



The Nigerian Society of Engineers

PORT HARCOURT BRANCH



e-newsletter

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Interview with Engr. Francis Nimieboka, MNSE, on HVAC

Engr. Francis Nimieboka, MNSE, is the Chairman of the Engineering Resource Center Committee of the Nigerian Society of Engineers Port Harcourt.



E-Newsletter: *What does HVAC stand for?*

Engr. Nimieboka: HVAC stands for Heating, Ventilation and Air Conditioning. In Nigeria we have an umbrella called ASHRAE which is American Society for Heating, Refrigeration and Air Conditioning Engineers. It is an international organisation instituted for the purpose of advancing the art and science of HVAC and the associated human factors for the benefit of the public.

E-Newsletter: *What is HVAC used for?*

Engr. Nimieboka: Essentially, we all know that this part of the world is hot. So air conditioning for cooling homes and offices is part of HVAC, refrigeration for cooling and preserving our food products is also part of HVAC. In winter areas where there is very low temperature, heating equipment are used in heating homes, offices etc. If the ambient temperature is cooler than the inside temperature, you use the heaters but if the ambient temper-

ature is hotter then it naturally affects the inside, in this case the use of air condition is required.

E-Newsletter: *Are there regions where HVAC systems are designed for or can they be used in any part of the world?*

Engr. Nimieboka: They are designed for tropical areas like Africa due to the high temperature obviously experienced in this region. The type of air conditioners designed for tropical areas are not the same for Asian countries, European countries and North Americans. So air conditions are designed according to regional requirements.

E-Newsletter: *Is the heating part designed for all parts of the world or for certain regions?*

Engr. Nimieboka: Essentially, some of the air conditions that come into Africa have some heating component but we don't use them because it is already hot here. When you talk about some cold places such as UK, America etc, especially in December period, people freeze and without heating people will run into some problem.

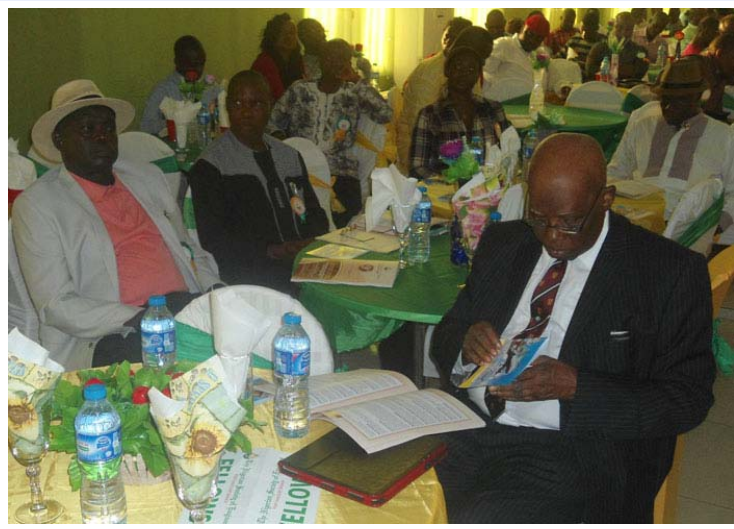
E-Newsletter: *Thank you sir.*

The Nigerian Society of Engineers Port Harcourt Branch 2014 Annual Lecture was held on Tuesday 28 October 2014. The Eminent Lecturer, Engr. Iboroma Zab Seddon Akobo MNSE (right in photo), delivered a lecture titled "Infrastructure Deficit in the Transport Sector: Challenges and Prospects for the Engineer". The event was Chaired by the Chairman of the Nigerian Society of Engineers Port Harcourt Branch Engr. Kombo Theophilus-Johnson FNSE (5th from right).



World Engineering Conference on Sustainable Infrastructure,
2nd - 7th November 2014, Abuja-Nigeria.
Theme: *Development of Sustainable Infrastructure in Africa*
<http://www.wecsi2014.org>





Engr. Prof. Y. O. Beredugo FNSE (right) and Engr. B. J. Benibo FNSE during the Nigerian Society of Engineers Port Harcourt 2014 Annual Lecture held on Tuesday 28 October 2014.



The World Engineering Conference on Sustainable Infrastructure will be **BROADCASTED LIVE** on: the conference website www.wecsi2014.org, the website of the Nigerian Society of Engineers www.nse.org.ng and the World Federation of Engineering Organizations website www.wfeo.net

The LIVE streaming window has already been embedded on the WECSI2014 website.

The will enable persons who may not be able to attend the conference or be present at the conference venue to WATCH the conference proceedings LIVE via the Internet.

The LIVE streaming has **Channel 1, Channel 2 and Channel 3**. **Channel 1** will be used to stream the opening ceremony, plenary sessions and two of the parallel technical sessions.

Channel 2 will be used to stream two of the parallel technical sessions on a separate page in WECSI2014 website (the link to **Channel 2** is below the **Channel 1** video window on the website home page).

Channel 3 will be used to stream the Young Engineers Forum programme on a separate page in WECSI2014 website (the link to **Channel 3** is below the **Channel 1** video window on the website home page).

You can visit the websites to watch the Opening Ceremony and other sessions.



The NSE Port Harcourt Branch General Meeting/Technical Evening was held on Thursday 30 October 2014 at the Branch secretariat. Engr. N. O. P. Chindah MNSE (photo left) made a presentation on "Nigeria's Energy Future in Renewable Sustainable Energy".



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NOTICE! NOTICE!! NOTICE!!!

All members of NSE Port Harcourt Branch should pay their Annual Branch Dues of N5000 for Corporate Members and N7,500 for Fellows to UBA Account No. 1000183629 (Port Harcourt Main Branch). Also pay National Annual Subscription of N9,000.00 for Corporate Members & N11,500 for Fellows directly to First Bank Account No. 2020502052 & forward all tellers to the secretariat for reconciliation. All payments should be made into the bank accounts.