HSBC's Project & Export Finance team in Dubai in 2005. She has 13 years of experience. Previously working in the Structured Finance Energy division, based in Paris, she was co-leading the worldwide relationships with the Oil Majors. She was involved in all the structured finance transactions related to any subsidiary in any region including Trade Finance and Project and Export Finance, as well as syndication and capital markets.

Charlotte has since been actively engaged in numerous advisory and lead arranging assignments in the Middle East, in various sectors such as petrochemicals or infrastructure and utilities, including the first nuclear project in the Middle East.



Dr. Alex BURKART

Deputy Director, Office of Nuclear Energy, Safety and Security, Bureau of International Security and Nonproliferation, U.S. Department of State

Dr. Alex Burkart has been with the U.S. Government for over 35 years in a variety of positions related to nuclear weapons, nuclear energy, and nuclear nonproliferation. His particular current areas of focus are international nuclear cooperation, proliferation resistance and advanced nuclear technologies.

Dr. Burkart currently serves as Co-Chairman of the Infrastructure Development Working Group of the International Framework on Nuclear Energy Cooperation (IFNEC) and is a member of the IAEA's Technical Working Group on Nuclear Power Infrastructure. He is a member of the American Nuclear Society and has served on the Special Committee on Nuclear Nonproliferation and the International Committee.

Dr. Burkart has a B.S. and a Ph.D. in Nuclear Engineering from North Carolina State University. He is also a Distinguished Graduate of the Industrial College of the Armed Forces. He is a licensed Professional Engineer in the State of Virginia.



Dr. Alexander BYCHKOV

Deputy Director General, Head, Department of Nuclear Energy, International Atomic Energy Agency

Before his appointment, Dr. Alexander Bychkov was Director General of the Research Institute of Atomic Reactors in Dimitrovgrad, Russian Federation. His main areas of activity cover the nuclear fuel cycle subjects including nuclear fuel, fast reactors and high level waste, radionuclide technologies and research reactors applications.

Dr Bychkov is a co-author of more than 150 scientific works. He worked on projects related to the Russian-USA Global Partnership on the disposition of excessive military plutonium and the return and treatment of highly enriched uranium from other countries.

Dr. Bychkov graduated with a degree in chemistry from Moscow State University in 1982 and went on to earn a PhD in 1998.



Mr. Nick CARTER

Director General, Regulation & Supervision Bureau, Abu Dhabi

Mr. Nick Carter is a Fellow of the Institution of Engineering and Technology (previously the IEE) and a member of the UK Engineering Council. Educated at University College London, INSEAD and London Business School, he has spent most of his working life in utility management, having held a number of executive level positions in London Electricity and Southern Electricity of the United Kingdom.

He joined the water and electricity unbundling team for Abu Dhabi in 1998 and in 1999 was appointed Deputy Chairman and Managing Director of Abu Dhabi Distribution Company and Board Member of the local transmission company (TRANSCO).

He joined the Regulation and Supervision Bureau in 2001.



Ms. Maëlia DUFOUR

Head of Department International-Organisation-Expertise Coface State Guarantees Directorate

Ms. Maëlia Dufour has worked in the Coface State Guarantees Department since 1984. She has significant international experience regarding export credit guarantees, interfacing with exporters, banks, and foreign buyers on commercial and financial projects. Ms. Dufour has worked in all the geographic departments of Coface as well as in the Military Affairs Department.

Ms. Dufour was Head of Certification ISO 9001 project for Coface State Guarantees Department and then became Head of Clients requests, Quality and Statistics Department.

In 2006, Ms. Dufour rose to the position of Head of Division of Paris Club Rescheduling Agreements. In 2007, she became Head of Division of Geographic Desks (Africa, Americas, Asia, Europe and Oceania). In 2008, she became Head of Division of Key Accounts (Energy and nuclear power, Telecom, Space, Project Finance, Engineering, Buildings, Public works and Capital goods).

Since 2012, Ms. Dufour serves as Head of the International-Organisation-Expertise Department of the State Guarantees Directorate of Coface handles international matters that includes interfacing with Bern Union, ECAs, bilateral meetings, and the OECD. Ms. Dufour has expertise on new products for banks and exporters and reports on dominant State Guarantees Directorate trends.

Ms. Dufour has represented Coface in several missions in China, Russia, Brazil, and Iran. She participated in several international conferences such as Trade and Project Finance in Moscow, Middle East Project Finance in Manama and Dubai; Export Conference in Cape Town; and Global Annual Export Finance Conference in Berlin. She has participated in the following: a Bern Union workshop on project finance in Amsterdam; the Bern Union General Assembly in Stockholm; the IFNEC Finance Workshop in London; and the Saudi Nuclear Symposium in Riyadh.

Ms. Dufour holds a Master Degree in Economics and International Business from Paris-Sorbonne University, France.



Mr. Ian GRANT

Director, Nuclear Safety Department, UAE Federal Authority for Nuclear Regulation

Mr. Ian Grant has over 38 years of nuclear experience. Previously he worked with the Canadian Nuclear Safety Commission from 1989 to 2009, where he held several senior management positions with responsibility for licensing and safety assessment of the Canadian nuclear power fleet. Earlier in his career he worked with Atomic Energy of Canada Limited, and with Babcock and Wilcox in the UK.

Ian is currently the UAE delegate on the IAEA Nuclear Safety Standards Committee. He has participated on two national delegations to review meetings on the Convention on Nuclear Safety, was a member of peer review missions to the national nuclear regulatory bodies of Japan and Korea, and has helped to conduct self-assessments of regulatory effectiveness in Canada and the UAE.

Ian holds a Bachelor of Science in mechanical engineering from the University of Glasgow, and a Masters degree from Cranfield University in the UK. He is a licensed professional engineer in Ontario and a Fellow of the UK Institution of Mechanical Engineers.



Mr. Daniel GROSVENOR

Partner, Head of Nuclear, Deloitte UK

Mr. Daniel Grosvenor leads the UK firm's work in the nuclear sector and is a partner in Deloitte's Corporate Finance Energy and Resources team. During his career, Mr. Grosvenor has advised Governments, utilities, and the supply chain in the international nuclear industry throughout the nuclear life cycle from nuclear new build to decommissioning and waste management. His work has included feasibility studies, funded decommissioning programs, financing plans, M&A transactions as well as advising the UK Government on the restructuring of the civil nuclear industry.

Mr. Grosvenor's work has involved advising clients in the UK, Middle East, Japan, Poland, Slovakia, China and USA.



Mr. David HABOUBI

Head of Nuclear Business, UAE at Atkins

Mr. David Haboubi is the Head of Nuclear for Atkins in the United Arab Emirates. He has been working in the nuclear industry with Atkins since he graduated as a mechanical engineer in 2000, and has been involved with nuclear decommissioning as well as new build and life extension programmes.

Mr. Haboubi oversees Atkins role as the lenders technical advisor to the UAE nuclear new build programme.



Ms. Claire HARVEY

Senior Solicitor, Prospect Law Ltd

Ms. Claire Harvey joined Prospect Law from the US firm Squire Sanders Hammond. She was formerly head of legal at United Kingdom NIREX Limited (formerly the Nuclear Industry Radioactive Waste Executive).

Ms. Harvey has specialist expertise in domestic and international Nuclear Regulatory Law including the transport and storage of radioactive substances. She has vast experience advising on the regulatory aspects of Nuclear New Build (including the NPS) and nuclear supply contracts, and of advising Tier 1 contractors in Nuclear Decommissioning.

Ms. Harvey also advises on International Law and the application of International Treaties including Nuclear Liability Conventions. She has presented at International Nuclear Lawyers (INLA) Congress, industry and intergovernmental meetings, and is a Member of the International Nuclear Law Association and the Nuclear Institute (Management Committees). Ms. Harvey works with INLA, the Nuclear Industry Association, the World Nuclear Association, Ciria and UKELA.



Mr. Shinichi HAYAFUNE

Senior Manager, Business Strategy and Planning Division, Toshiba

Mr. Shinichi Hayafune is the Senior Manager of Toshiba Corporation's Power Business Development & Promotion Department. He has held this position since July 2012.

Prior to that position, Mr. Shinichi Hayafune was a Group Manager in Toshiba Corporation's Uranium Business Development and Marketing Department. Before joining Toshiba, he was the Vice President and Coordinating Officer for Westinghouse Electric's Nuclear Fuel Cycle & Strategy Division from June 2007- July 2009. He has an additional 20 years of experience in the nuclear power business.

Mr. Hayafune earned a degree in Chemical Engineering from the University of Tokyo.



Mr. Dominic HOLT

Associate Director, Global Infrastructure & Projects Group, KPMG Corporate Finance

Mr. Dominic Holt is a Director in KPMG's Corporate Finance Power and Utilities team and is responsible for leading nuclear power projects.

As a Chartered Civil Engineer (UK), with a complimentary finance qualification from the ACCA, he has over 20 years of experience working on various aspects of major infrastructure projects across a number of sectors in the UK, Asia, and the Middle East.

Since joining KPMG in 2007 Mr. Holt has focused on Power and Utilities projects. He has a global range of public and private sector clients and is involved in a majority of the high profile nuclear projects currently being planned or progressed including those in the UK, Middle East, Africa, and Europe. In particular, he has had significant involvement in the areas of procurement as well as financing and market entry studies. He worked on the Baraka (UAE) project through the procurement phase and has been advising the UK Government extensively over the past two years on various aspects of the proposed Electricity Market Reforms (EMR) as well as assisting on the agreement of a Funded Decommissioning Plan for new build.

Dominic has authored a number of thoughtful leadership publications on constructing and financing nuclear power and is a regular speaker at conferences and seminars both in the UK and abroad.



Dr. John KALISH

Assistant Secretary, Australian Safeguards and Non-Proliferation Office, Department of Foreign Affairs and Trade

Dr. John Kalish has been an academic at The Australian National University, a Senior Principal Research Scientist in the Department of Agriculture, Fisheries and Forestry (DAFF) and Assistant Secretary of the Fisheries and Aquaculture Branch and later International Fisheries Branch in DAFF.

Dr Kalish joined the Department of Foreign Affairs and Trade in 2010 as Assistant Secretary in the Australian Safeguards and Non-Proliferation Office.



Mr. Edward KEE

Vice President, NERA Economic Consulting

Mr. Edward Kee is an expert on nuclear power economics. He provides strategic advice to companies and governments on issues related to nuclear power and electricity. He has testified as an expert witness in US and international disputes.

Prior to joining NERA, Mr. Kee held consulting positions at CRA International, PA Consulting Group, and McKinsey & Company. He was a merchant power plant developer before becoming a consultant.

Mr. Kee started his career as a Naval Officer working on construction and commissioning of the USS Carl Vinson (CVN-70), during this time he earned qualification as chief engineering officer on Nimitz-class nuclear aircraft carriers.

Mr. Kee has published articles on nuclear power and the electricity industry and speaks at industry conferences.



Mr. Michael E. KIRST

Vice President, Strategy and External Relations, Europe, Middle East and Africa, Westinghouse Electric Company

Mr. Michael E. Kirst's prior roles in Westinghouse include Vice President for Central and Eastern Europe; Director, Central and Eastern European Fuel for Westinghouse's European Fuel Business and Director, Government and International Affairs in Washington D.C.

Before joining Westinghouse in 1996, Mr. Kirst was Director of the Economic Committee of the NATO Parliamentary Assembly in Brussels, Belgium. There, he was responsible for advising members of parliament from the NATO member nations and representing the Atlantic Alliance.

Mr. Kirst began his career as a Legislative Aide to Congressman Leon E. Panetta where he was responsible for issues within the jurisdictions of the House Budget, Banking and Energy and Commerce Committees.

He is a member of the Executive Committee and Board of Directors of the US-Ukraine Business Council and a member of the Nuclear New Build Working Group of FORATOM in Brussels.



Mr. Martin KOHLHASE

Vice President – Senior Analyst, Corporate Finance Group

Mr. Martin Kohlhase relocated to Moody's Dubai office in February 2008, where he covers a wide range of credits including the investment holding, telecom, real estate and utility sectors for the Middle East and Turkey.

Prior to joining Moody's in Frankfurt in 2004, where he was lead analyst for a portfolio of European packaging and paper & forest products companies, Mr. Kohlhase worked inter alia for Commerzbank in London and Frankfurt as an equity analyst for companies of the IT services and software sectors.

Mr. Kohlhase has a Masters degree in Economics from the University of Constance in Germany.



Mr. Zbigniew KUBACKI

Director, Nuclear Energy Department, Ministry of Economy of Poland

In 1979, Mr. Zbigniew Kubacki completed university education at the Warsaw School of Economics. In 1984 to 1985, he finished post-graduate management studies at the a/m University.

He actively participated in various specialized courses and professional programs devoted to the problems of energy and international economic relations. The programs were organized by the International Atomic Energy Agency (IAEA), Nuclear Energy Agency (OECD) the World Trade Organization (WTO), German Institute of World Economy (IPO), and the Loyola University.

From 1980 to 1986, Mr. Kubacki worked at the Ministry of Foreign Trade. In 1987 through 1991, he served as a Economic Attaché of the Polish Embassy in Athens, Greece and between 1995 and 2001 he worked as the Head of the Economic and Commercial Division of the Polish Consulate in Chicago (USA), where he was responsible for the development of Polish economic relations with the midwest of the US.

In January 2002 he was promoted to the position of the Director of the Department of International Cooperation at the Ministry of Economy. From 2005 to 2011, Mr. Kubacki served as a Minister Counselor/Head of the Economic and Commercial Section of the Embassy of the Republic of Poland in Washington, supervising inter alia US – Polish cooperation in energy sector.

In July 2011 he was promoted to the position of the Director of the Nuclear Energy Department at the Ministry of Economy. His main responsibility is the development of the Polish Nuclear Power Program.

Mr. Kubacki is an author of several articles and publications on energy and international economic relations. He speaks English fluently. He also knows French and Russian.



Mr. John MATHIESON

Head of International Relations, UK Nuclear Decommissioning Authority (NDA)

Mr. John Mathieson is the Head of International Relations with the UK's Nuclear Decommissioning Authority (NDA) accountable for developing and implementing its international relations strategy. He is responsible for understanding the nuclear power and radioactive waste management policies and programmes in other countries and identifying opportunities for technical co-operation. He is also responsible for managing the relationships with counterpart organizations such as the US-DOE.

Mr. Mathieson is co-chair of the Infrastructure Development Working Group of the International Framework for Nuclear Energy Cooperation (IFNEC). He also works closely with the IAEA and OECD / NEA, participating in a number of expert missions, technical meetings and working groups. Mr. Mathieson is the UK representative on the European Union's Club of Waste Management Agencies.

Mr. Mathieson has also worked with other EU nuclear and radioactive waste management organizations in assisting the governments of many Central and Eastern European countries, as well as Russia and Ukraine. Mr. Mathieson also helped to further develop their financing, decommissioning, and radioactive waste management strategies.

He is a Board Director and Secretary of Waste Management Symposia Inc. which runs the annual Waste Management conference in Phoenix. Before joining the NDA in 2007, Mr. Mathieson worked with Nirex for 17 years in several roles, including business development and international relations. Prior to that he was with CEBG / Nuclear Electric (now EdF Energy) for 14 years as a health physicist, working initially at Dungeness B nuclear power station and then the Health and Safety Department.



Mr. Edward MCGINNIS

Deputy Assistant Secretary, International Nuclear Energy Policy And Cooperation, Office of Nuclear Energy, US Department of Energy

Mr. Edward McGinnis is responsible for the Department of Energy's international civilian nuclear energy activities, including international nuclear energy research, development and demonstration cooperation, international framework and partnership development, international nuclear energy policy, and other international civilian nuclear energy-related activities carried out by the Department of Energy's Office of Nuclear Energy. As part of these responsibilities, Mr. McGinnis serves as Steering Group Chairman of the International Framework for Nuclear Energy Cooperation that consists of more than 60 countries and serves as the Departmental Representative to the US Trade and Promotion Coordination Committee on civil nuclear energy matters. Within the Office of Nuclear Energy, Mr. McGinnis has also served as a Vice Chairman and Principal U.S. Representative to the Generation IV International Forum and was responsible for US domestic nuclear fuel assurance matters, including technical oversight activities regarding the United States Enrichment Corporation, uranium inventory management matters, as well as US nuclear energy security matters.

Prior to working in the Office of Nuclear Energy, Mr. McGinnis led a number of other high priority United States Government initiatives at the Department of Energy, including having served as the senior Director for the office of Global Radiological Threat Reduction. Prior to this, Mr. McGinnis served as senior advisor and special assistant to four Assistant Secretaries and Deputy Administrators for nonproliferation and national security.

Mr. McGinnis holds a master's degree from The American University's School of International Service in Washington, DC, and is a graduate of the Kennedy School's Senior Executive Fellows Program as well as the Program for Senior Executives in National and International Security at Harvard University.



Mr. Mark MULDOWNEY

Head of Energy Advisory Project Finance, BNP Paribas, London

Mr. Mark Muldowney is head of the energy advisory team for BNP Paribas in the UK and responsible for nuclear advisory in EMEA. Current nuclear experience includes advisory work on the strategic and financial aspects of new nuclear generation projects in the UK, Finland and the Czech Republic.

Mr. Muldowney has more than 20 years experience raising financing for large capital projects in the investment banking and energy industry in Europe and Asia. Prior to joining BNP Paribas he worked at Barclays Capital, Entergy and Fortis.

Mr. Muldowney has a degree in History from Magdalen College, Oxford.



Mr. Paul MURPHY

Special Counsel, Milbank, Tweed, Hadley & McCloy LLP

Mr. Paul Murphy's practice focuses on multiple aspects of the nuclear industry – from legal and policy matters, including international regulatory and treaty frameworks and issues regarding nuclear liability, to strategies for creating viable nuclear power programs and the identification and mitigation of associated risks – representing developers/owners, investors, and contractors on nuclear projects internationally.

Mr. Murphy is recognized as an expert in the development and financing of nuclear power programs by the International Atomic Energy Agency (IAEA), the OECD's Nuclear Energy Agency (NEA) and the US government. Mr. Murphy currently serves on the IAEA's Technical Cooperation Program team, which assists member states in developing civilian nuclear power programs. Mr. Murphy has served as a designated expert, chairman, and author at several special meetings and for multiple working groups of the IAEA, primarily involving the development, financing, and structuring of nuclear power projects. He continues to work with the IAEA in a number of key areas, including a current revision of the IAEA's *Handbook on Nuclear Law* and as lead author for a new report to be released in the next few months, entitled, *"Alternative Contracting and Ownership Practices for Nuclear Power Plants"*.

Mr. Murphy currently serves as a two-time appointee to the US Secretary of Commerce's Civilian Nuclear Trade Advisory Committee, and he chaired its Finance subcommittee for the last two years. In addition, Mr. Murphy recently served as the US Government's sole representative on an NEA working group on *"Financing of Nuclear Power Plants"*, acting as chairman for the working group. Mr. Murphy also chaired the IAEA working group that issued, *"Issues to Improve the Prospects of Financing Nuclear Power Projects."* Mr. Murphy has also worked with the Nuclear Energy Institute, the US State Department, the US Mission to the OECD, and the Export-Import Bank of the United States on revisions to the OECD's Guidelines for the financing of nuclear power projects by Export Credit Agencies.

For the last three years, Mr. Murphy served as a faculty member for the *"Training Course on Nuclear Power Infrastructure Programs and Related Projects in Emerging Nuclear States"*, held on behalf of the US State Department and the IAEA at the Argonne National Laboratory and attended by representatives of over 20 foreign governments.



Mr. Gareth PRICE

Global Head of the Projects Group and Co-Head of Energy at Allen & Overy LLP

Gareth heads the Allen & Overy international nuclear projects team and is based in London. Gareth is the firm's foremost expert on matters relating to the civil nuclear industry having advised government on the establishment of nuclear law, developers and funders on the development of new build plants and investors participating in nuclear projects.

Gareth, has over 15 years experience in the energy, nuclear and low carbon sector, is the firm's foremost expert on nuclear related matters. He has advised on numerous high profile and strategically important nuclear matters including advising governments on the establishment of nuclear law, governments and developers on the financing and new build of nuclear generation assets and equity investors into the civil nuclear industry.

Gareth's clients include governments, lenders, developers, utilities, contractors and secondary market purchasers and other major companies involved in the nuclear industry globally including major projects in Lithuania, Finland, Bulgaria, Turkey, United Arab Emirates and United Kingdom.

Gareth has been described as "...*absolutely the most talented and knowledgeable legal adviser in nuclear energy*" (Legal 500 Power (including electricity, nuclear and renewables) 2013). He has also co-authored (with David Lee and Graham Vinter) the new edition of *"Project Finance"*, published in August 2013. This is a major update to the 2005 classic *"Vinter on Project Finance"*



Mr. Aftab RAZA

Head of Network Price Controls, Regulation & Supervision Bureau, Abu Dhabi

Mr. Aftab Raza has 20 years of experience in economic regulation, market design and reforms, project financing and management, economic and financial analysis, and contract negotiation and administration in power, water, wastewater and gas sectors,

Mr. Raza presently works as the head of network price controls for the Regulation & Supervision Bureau - the water, wastewater and electricity regulator for Abu Dhabi, UAE. Mr. Raza presently focuses on price controls, operating and capital efficiency, and performance/output incentives for natural monopolies and tariff, commercial and technical issues relating to IPPs and IWPPs including renewable and nuclear energy projects.

Previously, Mr. Raza worked as the project manager for the Private Power and Infrastructure Board, Government of Pakistan, where he specialized in the formulation and implementation of government power policies, tariff and business analysis, contract negotiation and administration, and project financing for IPPs.

Mr. Raza has also advised the governments, regulators and utilities in South Asia and Africa on regulatory and tariff regimes for private power and gas projects. He has presented and published numerous papers on infrastructure reforms and regulation, including contributions to books, international journals, and best practice manuals.

Mr. Raza has also been a visiting faculty member to two universities in Pakistan for their MBA programs and South Asian utility regulators forum for its annual training program. Mr. Raza holds an MBA (finance) and electrical engineering degrees.



Mr. Xavier ROLLAT

Investment Banking Professional

Mr. Xavier Rollat has been working on export, corporate, acquisition and project finance transactions in the power industry for the last 23 years, acting as lender and financial advisor. He has developed comprehensive experience in arranging and delivering structured debt-financed solutions for Greenfield and Brownfield electricity generation projects, using a myriad of energy sources as primary fuel. During that period, he also arranged long-term debt financing to fund new investments in electricity transmission. His most recent clients include: CGNPC (China), ESKOM (South Africa), EVN (Vietnam), HSE (Slovenia) or PGCIL (India). In the past ten years, Mr. Rollat has also been involved in, or has led, several large and complex advisory mandates for the development of nuclear new-build power generation projects. On the corporate and project sides, he acted, *inter alia*, for: EDF (France), ENEL (Italy), NEK (Bulgaria), SE (Slovakia) and SNN (Romania). On the public sector side, Mr. Rollat advised various governmental agencies, as well as the European Commission.

During his career, Mr. Rollat has worked for different employers in the banking and financial service industry in France, Switzerland and the UK, including various commercial and investment banks, a multilateral agency and a service firm. He also worked for two years for a nuclear engineering company (SGN, part of the AREVA Group). More recently, Mr. Rollat launched a financial advisory and management consulting business, providing independent corporate- and transaction-based senior level advisory services to a variety of clients in the power sector.

Mr. Rollat is recognized as a visiting expert in the development and financing of nuclear power programs by the International Atomic Energy Agency (IAEA) and has been serving for multiple working groups of the IAEA since 2008. Within the European Nuclear Energy Forum (ENEF), he is also a member of the Working Group "Opportunities" established by the European Commission to provide legal and financial guidelines on the financing of nuclear new-build power plants in the European Union.

A native French speaker, Mr. Rollat speaks fluent English, German and has basic command of Russian. He holds a Masters in Management from HEC, France's long-standing leading business school.



Mr. Jacques SACRESTE

Director, Project Development Department, Electricité de France (EDF)

From 1982 to 1994, Mr. Jacques Sacreste has occupied various management positions within the Nuclear Operation Division.

Among other positions he served as Head of Controlling in Cattenom Nuclear Power Plant (4 X 1300 MW) in eastern of France. He has been nominated at Corporate Level in charge of the implementation of the EDF nuclear fleet controlling, benchmarking and performance information system.

From 1994 to 1997 he was assigned to China in the first sino-foreign 3000 MW green field coal power project developed successfully in Shandong province in cooperation with a Chinese partner. Within this international project team he was EDF O&M project manager responsible for the negotiation of O&M, Fuel Supply, and Power Purchase agreements. Back in France and after 2 years in the Finance Division, he was nominated as member of the EDF Nuclear Generation Division Executive Committee in charge of Economy and Controlling. In 2002 and up to 2005 he was General Manager of EC Krakow in Poland (a 1260 MWth / 460MWe cogeneration plant owned by EDF).

Mr. Sacreste is now in the EDF International Development as Director, Projects Development Department, in charge of the development of the EDF international nuclear projects.



Mr. Tom SAMSON

Chief Operating Officer at Emirates Nuclear Energy Corporation (ENEC)

As Chief Operating Officer at ENEC, Mr. Tom Samson is responsible for establishing the Operating Company which will become the Licensed Operator of the UAE's first civilian nuclear units at Barakah in Abu Dhabi. He has over 23 years of experience in a variety of leadership and development roles within the Energy industry. Mr. Samson spent the majority of his career at Marubeni Corporation in their Infrastructure division, including 5 years leading the acquisition, development and subsequent operation of Taweelah B the largest IWPP in Abu Dhabi at that time and 2 years as CEO of the Marubeni TAQA Caribbean Holdings joint venture based in the USA during which time he sat on the Board of 4 operating utility companies across the Caribbean.

Within ENEC, Mr. Samson is the Chairman of the Executive Risk Management Committee and he is leading the organization in their operational readiness activities, including development of the new Operating Model, recruitment of an experienced nuclear leadership team and development of UAE nationals in the Energy Pioneer program to prepare them for a range of Operational roles. Mr. Samson represents ENEC on the WANO Atlanta Governing Board.

Mr. Samson is a Chartered Engineer and a graduate of Napier University in Edinburgh.



Mr. John SCHUSTER

Vice President, Project and Corporate Portfolio Management, United States Export - Import Bank

Mr. John L. Schuster is responsible for the origination of all of Ex-Im Bank's limited recourse project finance business, which consists of a total portfolio of 67 projects with Ex-Im Bank authorizations of more than \$21 billion. In addition, the Structured Finance Division includes all long-term corporate and structured finance transactions – a total of 134 transactions and authorizations of another \$20 billion since 1997. This total loan portfolio of \$41 billion spans a full range of industry and infrastructure sectors: renewable energy, power, petrochemical, refining, LNG, oil/gas E&P, pipelines, mining, satellite, and other telecommunications.

Mr. Schuster has been with Ex-Im Bank's Structured Finance Division since 1998, holding the position of Director from 2001 to 2010, and has managed, directed, and supported 60 separate major transactions approved by Ex-Im Bank's Board of Directors for \$9 billion in export finance, including 13 Deals of the Year.



Dr. Yury SOKOLOV

Vice President- Director of the Department, JSC Rusatom Overseas

A graduate of Moscow University, Dr. Yury Sokolov began his scientific career in 1971 at the Kurchatov Institute in Moscow, where he became a Candidate of Science and Doctor of Science in 1980 and 1996, respectively.

He has worked in the fields of plasma physics and fusion, engineering design of fusion facilities and thermonuclear reactors. Since 1988 he has been active in the International Thermonuclear Experimental Reactor (ITER), firstly, as a member of the ITER Managing Committee, leading the Russian team of physicists and engineers, and, later, as the Russian representative on many ITER-related inter-governmental boards, which supervised and promoted the work of ITER.

In 1996, Dr. Sokolov was appointed Head of the Department of Science and Technology at the Ministry of the Russian Federation for Atomic Energy. In this post, as well as fundamental nuclear science, he was also responsible for nuclear power strategy development in the Russian Federation and for innovation across the full spectrum of fuel cycle and waste management technologies. He has initiated several nuclear knowledge preservation activities in the Russian Federation, some of which are linked to Agency activities in this area.

Dr. Sokolov has served as a member of the Scientific and Technical Council of Minatom in the Russian Federation and on various national and international committees for science and technology, on the editorial boards of scientific journals, on bilateral committees for scientific cooperation, etc.

In October 2003, Dr. Sokolov joined the International Atomic Energy Agency in Vienna as Deputy Director General, Head of the Department of Nuclear Energy. He is current the Vice President – Director of the Department of JSC Rusatom Overseas.



Undersecretary Hanna TROJANOWSKA

Government Commissioner for Nuclear Energy, Undersecretary of State, Government of Poland

On 15 May 2009, the Prime Minister of Poland appointed Hanna Trojanowska for the position of the Government Commissioner for Nuclear Energy. She will perform her duties as undersecretary of state at the Ministry of Economy. She graduated from the Electrical Engineering Department, Czech Technical University in Prague (ČVUT), specializing in nuclear energy. She also completed a training project at the Institute of Atomic Energy in Świerk.

In 1990 to 1991 Ms. Trojanowska was fellow researcher of the International Atomic Energy Agency at the UK Nuclear Electric, Nuclear Safety Division in Bristol and Knutsford, United Kingdom. She also completed a training course "Company Strategic Management" at the Cologne University of Applied Sciences, and the One-year Postgraduate Management Programme at the Warsaw School of Economics.

In 1982 to 1991, Undersecretary Trojanowska worked as an assistant designer and designer at "Energoprojekt" Bureau for Energy Studies and Projects, branches in Warsaw, Gdańsk. Between 1991 and 1997 she was the main expert for the installations for flue gas desulphurization at the Air Protection Foundation in Warsaw. Since 1997 she worked at Polskie Sieci Elektroenergetyczne S.A. (since 2007 PGE Polska Grupa Energetyczna S.A.), where she held senior positions, including Director of the International Cooperation Department, Director of the International Affairs and New Technologies Department, Director of the R&D Department, and most recently the Director of the Atomic Energy Department.

The Undersecretary is a member of many professional organizations, such as the Polish Nuclear Society (member of the Executive Board), the Council for Atomic Energy Matters, Polish Member Committee of the World Energy Council, the Polish Electricity Association, as well as the Council of the Institute of Nuclear Chemistry and Technology in Warsaw. She is fluent in English and Czech.