



The Nigerian Society of Engineers

PORT HARCOURT BRANCH



e-newsletter

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DECEMBER, 18TH 2010

Merry Christmas

Interview with Mrs. María Jesús Prieto-Laffargue, President of World Federation of Engineering Organizations (WFEO)

Mrs. María Jesús Prieto-Laffargue is the President of World Federation of Engineering Organizations (WFEO). She is the Former Executive Vice-president of the World Federation of Engineering Organizations and Past President of the Institute of Engineering of Spain. **María Jesús Prieto-Laffargue** is a prominent figure in the international arena of communications technology and international business.

E-Newsletter: *We would like to know more about the World Federation of Engineering Organizations.*

María Jesús Prieto-Laffargue: The World Federation of Engineering Organization represents the engineering profession worldwide. Some group of federation organized the World Federation that brings together the engineering society from Europe, America, Asia, Africa, the Common Wealth, the Arab country federation, the entire continents. We plan to draw in all the countries but so far we have a total number of ninety-eight countries which represent about eighteen million engineers. So we represent the engineering profession. We try to bring benefit to our members, serve them knowledge. Now is the time we need to, because we are adapting to global change. Look at some countries that are suffering from national disaster, which is not happening in other countries. We can interchange experience; we can interface the engineering profession. We are the interface of the engineering profession with the United Nation system, the UNESCO, the World Bank, Oil sector. We try to make more relevant the engineering profession which is the profession that is providing us with the conversion of knowledge into solving social problems and economic progress. It is not a matter of politicians and poli-



María Jesús Prieto-Laffargue
yet to key into the WFEO?

María Jesús Prieto-Laffargue: Today the engineering profession is a global activity. People can go into it. Any mega project requires the collaboration among all disciplines of engineering. Today it does make sense to talk about civil engineers, telecommunication engineers, computer engineers, etc because most of the project needs collaboration amongst the different engineering disciplines and not only by all the engineering disciplines but also engineers from different cultural and social backgrounds. So the WFEO is a mechanism to transfer to the engineers multi-discipline vision or international vision. One same technology is not used in the same way and not applied in the same way in the different countries and how to produce innovative engineering application taking into account the social and economic factors of the place where the project is going to be operated and we try to do so. So I think it is the right thing for engineers to be able to adapt in this complex society and globalized society.

E-Newsletter: *Thank you very much madam, how do you see the Nigerian engineer and the African*

engineers as well.

tics. It is a matter of engineers because it has a lot to do with science and technology; it is what the world needs to apply to solve countries' needs.

E-Newsletter: *What word do you have for the engineering organizations that are*

engineers as well.

María Jesús Prieto-Laffargue: I talked about that yesterday. Africa is an impressive continent. It makes no sense to talk about Africa as a mono-individual. Africa lacks a lot of infrastructures, innovations, connectivity because only 10 or 12% of the trade of Africa is within Africa, so this is the reason for that. The continent lacks infrastructures; the railways, the roads are not joining the different nations. They have very well qualified people, they have raw materials, they have minerals, oil, everything. So Africa must stop to blame others for its miseries. The future looks bright. So they need a lot of infrastructures, water, energy. The time is ripe to start using the engineers' skills and knowledge to advice the government. The problem is that sometimes they have to know that engineers are the main actors of the development of the country or nation.

E-Newsletter: *Thank you for the audience you granted us.*



María Jesús Prieto-Laffargue & Engr. Otuneh



NSE Port Harcourt Branch Won 2nd Position in Group Dynamics

The Nigerian Society of Engineers Port Harcourt Branch won the second position in the Nigerian Society of Engineers Branch Group Dynamics during the International Conference "Abuja 2010" held recently at the International Conference Center, Abuja. Photo left is a group photograph of PH Branch members after receiving the award. In the photo, the award is been held by the branch chairman Engr. A. H. Igoni MNSE (5th from right) while Engr. Prof. H. I. Hart FNSE, is 6th from right.



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DECEMBER, 11TH 2010

The Nigerian Society of Engineers INTERNATIONAL CONFERENCE 'ABUJA 2010'

Theme: Engineering Response in Combating the Effects of Climate Change in Africa

Venue: International Conference Center, Abuja. Date: 6th– 10th December 2010

SPECIAL EDITION E-NEWSLETTER



Senator Lee Maeba JP, (left) receiving Special Presidential Merit Award.



Engr. Chief O. A. Ajibola FNSE
NSE President



Engr. Chf. G. Massari FNSE, (right) receiving Special Presidential Merit Award for Danelec Limited



Engr. Ernest Nwapa, FNSE, (left) been conferred Fellow of NSE by NSE President



Maria Jesus Prieto-Laffargue
WFEO President



Engr. A. H. Igoni MNSE, PH Branch Chairman after receiving Presidential Award.



The Nigerian Society of Engineers Port Harcourt Branch Members

The Nigerian Society of Engineers
2010 INTERNATIONAL CONFERENCE AND ANNUAL GENERAL MEETING

COMMUNIQUE

The Nigerian Society of Engineers held its 43rd International Engineering Conference and Annual General Meeting tagged "**ABUJA 2010**" at the International Conference Centre Abuja, between 6th and 10th December, 2010. The theme of the Conference was "**Engineering Response in Combating the Effects of Climate Change in Africa**".

The Communiqué which emanated from the Conference is as follows:

1. Engineering Response to the Effects of Climate Change

The Conference recognizes:

The need for a world without emissions, but the current technologies available in African countries are inadequate. Therefore African countries should aspire to develop appropriate technologies to combat emissions. While economic consideration should drive development, Social and Environmental factors should be given prominence.

That technical competency alone is insufficient to combat the effects of climate change, but developing the managerial skills will complement the efforts towards combating the global climatic change effects in Africa.

The need to consciously promote and exploit the technology of small hydro power generation to complement the existing fuel based systems in Nigeria.

That African infrastructure sectors lag behind those of the rest of the world and the gap is widening. Therefore engineering capacity building is needed for renewal and establishment as engineering profession is the most unique to bridge the widening gap.

That developed countries have made commitments to the reduction of green house gas emission and recommends that developing countries of Africa should as a matter of urgency, put in place policies and implementation strategies in this regard.

The emergence of energy saving devices and encourages further research to reduce cost.

2. Effects of Climate Change on Food Security and Waste Management

The Conference recognizes the effects of climate change on food security as a result of extreme weather conditions which lead to food scarcity. This can be mitigated with the application of appropriate engineering technologies in Africa.

The Conference therefore recommends:

The reduction of waste through optimization of engineering designs which gives a near zero residue should be pursued.

All companies that do business in the area of fossil fuel (oil & gas) should be advised to invest in renewable energy research. The government, stakeholders and industries should synergize to achieve the desired results.

The public and private sectors should engage in waste recycling as it creates employment and provides positive solutions to the effects of climate change.

3. Environmental Impact on Climate Change

The Conference observes that the global economic crisis provides another opportunity for Nigeria to transform its economy through prudent management of its natural and human resources endowment.

4. Climate change and Sustainable Development

The Conference recognizes that inadequate human capacity to support development of sustainable energy supply systems is a major challenge. It therefore recommends synergy amongst tertiary institutions, research centers, professional bodies and the industry to ensure that professionals meet the requirements of industry.

5. Engineering Codes and Standards

The Conference recognizes that the development of relevant codes and standards is a complex and dynamic process. Allied professional and regulatory bodies should join the Nigerian Society of Engineers as a matter of urgency in the development of sustainable codes and standards.

6. Economic and Fiscal Policies

The Conference observes that global economic challenges on climate change can be turned into engineering opportunities. It therefore recommends that African governments should put in place fiscal policies that guarantee employment generation and African Engineers should be more enterprising in this regard.

7. Information and Communication Technology

The Conference acknowledges the application of Information and Communication Technology (ICT) in gathering and dissemination of information on climate change. ICT infrastructure should be made readily available and affordable.

8. Election of Officers

The following officers were elected to run the affairs of the Society in the 2011.

Engr. O. A. Ajibola FNSE	President
Engr. M. B. Shehu FNSE	Deputy President
Engr. Ali A. Rabi FNSE	Vice President
Engr. Valerie Agbaragba FNSE	Vice President
Engr. Otis Anyaeji FNSE	Vice President
Engr. Ahmed Mustapha FNSE	Executive Committee Member

Engr. Muhammed Abbas MNSE	Executive Committee Member
Engr. Akintayo Akintola MNSE	Executive Committee Member
Engr. Ezekwesili Onah MNSE	Executive Committee Member
Engr. Imabong Inyang FNSE	Executive Committee Member
Engr. Wahab Ibrahim FNSE	Executive Committee Member
Engr. K. A. Ali FNSE	Immediate Past President
Engr. A. K. Amshi FNSE	Executive Secretary

Engr. Ahmed K. Amshi, FNSE
Executive Secretary



The Nigerian Society of Engineers Port Harcourt Branch Spouses



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NOTICE! NOTICE!! NOTICE!!!

All members of NSE PH should pay their **Annual Branch Dues of N4,500 for Corporate Members and N6,500 for Fellows to UBA ACC. NO: 0234-031-0000962 (Port Harcourt Main Branch)**. Also pay **National Annual Subscription of N7,500.00 for Corporate Members & N9,500 for Fellows** directly to **AFRIBANK ACC No. 1420202215613** & forward all tellers to the secretariat for reconciliation. All payments should be made at the Bank