



**NIGERIAN ASSOCIATION
FOR ENERGY ECONOMICS**

Affiliate of International Association for Energy Economics



4th ANNUAL NAAE/IAEE INTERNATIONAL CONFERENCE
GREEN ENERGY AND ENERGY SECURITY: OPTIONS FOR AFRICA
SHERATON HOTEL & TOWERS, ABUJA, NIGERIA
APRIL 28 – 29, 2011

Two of the prevailing energy issues are energy security and the environmental and health impacts of fossil energy development. With the expansion of the world's economy, the fossil energy consumption pattern in the transportation sector of the global economy seems unsustainable. These issues are further complicated in Africa because of low energy access, uneven distribution of energy resources, and the perceived conflicts between achieving energy sector objectives and meeting the challenges of national development - poverty alleviation, economic development, education, health and national security. What are the policy options available to low income countries worldwide to promote energy security, energy access and sustainable energy use? Are there global best practices that can provide a pragmatic framework for these countries? What are the likely impacts of alternative energy policy choices on the development trajectory in Africa?

CONFERENCE OBJECTIVES:

The 4th NAAE/IAEE Conference will examine the above issues within the context of the global energy market interdependency. The Conference will bring together policy makers, industry experts, academia and other stakeholders in addressing these issues.

CONFERENCE STRUCTURE:

The Conference will feature plenary sessions on key issues relating to the theme of the Conference. The following sub-themes and topics will be covered during the 2-day International Conference:

Markets

- Energy and Economic Growth
- Energy Pricing, Taxes and Subsidies
- Issues in the Power Sector
- Energy Sector Reforms and Regulatory Issues
- Energy Supply and Infrastructure Issues
- Renewable Energy
- Rural Energy Market
- Trade and Environment
- Climate Change and Development: National
- Energy Modeling
- Issues in the Oil and Gas Sector
- Energy and the MDGs
- Energy Security



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APRIL 24 – 26, 2011**

FINAL DRAFT PROGRAM

WEDNESDAY APRIL 27, 2011

- 15:00 – 17:00 REGISTRATION
- 17.00 – 18.00 MEETING OF LOC*
- 19:00 – 21:30 WELCOME RECEPTION (SPONSOR TBA)

THURSDAY APRIL 28, 2011

- 08:00 – 17:00 REGISTRATION
- 08:30 – 10:00 CONCURRENT SESSIONS

1: RENEWABLE ENERGY: TECHNOLOGY, ACCESSIBILITY AND FINANCE

Chairman:

Presenters:

Etah, E.A., K.C. Nwanji and M.Eze (Energy Commission of Nigeria)

Renewable Energy: A Viable Option for Combating Energy Security in Nigeria

Aliyu, A.O. and J.Y. Bawa, (Energy Commission of Nigeria)

Identifying the Market, Institutional and Financial Barriers to the Implementation of Renewable Energy Technologies in Nigeria

Omojolaibi, J.A. (Department of Economics, University of Ibadan)

Financing the Alternative: Renewable Energy in the Nigerian Economy

Oniemola, P.K., (School of Law, University of Aberdeen, UK)

Investment in Renewable Energy and World Trade Law.

2: ENERGY ISSUES: INTERNATIONAL EXPERIENCES

Chairman:

Presenters:

Oduro-Asare, J. (Energy Commission, Accra, Ghana)

Renewable Energy Investment and Financing in Ghana

Tajudeen, I.A. (Energy Economics and Policy Dept, University of Surrey)

Modeling UK Aggregate Energy Demand: Asymmetric Price Responses and Underlying Energy Demand Trends

Tchokote, J. and U.C. Nwogwugwu, (Dept of Economics, Nnamdi University, Awka)

Cameroon Energy Sector: An Assessment of Electricity Supply Side.

Djezou, W. B. (University of Cocody – Abidjan),

Energy, Environment and Poverty: An Analysis of Urban Household's Access to Clean Cooking Fuels in Côte d'Ivoire.

3: ENERGY MODELLING

Chairman:

Presenters:

Chuku A. C., and E.L. Effiong, (Dept of Economics, University of Uyo)

Robust Models for Forecasting Electricity Load and Prices in a Deregulated Market

Abdusalam, S.A. (Dept of Economics, Ahmadu Bello University, Zaria)

Energy Consumption and Macroeconomic Outcomes in Nigeria: A Theoretical and Empirical Analysis 1980-2008

Oderinde, L.O. (Dept of Economics., Redeemer's University)

A Meta-Analysis of the Literature on Energy Consumption – Economic Growth Nexus

Nnaji, C.E. E.R.Ukwueze and J.O.Chukwu (NCERD, University of Nigeria, Nsukka)

Determinants of Household Energy Choices in Rural Areas in Enugu State, Nigeria

4: ENERGY PRICE SHOCKS AND MACROECONOMY

Chairman:

Presenters:

Ayaowei, E., (Department of Economics, University of Ibadan,)

Impact of Oil Price Shocks on the Economy of West African Countries

Adeniyi, O.A. (Dept of Economics, University of Ibadan)

Oil Prices Shocks and Exchange Rates Dynamics in Oil Exporting Countries: What is the Nigerian Experience?

Ohuche, F.K. and L.R. Bala-keffi, (Monetary Policy Dept, Central Bank of Nigeria),

Energy Price shocks and Monetary Policy in an Economy in Transition: Evidence from Nigeria

Saibu, M.O. (Dept of Economics, Obafemi Awolowo University, Ile Ife)

Oil Price, Energy Consumption and Macroeconomic Performance: Further Evidence from Nigeria (1970-2009)

10:00 – 11:30 OPENING CEREMONY & WELCOME

CHAIRMAN: *Engr, Chima Ibenechie, Managing Director, NLNG*

Welcome Address: *Professor Akin Iwayemi, NAAE President, University of Ibadan, Ibadan, Nigeria*

Remarks by the Chairman: *Engr. Chima Ibenechie, MD, NLNG*

Remarks by the Special Guest of Honor: *Professor Kassey Garba, Chief Economic Adviser to the President*

Remarks by the Special Guest of Honor: *Mallam Lamido Sanusi, CBN Governor (invited)*

Remarks by the Special Guest of Honor: Engr. Austen Oniwon: GMD, NNPC (invited)

Keynote Speaker: *Professor A. O.Adegbulugbe, Former Special Adviser to the President on Energy Matters*

Conference Opening Declaration: *Arc. Nuhu Wya, Hon. Minister of State, Power*

Votes of Thanks: *Professor Adeola Adenikinju, Chairman, Conference Planning Committee*

11:30 – 12:00 COFFEE/TEA BREAK

12:00 – 13:00 PRESIDENTIAL ADDRESS

Chairman: *Professor A.S. Sambo, DG, Energy Commission of Nigeria*

Speaker: *Professor Akin Iwayemi, University of Ibadan*

13:00 - 14.00 LUNCH BREAK

14:00 - 15:30 INAUGURAL PLENARY SESSION:
POWER SECTOR ROADMAP: ACCOMPLISHMENTS, CHALLENGES &
THE WAY FORWARD

Chairman: *Dr Sam Amadi, Executive Chairman, NERC*

Lead Paper: *Prof. Barth Nnaji, Special Adviser on Power (invited)*

Panelists:

(i) *Professor Adeola Adenikinju, SSAP (Economic Matters)*

(ii) *Ms. Balkisu Saidu, Graduate School of Law, Keio University, Tokyo*

(iii) *Engr. James Olotu, MD, Niger-Delta Power Company*

(iv) *Mr. Bede Opara, President, SSAEAC*

16.00 – 17.30 DUAL PLENARY SESSION

A ENERGY POLICY AND PLANNING

Chairman: *Prof. Walter G. Ollor, Igbinedon University, Okada*

Speakers: *Professor T. Wara; and Professor O. Nwolise*

B COMPETITION LAW IN NIGERIA: PROVIDING A FRAMEWORK FOR SUCCESSFUL DEREGULATED ENERGY SECTOR

Chairman: *Professor Akin Iwayemi, University of Ibadan*

Lead paper: *Adeyemi Candide-Johnson (SAN)*

Panelists

Mrs Funke Dinneh, DGM, Legal, Licensing & Enforcement, NERC,

Dr Peter Obutte, Faculty of Law, University of Ibadan

FRIDAY APRIL 29, 2010

7.30 – 8.30 NAAE 2012 CONFERENCE PLANNING COMMITTEE

(By Invitation)

8.30 – 10.00 CONCURRENT SESSIONS

5: ENERGY, ENVIRONMENT AND THE ECONOMY

Chairman:

Presenters:

Chuku, A.C., and S.R. Ndifreke, (Dept of Economics, University of Uyo),

Energy Consumption, Trade, the Environment and Growth in Nigeria: A Combined Dynamic Approach

Akpan, U.F and Chukwu, A.C, (Dept of Economics, University of Uyo),

Economic Growth and Environmental Degradation in Nigeria: Beyond the Environmental Kuznets Curve

Nnaji, E.C., G.O. Unachukwu and J.O. Chukwu, (NCERD, University of Nigeria, Nsukka)

Does Domestic Energy Consumption contribute to Exports? Empirical Evidence from Nigeria

Ogwumike, F.O. and U.M. Ozughalu, (Dept of Economics, University of Ibadan),

Energy Consumption, Poverty and Environmental Linkages in Nigeria: A case of Traditional and Modern Fuels for Cooking

6: ENERGY, ENVIRONMENT AND THE CONOMY

Chairman:**Presenters:**

Energy consumption and sustainable development

Bello, M. (Gombe State University, Gombe)

Fuelwood Consumption, Poverty and Sustainable Development (The case of Gombe State)

Maduekwe, M. (University of Dundee, U.K.)

Energy, Poverty and Sustainable Development- When do we draw the line between Deforestation and Development in Africa

Eregha, P. B. (Adeyemi College of Education, Ondo),

Sustainable Energy and Sustainable Development: What is the Way Forward for Nigeria?

Sharjafudeen, M. (Mamman Daku St., Sabon Gari, Zaria)

Reducing Poverty and Meeting the MDGs: The Importance of Energy Access – The case of Power in Nigeria

7: ENERGY PLANNING AND POLICY

Chairman:**Presenters:**

Nwogwugwu, U, J. Tchokote, B.Adi and C. Kalu, (Dept of Economics. Nnamdi Azikiwe University) ***Energy Access for Nigeria's Rural Economy: Critical Challenges and Options***

Okolo, I. C., (Centre for Peace & Conflict Studies, University of Ibadan)

Energy Security and Interdependencies

Emovon, I., B. Kareem and M.K. Adeyeri, (Dept of Mechanical Engrg., FUTA, Akure),

Power Generation in Nigeria: Problems and Solutions

Adesanya, O. (Jillycontinentals Ltd, Lagos),

Green Energy Technology (GET) Policy Options for Africa

8.30 – 10.00 CONCURRENT SESSIONS

8: ENERGY SECTOR REFORMS, MARKET STRUCTURE AND INSTITUTIONS

Chairman:

Presenters:

Balkisu Saidu, (Graduate School of Law, Keio University, Tokyo, Japan),

Roadmap for Power Sector Reform in Nigeria 2010: Out of Dark into the Dark Ages
Omisakin, O.A. (Dept of Economics, Redeemer's University)

Natural Gas Pricing: International Experience and Policy Options for Nigeria

Auwal, U. (Dept of Economics, ABU, Zaria),

From Joint Venture Partnerships to Production Sharing Contracts: An Algebraic Analysis of the Nigeria Oil and Gas company

Omonbude, E.I. (Commonwealth Secretariat, U.K.)

Oil Refining in Nigeria – Myths and truths

10.00 - 11.30 PLENARY SESSION II

EMERGING ISSUES IN THE OIL AND GAS SECTOR IN NIGERIA

Chairman: Dr. Bright Okogu, DG, Budget Office of the Federation (*invited*)

Speakers:

Engr. Ernest Nwapa, (ES, Nigerian Content Development and Monitoring Board)

“Local Content and Economic Growth” (*invited*)

Dr. David Ige, (Group Executive Director, NNPC Gas and Power)

“The Place of Strategic Aggregator in Domestic Gas Market”

Prof. Wumi Iledare, Director/Professor, LSU Centre for Energy Studies, USA

“Managing Oil and Gas Wealth in Federal Systems: A Case Study of Nigeria”

11.30 - 12.00 TEA/COFFEE BREAK

12.00 -13.00 PLENARY SESSION III
ROADMAPS FOR RENEWABLE ENERGY TECHNOLOGIES:
SCENARIOS AND STRATEGIES FOR COORDINATING ENERGY
SYSTEM PLANNING

Chairman: Dr. Mine K. Yucel, 2011 IAEE President

Guest Speaker: Professor Tony Owen, UCL School of Energy & Resources

13.00 - 14.00 SPONSORED LUNCH BREAK

14:00 – 15.30 PLENARY SESSION IV
GREEN ENERGY

Chairman:

Speaker: Dr. M. Kolhe, Dir. of Programmes, UCL School of Energy and Resources, UK

15.30 – 17.00 CONCURRENT SESSIONS

9: ENERGY USE, CONSERVATION AND EFFICIENCY

Chairman:

Presenters:

Eke, U. E. (Petroleum Training Institute, Effurum)

Energy Efficient Lighting as ‘Virtual Power Plant’: Opportunities for Mitigating Electricity Load Shedding and GHG Emissions in Nigeria

Umaru, I. G. (Dept of Economics, Nassarawa State University)

Estimating the Willingness to Pay for Efficient Energy Service Delivery and Alternative Sources of Electricity in a Deregulated Market in Nigeria

Ajayi, I.P. (Bowen University, Iwo)

Urban Household Energy Use in Nigeria: Welfare and Policy Implications,
Aliyu, A.O., and A.Y. Bodinga, (Energy Commission of Nigeria)

Renewable Energy as a tool for Poverty Eradication and Rural Development

10: ENERGY SUPPLY DIVERSIFICATION AND SECURITY: CHALLENGES AND POLICY OPTIONS

Chairman:

Presenters:

Ejim-Eze, E. and B. Gordon, (NACETEM, South South Office, Niger Delta University, Bayelsa)

Sustainable Biofuel Production and Utilisation in Nigeria: Policy Issues

Ogundari, I.O., O.R. Olaopa, A.J. Famurewa, M. Sanni, J.B. Akarakiri and W.O.

Siyambola, (NACETEM, Obafemi Awolowo University, Ile Ife)

On the Food/Fuel Debate: Should Landmark Utilisation for Biofuels Development

Raise Food Security Concern in Nigeria

Asogwa, R.C. (UNDP, Abuja Office)

Assessing the Benefits of Energy Supply Diversification in Nigeria: A Portfolio Model Analysis

Olaniyan, K.M. (National Planning Commission, Abuja),

Energy Security in East Asia and its Implications for Food Security in SSA

15.30 – 17.00 CONCURRENT SESSIONS

11: POWER SECTOR DEREGULATION: ISSUES AND OPTIONS

Chairman:

Presenters:

Adenikinju, A. and O. Adenikinju, (University of Ibadan and Bowen University, Iwo)
PPP in Electricity Sector: The case of Nigeria

Momodu, A.S. T.O. Oyebisi, T.O. Obilade and J.F-K Akinbami, (CERD, OAU, Ile Ife)
Market Design and generation Adequacy in the Nigeria Electric Power System: issues and Options

Adi, B., C.C.Nwoguwugu. U. Ezenekwe, (Namdi Azikiwe University. Awka)
Public Private Partnerships for or Against Public Goods: vested Interests, Elite Capture and Social Welfare

Ayodele, A.S and Z. Saheed, (College of Social and Management Science, Achievers University, Owo)

Public Private Partnerships in Energy: The case of Electricity Development in Nigeria

12: OIL AND GAS INDUSTRY REFORM: IMPLICATIONS ON PROJECT ECONOMICS AND GOVERNMENT TAKE

Chairman: Professor Wumi Iledare, LSU, USA

Presenters:

Oke, O., (Schlumberger, Nigeria),
Implications of the Petroleum Industry Act

Onyeukwu, H. (Lagos Oil Club)
Competitiveness of Nigeria Fiscal System to attract Investment

Falobi, E. and O. Falode (NAPIMS and Dept of Petroleum Engineering, University of Ibadan),

Petroleum Fiscal Regimes in OPEC Countries
Ajibola, Ibeku, and Oghenero (IPS, Port Harcourt)

Impact of Fiscal System Terms and Instruments on Petroleum Project Economics: A Case Study of Nigeria

17:00– 18.00 ANNUAL GENERAL MEETING/INAUGURATION OF NEW COUNCIL

19:30– 22.00 DINNER & AWARD NIGHT (SPONSOR TBA)

Chairman: Dr. Emmanuel Egbogah, Special Adviser, Petroleum Matters

Keynote Speaker: Engr. Funso Kupolokun, Former GMD, NNPC

Special Guest of Honor: Engr. Austin Oniwon, GMD, NNPC

CONFERENCE REGISTRATION FORM

REGISTRATION FEE

International delegates USD250; Local delegates (Members—N20, 000, Non- members--N25, 000, Students—N8, 000)

REGISTRATION FORM

Delegate Details		
Name	Job Title	
Company		
Address		
City	Zip Code	Country
Phone	Fax	E-mail
Payment Methods		
<u>Cheque:</u> Make Payable To: Nigerian Association for Energy Economics Mail To: Professor Adeola Adenikinju, Department of Economics, Faculty of Social Sciences, University of Ibadan, Ibadan, Oyo State, Nigeria. Cash: Account Name: Nigerian Association for Energy Economics Bank: FinBank Plc: Account No: 235432565201		<u>Wire Transfer:</u> You will receive wire transfer instructions after submission of the registration form
Background Information		
Submit registration form via email to adeolaadenikinju@yahoo.com or call +234-8023440018		
The registration fees include the cost of morning and afternoon teas, lunches, dinners, and documents. The registration fee does not include travel, accommodation or additional related expenses. Bookings are only valid with a signature		
Travel and Accommodation		
All attendees are responsible for the arrangement and payment of their own travel and accommodation.		
Program Cancellation Policies		
Cancellation must be received in writing one month before the start of the conference, and will be subject to a N5000 cancellation fee, unless a substitute delegate is nominated. I confirm that I have read and agreed to the cancellation policy and on the Terms and Conditions. Signature_____ Date_____		

HOTEL RESERVATION & TRAVEL INFORMATION

Sheraton Hotel the venue of the Conference is located at very strategic place in Abuja. Rates per night at the Hotel are US\$350 per night. Telephone: 234-9-461-2100; Fax: 234-9-523-1571

Other hotels that are not too far from the venue and their rates are:

Rockview Hotel : \$250 per night. Telephone: 234-9-413-0101; Fax: 234-9-461-0176

Chelsea Hotel : \$170 per night. Telephone: 234-9-234-9080; Fax: 234-9-234-9074

Travel Documents: All International Delegates outside the ECOWAS sub region are urged to contact their consulate, embassy or travel agents regarding the necessity of obtaining a visa for entry into Nigeria. If you need a letter of invitation to attend the conference, contact NAEE with an email request to adeolaadenikinju@yahoo.com