



# The Nigerian Society of Engineers

## PORT HARCOURT BRANCH



2013 / VOLUME 190

website: [www.nseph.org](http://www.nseph.org)

e-mail: [info@nseph.org](mailto:info@nseph.org)

DECEMBER 28, 2013

## Merry Christmas & Happy New Year

### Interview with Engr. Samuel Grossman, Chair, WFEO Committee on Energy

*Engr. Samuel Grossman is a Civil Engineer in California. He served as the President of the National Society of Professional Engineers from 2009-2010. He is Vice President of WFEO and Chair of the Committee on Energy.*



Samuel Grossman

**E-Newsletter:** *What are the challenges of engineers working in the energy sector in the global community?*

**Engr. Grossman:** There are challenges. We hosted a meeting last month for developing countries. Developing countries are using old technology in providing energy for their citizens. Developing countries look into cheap alternatives and that basically is coal and coal unfortunately is the most environmentally unfriendly energy choice. It is really a challenge to get developing countries to use cleaner technology like natural gas and even if they have to use coal they have to use clean coal.

**E-Newsletter:** *What is your advice to young engineers that will like to embrace the energy sector?*

**Engr. Grossman:** For the young engineers, they should focus on energy efficiency. Developed countries have codes that improves energy efficiency of buildings. Developing countries are still providing basic living structures, running water, sanitary sewer. They are not looking at energy efficiency installations in the world.

**E-Newsletter:** *What will energy be like in the future?*

**Engr. Grossman:** What it is, is that we have political **silence** round the world. What I mean by political **silence** is that there are preferential energy sources but the bottom line is that we need to embrace all the clean energy resources. That also includes one of the most unattractive resources which is nuclear energy. Nuclear energy is cheap and it is also clean. We need to be technically astute and smart on how we apply energy round the world. We just need to explore all the possible technologies that we have today and not just to look at one or two.

**E-Newsletter:** *What do you think about the shale oil? Will there be any change in the energy policy?*

**Grossman:** It is possible. It is not really the shale oil but the natural gas coming off from the fracturing of the shale. That could be a game changer. There is a huge field that has been developed off Perth Australia called the Gorgon Shelf. China has resources almost equal to that of the United States. On my visit there, they were talking about the tremendous amount of shale opportunities that they have. If we are able to bring natural gas to the world, we can change the use of oil and almost eliminate it from the standpoint of energy consumption. Oil is a definite product that is used in man-made materials and lots of other things. So oil will not go away but we can eliminate it from being a fuel source or energy creator.

**E-Newsletter:** *Thank you sir.*



NSE PH Branch Chairman Engr. Denis Dania FNSE (3rd right) with some past chairmen of NSE Port Harcourt Branch: Engr. I.Z.S. Akobo (right), Engr. Prof. H. I. Hart FNSE (2nd right), Engr. Chief O. O. Oruye FNSE (3rd left), Engr. B. M. Ogariawo FNSE & Engr. A. H. Igoni during the 2013 NSE International Engineering Conference.

## Season's Greetings

The Chairman, Engr. Denis A. A. Dania FNSE, on behalf of the Executive Committee of the Nigerian Society of Engineers Port Harcourt Branch heartily extends the compliments of the season to



you. Have a *Merry Christmas* & a *Happy New Year*.



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



The Nigerian Society of Engineers  
Council and entire members  
invite



to the **pre-inauguration**  
**International Workshop on NSE, Infrastructures and PPP:  
Prospects for Africa**  
in honour of  
**Engr. Ademola Isaac Olorunfemi, FNSE**  
The **29<sup>th</sup>** President  
of Nigerian Society of Engineers

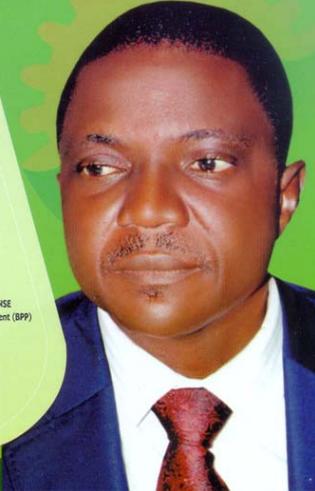
Special Guest of Honour:  
**Engr. Prof. Chinedu Nebe, FNSE**  
Hon. Minister for Power, Federal Republic of Nigeria

Special Guest:  
**Engr. Emeke Muomah Ezech, FNSE**  
Director - General, Bureau of Public Procurement (BPP)

Chairman:  
**Engr. Mustafa Balarabe Shehu, FNSE**  
President, Nigerian Society of Engineers

**Date:** Thursday 9th & Friday 10th January, 2014  
**Venue:** National Engineering Centre, off National Mosque, Labour House Road, Central Business Districts, Abuja.  
**Time:** 10:00am

**R.S.V.P**  
Engr. A. K. Amshi, FNSE 0803 618 6120 info@nse.org.ng  
Engr. Mrs Margaret Oguntala, FNSE 0803 300 1306 moguntala@yahoo.com



**NSE PH Branch 2013 End of Year Party on 19 December 2013**



Left-Right: Engr. F. C. Ogolo FNSE, Engr. Kombo Johnson (Vice Chairman), Engr. M. D. Derefaka FNSE & Engr. B. J. Benibo FNSE.




The Nigerian Society of Engineers  
Council and entire members  
invite

to the **pre-inauguration**  
**Cocktail/ Cultural Nite**  
in honour of  
**Engr. Ademola Isaac Olorunfemi, FNSE**  
The **29<sup>th</sup>** President  
of Nigerian Society of Engineers

Chairman:  
**Engr. Mustafa Balarabe Shehu, FNSE**  
President, Nigerian Society of Engineers

**Date:** Friday 10th January, 2014  
**Venue:** Julius Berger Shooting Range, Jabi, Abuja.  
**Time:** 6:00pm

**R.S.V.P**  
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Engr. Mrs Margaret Oguntala, FNSE 0803 300 1306 moguntala@yahoo.com



Engr. Emmanuel Idoniboye (NSE PH Branch Secretary, left), Engr. Denis Dania FNSE (NSE PH Branch Chairman, 3rd left), Engr. Chief O. O. Oruye FNSE (right), shortly after the inauguration of Nigerian Society of Engineering Technicians (NiSET) Port Harcourt Chapter.



The Nigerian Society of Engineers  
Council and entire members  
invite

to the  
**Presidential Inauguration Ceremony**  
of  
**Engr. Ademola Isaac Olorunfemi, FNSE**  
The **29<sup>th</sup>** President  
of Nigerian Society of Engineers

Chairman:  
**Engr. Mustafa Balarabe Shehu, FNSE**  
President, Nigerian Society of Engineers

Special Guest:  
His Excellency, **Dr. Olusegun Rahman Mimiko**  
Executive Governor, Ondo State

Special Guest of Honour:  
His Excellency, **Dr. Goodluck Ebele Jonathan, GCFR**  
President & Commander-in-Chief of the Armed Forces, Federal Republic of Nigeria

**Date:** Saturday 11th January, 2014  
**Venue:** African Hall, International Conference Centre, Abuja.  
**Time:** 10:00am

**R.S.V.P**  
Engr. A. K. Amshi, FNSE 0803 618 6120 info@nse.org.ng  
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**NOTICE! NOTICE!! NOTICE!!!**  
All members of NSE Port Harcourt Branch should pay their Annual Branch Dues of N4,500 for Corporate Members and N6,500 for Fellows to UBA ACC. NO: 1000183629 (Port Harcourt Main Branch). Also pay National Annual Subscription of N9,000.00 for Corporate Members & N11,500 for Fellows directly to Main Street Bank ACC No. 6500374224 & forward all tellers to the secretariat for reconciliation. All payments should be made at the Bank