

INTRODUCTION AND SUMMARY

The initial Congress registration was 260 participants and later reached over 300 participants from 42 countries. There were 151 – submitted abstracts down loaded into USB and handed out with the Congress package to each participants.

In the morning session: Three presentations were given: The first one was by Dr Naji Al-Mutairi, Deputy Director General of KISR: **Shagaya Renewable Energy Initiative – Kuwait.**

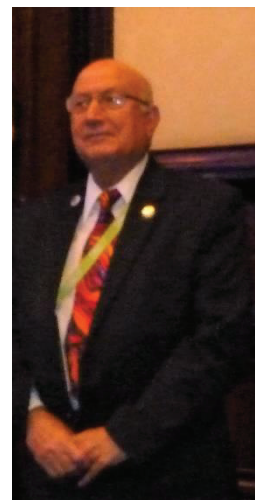
Then Dr Abdul Sattar Al-Taie, Executive Director, Qatar National Research Fund: **Empowering Research on Energy Security, Sustainability and Clean Environment in Qatar.** The third presentation was by Prof Ali Sayigh, Chairman of WREC and DG of WREN: **Renewable Energy Progress – Can the GCC be an Exporter of Electricity from Renewables?** The chairmen of the main plenary were Dr Waheeb Al-Naser – Vice President of Bahrain University and Dr Fuad Al-Ansari, Dean of College of Engineering, University of Bahrain



Dr Al-Mutairi – Kuwait



Dr Al-Taie – Qatar

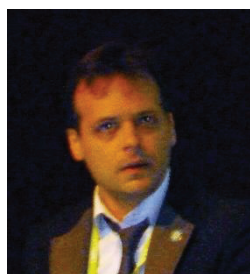


Prof Sayigh - UK

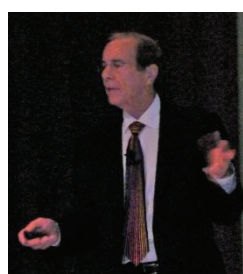
This was followed by two parallel plenary sessions with eight speakers, among them were: Mr Rainer Hinrichs-Rahlwes – Germany, Dr Haris Doukas – Greece, Dr Lawrence Kazmerski – USA, and Mr Winfried Hoffmann – Germany. Titles of their talk are in the programme.



Mr Hoffmann



Dr Doukas

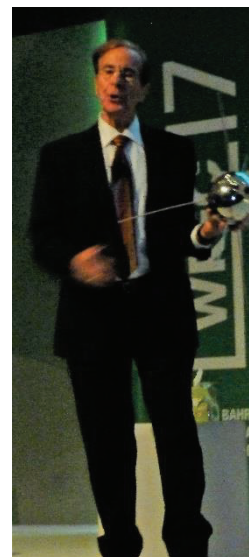


Dr Kazmerski



Mr Hinrichs-Rahlwes

In the afternoon three sessions ran in parallel. Some of the speakers are featured below.



On the right hand side Dr Kazmerski presentation on: **Photovoltaic Technology: Where we are, how we got here, and where we are going?**

The Congress Official Opening

On Sunday 4 December at 18:00 hr. His Excellency Prof Dr Riyad Yousif Hamzah – The President of Bahrain University, H E Dr Abdulhussain Bin Ali Mirza, Minister of Electricity and Water Affairs, The Patron of the Congress arrived to Hotel Crowne Plaza Conference Centre. After that H E Sheikh Mohamad bin Khalifa bin Ahmed Al Khalifa, Minister of Oil and Gas arrived to the Congress Venue. The guests and participants assembled at the main theatre where the opening of **World Renewable Energy Congress – 17**, took place. After the reading from the Holy Quran and the Bahrain National Anthem, Prof Dr Riyad welcome the two ministers and guests and expressed his delight that the WREC-17 is taking place in Bahrain. He stressed the importance of renewable energy to Bahrain and rest of the GCC countries and added that more than 40 papers from staff of the University of Bahrain were submitted to the Congress.



H E Prof Riyad Hamzah



H E Dr Abdulhussain Mirza



Prof Ali Sayigh



The next to speak was H E Dr Mirza who expressed the aim was for The Kingdom of Bahrain to lay the foundation for the use of Renewable Energy and his ministry will legislate the use of renewable energy and abide by the UN Convention of Climate Change. The last speaker was Prof Ali Sayigh who thanked the University of Bahrain, President, Dean of College of Engineering and H E Dr Mirza for being the Patron of the Congress. He also thanked the people of Bahrain and the Government of Bahrain for the welcome and hospitality shown to all the participants. Prof Sayigh expressed his specific thanks and appreciation to ISESCO, KFAS and KISR and all of the Sponsors for their support.



H E Dr Abdulhussain Mirza, Ms Gada Fouad, H E Sheikh Mohamed Al-Khalifa, Prof Ali Sayigh and Dr Erwin Susanto Sadirsan.

At the Closing Session Dr Fuad Al-Ansari Read the Congress Recommendations:

During the last four days there were 42 countries present at the Congress and more than 250 participants presented 150 contributions in various fields of

renewable energy including energy efficiency and energy conservation in buildings. The participants are recommending the following:

- 1- To speed up the legislation of using renewable energy in Bahrain
- 2- To encourage the public and officials to work together to improve energy conservation, increase energy efficiency through cultural awareness, smart design and the effective retrofitting of buildings.
- 3- To set up a Renewable Energy Electricity Target of at least 20% by the year 2030 in order to catch up with many other countries in the region. Also power purchase agreements of renewable Energy electricity can facilitate speedy and cost effective installations at around 10 Fils/kWh.
- 4- Request the University of Bahrain to initiate at least one renewable energy event each year.
- 5- The Kingdom of Bahrain should focus on Green Economy by encouraging investment, capacity building and by initiating appropriate legislation to achieve those goals.
- 6- A truly sustainable future for the Kingdom can be achieved quickly by integrating the massive use of renewable energy systems, energy efficiency and also by understanding the essential need for change.

H.E.Dr. Abdulhussain Bin Ali Mirza
Minister of Electricity & Water Affairs

Prof. Riyad Yousif Hamzah
President of University of Bahrain

Dr Fuad Al-Ansari - **Chair of Organizing Committee**
Dr. Mohab Mangoud - **Registration Chair**
Dr. Fay Al Khalifa - **Operation Chair/ Events Planning & Design**
Ms. Ebtisam Bin Butti- **Publicity**
Ms. Nada Mahmoud - **Events Planning & Design**
Mrs. Reema Albaker - **PR / Events Planning**
Mr. Bassem Elmeligy - **Media Designer**

Prof. Ali Sayigh, UK – **Executive Chairman & Chairman of the Technical Committee**
Prof. Waheeb Al-Naser, Bahrain - **Member**
Mr. Rainer Hinrichs - Rahlwes, Germany - **Member**
Dr. Larry Kazmerski, USA - **Member**
Prof. Don Swift-Hook, UK - **Member**
Prof. Robert Critoph, UK - **Member**
Dr. Jazaer Dawody, Sweden- **Member**
Prof. Nader Al-Bastaki, Bahrain - **Member**
Prof. Riadh Al-Dabbagh, UAE- **Member**
Dr. Shaker Haji, Bahrain- **Member**



Members of WREN COUNCIL At WREC-17



EU – Workshop organized by Dr Haris Doukas, Dr Mustapha Taoumi

