

TENTATIVE ARRANGEMENT

Meeting Climate Change challenges, using Renewable Energy to achieve Net Zero



World Renewable Energy Congress– 23
(05 – 09) February, 2024



WREN

Crowne Plaza, Manama, Kingdom of Bahrain



Mission Statement

Renewable **energy** is the main solution to have clean energy reducing the climate change effect and global warming .It is a reality and not pretended, it is low cost and it does not depend on some countries to supply, providing jobs for 8 million people globally and triggering annual investment of \$500 billion world-wide. **Renewables** can drastically reduce dependence on energy imports and provide rapidly increasing contributions to urgently needed electricity demand globally. Renewables are the cornerstone and foundation of a truly **sustainable energy future**. Our mission during the last 32 years is to promote enabling policies and to further develop a broad range of renewable energy technologies and applications in all sectors – for heating and cooling, agricultural applications, water desalination, industrial applications and for the transport sectors leading to A BETTER, CLEANER AND SAFER WORLD. World Renewable Energy Network – WREN, operated in more than 70 countries during the last 32 years and some of those countries achieve 50% in their electricity supply comes from **renewable energy sources**. WREN will keep working and running Congresses until all countries achieves 100% electricity supply from **Renewables**.

Topics include

1. Photovoltaic Technology
2. Solar Thermal & Geothermal Applications
3. Sustainable & Low Energy Architecture
4. Biomass & Waste-to-energy
5. Policy, Finance, Education & Sustainability
6. Energy Meteorology
7. Wind & Hybrid Energy
8. Water, Hydropower & Ocean Energy
9. Hydrogen, Fuel Cells, Transport
10. Renewable Scheme and System Integration



Abstract: Abstract should not be more than one page A4, 300-500 words only, with single spacing using Arial font -12. It should contain title, author/s names, full address, email & 6 keywords. Please specify one of the above Congress topics.

Paper: Single column, single spacing, with tables, figures and photographs within the text. Use number for references. Leave double spacing after each heading or sub-heading. The paper should not exceed 8-pages.

For further inquiry please contact: **Professor Ali Sayigh, Congress Chairman, and Chairman of the Technical Committee:** Flat 3, 5-6, Clarendon Terrace, Brighton BN2 1FD, UK
Tel: 00 44 (0)1273 625 643, Email: asayigh@wrenuk.co.uk, Website: www.wrenuk.co.uk

All papers will be peer reviewed and published in the Proceedings after the Congress to be purchased. Also 30 papers will be selected and published in Journal of Renewable Energy and Environmental Sustainability (REES) – open access journal.

Dates to Remember - Abstract: Deadline October 25, 2023. Acceptance: November 15, 2023

Full Paper: Deadline from December 20, 2023 until February 8, 2024

Abstract & Papers will not appear in the program & proceedings without pre-registration at the Congress

Early-bird Registration: until December , 2023



World Renewable Energy Congress and Network – WREC, WREN Thirtieth Anniversary- 2020

Thirty years - Towards cleaner environment. The World Renewable Energy Congress (WREC) and Network (WREN) is a non-profit company set up in 1990 to help foster transfer of renewable energy technology from developed countries to developing countries. For more than 10- years their Honorary President was The Deputy Director General of UNESCO, Prof Dr Adnan Badran. WREC is a British Company which organizes conferences and seminars, publishes books, journals and magazines around the world in the field of Renewable Energy. More than 45 countries have hosted the Congress, among them: UK, Germany, Italy, USA, UAE, Portugal, Bahrain, Australia, Romania, and Sweden. The Congress participants have been from more than 90 countries. Regional conferences have been held in: Italy, Canada, Colombia, Algeria, Kuwait, Bahrain, Malaysia, Zambia, Malawi, India, West Indies, Tunisia, Indonesia, Libya, Taiwan, UAE, Oman, Czech Republic, Germany, Australia, Poland, Netherlands, Thailand, South Korea, Iran, Syria, Saudi Arabia, Singapore, Morocco, Sweden, France, USA, China and UK Among its eminent speakers have been H H Olafur Ragnar Grimsson, President of Iceland, Dr Romano Prodi, Prime Minister of Italy, Rt Hon Dr Stephen Timms MP, Rt Hon John Redwood MP, Rt Hon John Gummer MP, Sir Norman Foster, the Hon Sir Jonathon Porritt, Crown Prince Faisal of Jordan, H E Dr Abdulaziz Bin Othman Altwaijri – Director General of ISESCO, he is now WREN Honorary Chairman, Rt Hon US Secretary of Energy Hazel R. O'Leary and US Secretary of Energy and Nobel Prize Laureate, Prof Steven Chu, Mrs Monika Gandhi, Minister of Environment, India, Admiral Truly, Dr Charly Gay and Dan Arvisu Directors General of NREL, USA, First Minister of Scotland Rt Hon Alex Salmond, President of Iceland Olafur Ragnar Grimsson and H R H Princess Victoria of Sweden. WREN worked with UN, UNESCO, WEC, UNIDO, UNEP, WMO, WHO, ESCWA, ISES, SER, EU, Common Wealth Science Council, and WB The Chairman of WREC is Professor Ali Sayigh, B Sc. AWP, DIC, PhD, FIE, FIEE, C Eng. Chairman IEI, UK member of WEC, and FRSA. The first Congress was held in Reading, UK in 1990 and it has been held every second year since then. In 2012 it was held in Denver where more than 3000 participants were present. WREN Created “Ali Sayigh Trophy” to be given to the best country promoting renewable energy every two years. So far received by: Cyprus, Brazil, Italy, USA, Germany, France, Denmark, China and Morocco. The 2020 Congress was held in: Department of Civil Engineering and Architecture, Instituto Superior Técnico – Lisbon, Portugal. Next Congress is going to be in Perth, Austria, WREC-21, 4-9 December 2022.

KINGDOM UNIVERSITY – Kingdom of Bahrain

Kingdom University (KU) is a private university offering high-quality education and training, dedicated to providing academic excellence, relevant and measurable quality research and active community engagement and continuous education



Organizing Committee

- 1- Prof Nader Al-Bastaki - Bahrain
- 2- Prof Saad Darwish - Bahrain

To Contact US

Kingdom University
P.O. Box 40434
Kingdom of Bahrain
Tel: 973 13300001
Fax: 973 13300003

Congress Chairman



Prof Ali Sayigh
BSc, DIC, PhD, FIE, FIEE,
CEng, MWECC, FRSA
Chairman of WREC &
Director
General WREN, Chairman
of
Med Green Forum - 6
Flat 3, 5-6, Clarendon
Terrace,
Brighton BN2 1FD, UK
Tel: 44-1273-625-643
M: 44-7973316934

Email: asayigh@wrenuk.co.uk

Website: www.wrenuk.co.uk

Congress Host Chairman



Prof. Nader Al-Bastaki
Professor
Acting President of the
University, and
Vice President for
Academic Affairs and
Scientific Research

Email: nalbastaki@ku.edu.bh

Technical Committee

- | | |
|-------------------------------|------------|
| 1- Prof Ali Sayigh | - UK |
| 2- Dr Fuad Al Ansari | -Bahrain |
| 3- Dr Shaker Haji | - Bahrain |
| 4- Prof Donald Swift-Hook, | - UK |
| 5- Prof Mohsen Abounaga, | - Egypt |
| 6- Mr Rainer Hinrichs-Rahlwes | - Germany |
| 7- Prof Rachel Armstrong, | - Belgium |
| 8- Prof Hussein A Kazem | - Oman |
| 9- Prof Riad Al-Dabbagh | - UAE |
| 10- Dr Marta Szabo | - Hungary |
| 11- Prof Manuel Guedes | - Portugal |
| 12- Prof Hassan Nfau | - Morocco |

Among the Invited Speakers



Prof Lawrence Kazmerski
USA



Prof Hewitt
North Ireland



Prof Hoffmann
Germany



Prof Despina Serghides
Cyprus



Prof Kamaruzzaman Sopian
Malaysia



Dr David Renne
USA



Dr Lehmann
Germany



Prof Martin Anda
Australia