

FINAL REPORT

ISESCO – WREN International Seminar in Britain – 100, Old Ship Hotel – Brighton – UK, 1-6 July 2019

Participants started to arrive from Saturday 29 June while the majority arrived on Sunday 30 June 2019. The participants represented 18, mostly from Muslim, countries, see table 1. Upon arrival, they received their registration bags which contained, the programme, list of participants, their name tag, and several brochures for future WREN activities.

Among the list numbers 1 and number 18 were not able to join us due to British Visa problems.

MONDAY PROGRAMME

On Monday morning, 1 July Prof. Ali Sayigh welcomed the participants and thanked specifically ISESCO for their support and cooperation. He also regretted that Dr Hussein Kazem and Arch Ms Marah Al Abdallate could not get their visa in time to join us. Figure 1 is a session picture.



Figure 1.

Prof Sayigh then introduced the first speaker: Dr Antonella Trombadore from Florence University – Italy who gave her presentation on:

The use of greenery in sustainable buildings



This was followed by Prof Riadh Al-Dabbagh who did talked on:

Why the United Arab Emirates need Green Buildings



The third lecture was given by Dr Jazla Fadda on:

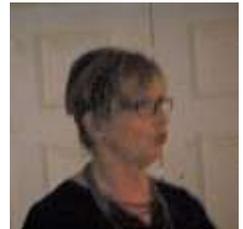
The danger of climate change on health



In the afternoon, we had three presentations and a discussion about the effectiveness of this Seminar.

The fourth speaker was Prof Anastacia Zabaniotou and her presentation was on:

Biomass, biogas and waste to energy



Dr Antonella Trombadore gave her second lecture after lunch on:

What can one learn from Vernacular Architecture



The last speaker of the day was prof. Donald Swift-Hook and his presentation was on: **Introduction to Wind and Photovoltaics**

During Lunch, all participants ate together to encourage net working at the same time

As shown in figure 2.



Figure 2: Lunch

seating



In the evening a special dinner was given by Prof Swift-Hook – Secretary General of WREN

TUESDAY PROGRAMME

The first speaker was Prof Robert Critoph from Warwick University. Robert spoke about:

Universities leading on low carbon heating and cooling: past, present and future



He was followed by Prof Dr Dorota Chwieduk from Poland. Her presentation was on:

Application of renewable energy in smart cities



WREN expert in wind energy Mr David Milborrow presented his first talk on:

Progress in Wind Energy



Followed by WREN Expert in Mini-Hydro, Dr Arthur Williams from Nottingham University who presented his talk on:

Global Mini-Hydro and their potential



One of the important assets of ISESCO-WREN Seminars is the reliance on all our experts and WREN – Members to give their expertise knowledge to the participants. Prof Nader Al-Bastaki – Vice Chancellor for research and higher education of Bahrain Kingdom University gave his talk on:

Water Desalination – what is the best choice?



At the end of the day on Tuesday a group photograph was arranged outside the hotel, see figure 3



Again WREN was proud to have 7-women attend the Seminar.

Figure 3.

In the evening, all participants had dinner at Pinocchio Restaurant sponsored by Prof Critoph, see figure 4.

Figure 4.



On Wednesday, the participants went by coach to Prof Swift-Hook' home for lunch and then carried on after that to visit the photovoltaic application at Kings Cross railway station, and finally a visit to the Victoria and Albert Museum

One outstanding contributor to the Seminar is Prof Donald Swift-Hook, he entertain all the participants at his home in Woking, Surrey during the visit to London with lunch. Figure 5 shows the 250 kW PV installation at London Kings Cross Railway Station



Figure 5.





The coach took some of the participants to most the beautiful museum “Victoria and Albert Museum in London, South Kensington where they spent three hours. A photograph was taken at the entrance to the Museum with some participants, see figure 6.

Figure 6.

THURSDAY

On Thursday, there were three talks presented by

1- Prof Ali Sayigh on:

Photovoltaic is the corner stone of renewable energy

2- By Prof Salam Darwish Phoenix Renewable Energy, Manchester, UK on:

The future of wind energy programme

3- By Mr David Milborrow – WREN Consultant On:

The economics of wind energy

In the afternoon, some of the participants went on a boat trip to see the 430 MW wind farm off Brighton seashore. The trip took 2:30 hour.

It was very impressive to see close up 132 turbines each with a capacity of 3.5 MW, see figure7.





Figure 7: Group photo, one turbine picture and some of the wind farm turbine at the back of Dr Marta Szabo.

On the evening Prof Sayigh took the participants to a local Lebanese restaurant, see figure 8.



Figure 8.

FRIDAY

On Friday, there were only two lectures in the morning to give the participants time to see Brighton City and to do some shopping.

The first lecture was given by Dr Marta Szabo, Goddolo, Hungary on:

Solar Thermal progress in Europe



The second talk was delivered by Prof Swift-Hook on

Wind is the last to be stored



In the evening it was the GALA Dinner was held in the Old Ship Hotel. Halfway through the Dinner, Prof Ali Sayigh and Prof Donald Swift-Hook presented each the participant with their certificate of attendance, a group photograph and a USB containing all the Speakers presentations and wish them safe journey home on Saturday 6 July.

Again Prof Sayigh repeated his thanks and appreciation to ISESCO who was our main sponsors and thanks to Warwick University and Prof Swift-Hook Associates. Our thanks goes to the Old Ship Hotel and specifically to Ms Sarah Paine for handling all the hotel arrangement, see figure 9.



Figure 9: Gala Dinner