Triple Helix Sustainability Forum

21st Monday 2016
Panel, Debate and Plenary

**Triple Helix Sustainability Forum**

9.00 to 14.00
BUiD Campus Auditorium

8:30am – 9:00pm
Registration

9:00am – 9:15am
Introduction and Welcome – BUiD Vice Chancellor

9:15am – 10:30am
*Panel One: Context of Sustainability in the UAE*
  - Problem and policy context
  - Strategy and engagement contexts
  - Research contexts

**Speakers**
- Sheikh Majid Sultan Al Qassimi, Director of the Ministry’s animal health and development, Ministry of Climate Change and Environment.
- Mr. Nasser Al Shaiba, Director, HSEQ & Climate Change.

**Respondents**
- Ms. Terri Harrington, Head of the Portfolio Insight Team, Infrastructure and Projects Authority, Her Majesty’s Treasury and Cabinet Office, UK
- Graham Outterside, Country Director, Rolls-Royce International.

**Moderator, Professor Abdullah Alshamsi, Vice Chancellor, The British University in Dubai.**

10:30am – 11:00am
Coffee Break

11:00am – 12:00pm
*Panel Two: The Triple Helix and Sustainability*
  - Implementation Contexts
  - Operational contexts
  - International contexts

**Speakers**
- Dr Matthew Anderson, Director, UNICORN Applied Research Collaboration, Edinburgh UK.
- Abdul Rahim Sultan, Director of Government Activities, Etihad ESCO.
- Mrs. Habiba Al Marashi, Chairperson, Emirates Environmental Group.

**Respondents**
Moderator, Professor Andy Gale, University of Manchester

12:00pm – 12:15pm
Coffee Break

12:15pm – 1:15pm
*Panel Three: The Research Agenda*

**Speakers**
- Professor Philip Jones, Cardiff University, Welsh School of Architecture, Low Carbon Research Institute, Cardiff University, UK.
- Professor Trevor Hoey, University of Glasgow.
- Professor Björn Kjerfve, Chancellor, American University of Sharjah.

**Respondents**
- Rania Haddad, Business Development Manager, Caparol Paints.

**Moderator, Professor Bassam Abu-Hijleh, Dean of Faculty of Engineering & IT, British University in Dubai.**

1:15pm – 1:30pm
Conclusion and Closing Remarks Followed by Lunch
His Excellency Dr. Thani Ahmed Al Zeyoudi was appointed as the Minister of Climate Change and Environment for the United Arab Emirates in February 2016. H.E. Dr. Al Zeyoudi is also the UAE Permanent Representative to the International Renewable Energy Agency (IRENA), and was the Director of the Department of Energy and Climate Change (DECC) within the Ministry of Foreign Affairs.

H.E. Dr. Al Zeyoudi first began his career as a reservoir engineer at the Abu Dhabi Marine Oil Company and then moved to Masdar, where we worked on advancing renewable energy technologies and solutions. H.E. Dr. Al Zeyoudi played a major role in the UAE’s successful campaign in 2009 in host IRENA, the first international organization dedicated to renewable energy.

In 2015, Dr. Al Zeyoudi was awarded the first Gulf Cooperation Council Prize for Excellence in recognition of his pioneering efforts in renewable energy. He is a member of several committees, including the Emirates Green Development Council, as well as Audit and Selection Committees of Zayed Future Energy Prize.

H. E. Dr. Al Zeyoudi holds a Bachelor’s degree in Petroleum Engineering from the Tulsa University, an MBA from the New York Institute of Technology, MSc in Project Management from the British University in Dubai, and a PhD in Strategy, Programme & Project Management from SKEMA Business School in France, for which he received the Sheikh Rashid Award for Scientific Excellence for holders of doctorate degrees.
Ahmad Buti Al Muhairbi is the Secretary General of the Dubai Supreme Council of Energy (DCSE). Al Muhairbi holds a BSc in Petroleum Engineering from the University of Texas. Prior to joining DCSE, he spent some 25 years in the oil and gas industry, working for ADNOC, ARCO Dubai, Margham Dubai Establishment, and Dubai Supply Authority. He is a Board Member of Dragon Oil Plc, and holds the Vice-Chairmanship of Dubai Regulatory & Supervisory Bureau for Electricity & Water.

Majid Al Qassimi qualified as a doctor of veterinary medicine at Saint Istvan University in Budapest, Hungary. He started his work as a veterinarian in the zoo and conservation field, moving into an administration role to manage Biodiversity for Abu Dhabi at the Environment Agency of Abu Dhabi as a Director. He now heads the department of animal health and development at the Ministry of Climate Change and Environment. With his diverse background he is now in charge of developing the UAE's Federal Food Security Strategy for the Ministry. He has a keen interest in engaging the youth to further career choices in STEM subjects, as he believes knowledge and transparency are vital foundations to solve our current environmental and sustainability problems.
As Chancellor of American University of Sharjah, Dr. Björn Kjerfve provides leadership for the university in his role as Chief Executive Officer, responsible for implementing the university's overall mission and strategy in accordance with the decisions of the Board of Trustees. While promoting educational excellence, general development and welfare of the institution, he ensures that AUS is fully engaged with both the local and international communities. He leads the effort to develop and sustain long-term research and explore the development of a Research Technology and Innovation park.

As Chancellor, he represents AUS on a national, regional and international level and is responsible for building and maintaining a network of relationships with individuals and entities from public and private sectors.

Prof. Trevor Hoey is the Dean, University of Glasgow Singapore. He graduated from the University of Cambridge, and then studied for his PhD at the University of Canterbury (New Zealand). After working as a researcher New Zealand and then in Sheffield, he came to the University of Glasgow in 1992 as Lecturer in Geography. He was appointed as Professor of Numerical Geoscience in 2003, and was head of the newly created Department (later School) of Geographical and Earth Sciences from 2005 to 2011. From 2011-5 he was the Director of the Scottish Alliance for Geosciences, Environment and Society (SAGES), and the College of Science and Engineering Internationalisation lead. His research interests lie in river hydraulics and sediment transport, focused on numerical simulation of transport processes. Recent work has included new theories of the movement of isolated grains in bedrock channels, and the impact of future climate change on river sedimentation.
Habiba Al Marashi is the co-founder and Chairperson of Emirates Environmental Group, a pioneering organization based in Dubai in the United Arab Emirates. She played a key role in the growth of the EEG, which is the only active, multi-sectoral organization in the UAE that has successfully brought the government, private sector and community under the same banner. Under Mrs. Al Marashi’s guidance, EEG became the first environmental NGO in the world to receive an ISO 14001 certification in 2001. EEG is also the only organization of its kind in the GCC, with accreditation with two highly esteemed UN bodies, namely the United Nations Convention to Combating Desertification (UNCCD) and the United Nations Environmental Program’s (UNEP) Governing Council. EEG is a member of the International Union for Conservation of Nature (IUCN) since 2008. These accreditations ensure the Group’s involvement and participation in international environmental discussions, programs and campaigns. Through her leadership, she initiated the first corporate social responsibility (CSR) network in the country in 2004 with local and multinational companies. After having been hosted by the EEG since its inception in 2004, the CSR Network has outgrown its position within the EEG and is an independent entity. Apart from this she is one of the founders of the Emirates Green Building Council (EmiratesGBC). She is also a board member of the UN Global Compact since 2006 and President of the UN Global Compact Local Network for the GCC States.

“Mrs Terri Harrington heads the Portfolio Insight Team in the Infrastructure and Projects Authority (HM Treasury and Cabinet Office). Terri and her team provide analysis, insight and ‘on-demand’ intelligence to senior civil servants and Ministers on the performance of the Government’s Major Project Portfolio (GMPP); the GMPP accounts for approx. £480n whole-life cost and comprises of governments most strategically important projects such as defence acquisition, infrastructure and transformation. She is a senior civil servant with significant programme and project management experience in government, notably in Her Majesty’s Revenue and Customs as IT Infrastructure Portfolio Director and earlier, as Director of the Data Security Programme. Terri was Her Majesty’s Inspector of Taxes (Civil and Criminal Fraud) between 1987-2003. She is a graduate of The University of Warwick and The University of Oxford Major Project Leadership Academy. She is currently visiting Professor of Project Management at The University of Manchester.
Prof. Philip Jones is the Chairman of the Board of Directors of Warm Wales, a community interest company formed to install energy efficiency measures to existing fuel poor housing in Wales and which so far has delivered over a £50 million program of work since 2006. I have considerable experience of consulting, specialising in building energy and environment design. I have provided environmental consultancy for 50 to 100 buildings, many carried out in collaboration with Kopitsis Bauphysik in Switzerland. Examples of projects include, building physics for the EMPA zero energy office in Switzerland (2006), energy analysis of the Pearl Island development in Qatar (2007), building physics for the Atkins designed Lighthouse low energy tower in Dubai (2008), low carbon urban master-planning, with Hyder (Hong Kong), for the proposed Gateway City in Ras Al Khaimah (2010), environmental analysis of the extension to the Kunsthaus Museum in Zurich (2011), analysis of chilled surface cooling for the Parkview Green mall-office-hotel complex in Beijing (2011,) and expert opinion for the Brickell 'Climate Ribbon’ Mall in Miami (2012). The Dubai Lighthouse project was awarded the Cardiff University innovation award (2008). I was appointed (2007) to deliver a series of sustainability awareness raising events to Atkins senior management in UAE, China and UK. In partnership with Neath Port Talbot District Borough Council we were awarded an RIBA regional design award for the Gateway low energy factory development at the Baglan Energy Park, Port Talbot.

Dr. Matthew Anderson is currently senior adjunct academic in leadership and change at various institutions. He teaches on the MBA Oil and Gas and Energy Management programs at Aberdeen Business School. As well as being a former British Army officer, he has held Business Development Director and Performance Director positions in international energy companies. He is a director of various companies in the UK and Middle-East in the executive education and management consulting space. He has been a special advisor to the Scottish Government on future strategies and a former board member of the Stronger In (EU campaign).
Mr. Outterside’s career started in GEC and Marconi where he led the start of several international service businesses winning large capital infrastructure projects in the UK, Hong Kong and China. He joined the UK Defence Research Agency in 2003 as it was formed into QinetiQ, to lead its change from a public sector body to a competitive commercial organisation resulting in significant growth and a competitive business winning culture. Mr. Outterside joined Rolls-Royce in 2016 from Atkins Global in Dubai where he was the Managing Director of the Defence, Security & Communications business.

Saeed Alabbar is a Director at AESG, a firm specialising in the provision of energy and sustainability consultancy in the Middle East. He holds a First Class Masters degree with honours in Mechanical Engineering from the University of Bath and is a Certified Energy Manager, LEED Accredited Professional and Estidama Pearl Qualified Professional. Saeed is also a qualified Certified Energy Manager Trainer and in 2013 was inducted as a Legend in Energy under the Association of Energy Engineers.

As well as his professional role as Director of AESG, Saeed is the current Chairman of the Emirates Green Building Council and sits on the Board of Directors of the World Green Building Council. In this role, Saeed actively works in promoting the advancement of sustainable building in the UAE and globally by working with industry, academia and government departments to develop collaborative solutions to some of the regions greatest challenges. Saeed also serves on the Advisory Board for the Rochester Institute of Technology’s Mechanical Engineering Program.
Ibrahim joined Majid Al Futtaim Properties in 2011 as the head of Sustainability for Majid Al Futtaim Properties. He brings with him over sixteen years of experience in Sustainability and Corporate Social Responsibility. Ibrahim oversees the Sustainability strategy of Majid Al Futtaim Properties and is in charge of raising the company’s Sustainability Profile in the Middle East. Selected as one of the Top 100 Thought Leaders in Europe and the Middle East in 2011 by Center for Sustainability and Excellence in the US, he has taken environmental and CSR initiatives to another level in the Middle East and internationally through awareness campaigns for environmental issues, climate change and education programmes, as well as private sector engagement. Ibrahim is an official ambassador and education representative for the Honourable Al Gore Climate Project initiative. He is also the West Asia Coordinator of the United Nations Environment Programme (UNEP) UNESCO Youth Xchange Project. As an avid diver, Ibrahim’s passion led him to help establish the environment and research department at the Emirates Diving Association (EDA), a UNEP accredited NGO, where he currently acts as Environmental Advisor and Executive Director. A driving force behind the NGO, Ibrahim also acts as director of EDA’s quarterly diving magazine ”Divers for the Environment”, the first diving magazine in the Middle East. He as well serves as the Secretary General of Dubai Community Theater & Arts Centre in Mall of the Emirates.

Rania is a civil engineer with more than 10 years of experience obtained mostly in the design management and coordination arena, out of which, her last three years were invested in project management, business development and bidding overview. Rania is also a certified LEED Green Associate, a certificate that enabled her to contribute in the energy management and green buildings sector as well.

Rania is also a PMP certified professional with a proven track record of leading and managing project teams with multi-disciplinary projects working with international renowned organizations. In her work tenure, Rania was able to coordinate and deliver engineering efforts amounting to one Billion USD of capital works.

Rania is currently holding the position of Business Development Manager at Caparol Paints. Her work includes products testing and certification management. Developing and maintaining strong ties with internal and external stakeholders such as government, consultants, academia and industry. Managing Caparol’s projects for ETICS (External Thermal Insulation Composite System) and supporting Caparol’s research and development projects in the field of sustainability and energy efficiency.
Abdullah Mohammed Alshamsi was appointed as the Vice Chancellor of The British University in Dubai (BUiD) in February 2007. Under his leadership, BUiD has expanded its offering of postgraduate and doctoral programmes, recruited specialized faculty staff and experienced increased enrollments.

In 1980 Alshamsi graduated from Eckerd College, St Petersburg, USA with a Bachelor of Science (Mathematics), followed by a Bachelor of Civil Engineering in 1983 both from Georgia Institute of Technology, Atlanta. Alshamsi went on to complete his PhD at Leeds University (UK) in the area of Concrete Properties in Hot Climates in 1988. In 1989 Alshamsi joined UAE University College of Engineering as an assistant Professor where he was promoted to the ranks of Associate Professor and finally full Professor of Civil Engineering in 2002.

Dr. Rachel initial research in student involvement in decision making processes of universities led to a broader engagement with government higher education policy and its impact on university organisation and management. She has worked at several Russell Group universities in the UK, at the UAE University, and most recently as Director of Academic Affairs at Yale-NUS College in Singapore. Her most recent research examines how national contexts for higher education policy, and institutional organisation and management are influenced by internationally contextualised concerns over competition, reputation, resource, and economic development. Topics have included quality assurance and accreditation, how little is known about academic migration, and the relative influence of home and host national settings on the organisation and management of university branch campuses.
Prof. Andrew Gale undertakes postgraduate professional development, consultancy and research on people, organisations and culture aspects of project management and nuclear sector professional development. Graduate of Brunel University and the University of Bath. He spent 13 years in industry, in the UK and Middle East, prior to beginning an academic career in 1985. Chartered Civil Engineer with significant experience in collaborating with industry, including collaborations with Russian, Singaporean, Hong Kong, USA, Brazilian and UAE higher education institutions in the development of masters education for engineers and project managers. He has undertaken consultancy work for, amongst others: GSK, Rolls-Royce, Sellafield Limited and Arup. Currently, Co-Vice-Chair of the Global Accreditation Center - Project Management Institute in the United States. Visiting Professor to the School of Engineering and Built Environment, Glasgow Caledonian University. External Examiner at Lancaster University.

Prof. Bassam Abu-Hijleh is currently assigned as the Dean of Faculty of Engineering & IT as well as the Atkins Chair of the MSc and PhD Sustainable programmes at the British University in Dubai (BUiD). He holds a PhD in Mechanical Engineering from the Ohio State University-USA. With 25 years’ post-PhD experience in energy related academia and research Prof. Abu-Hijleh have a strong technical background in Energy related topics with special focus on Renewable Energy and Energy Management & Conservation. His current research interests focuses on Experimental and simulation study of solar energy, Renewable/alternative energy sources, advanced energy production practices and Energy conservation & management. He published more than 100 papers in international journals and conferences. He is LEED AP and CEM professional and is currently assigned as the Assistant Director for Int. Membership Development Middle East for the Association of Energy Engineers (AEE).