



COMMUNIQUE AT THE INTERACTIVE STAKEHOLDERS' FORUM ON WASTE MANAGEMENT ORGANISED BY THE LAGOS WASTE MANAGEMENT AUTHORITY IN COLLABORATION WITH THE UNITED NATIONS CENTRE FOR REGIONAL DEVELOPMENT (UNCRD) AND INTERNATIONAL PARTNERSHIP FOR EXPANDING THE WASTE MANAGEMENT SERVICES OF LOCAL AUTHORITIES (IPLA), HELD AT THE LAGOS CHAMBERS OF COMMERCE & INDUSTRY CONFERENCE & EXHIBITION CENTRE, ALAUSA-IKEJA, LAGOS ON THE 18TH OF DECEMBER, 2014

EXECUTIVE BRIEF

PREAMBLE

The interactive stakeholders' forum with the theme "*Multi-stakeholder Co-operation for Knowledge and Capacity Development in Waste Management*" was held on Thursday, 18th December, 2014 at the Lagos Chamber of Commerce and Industry (LCCI) Conference and Exhibition Centre, Alausa-Ikeja, Lagos. The Forum was attended by 125 participants drawn from the private sector, academia, civil/grassroots societies, the media, and the public sector (relevant ministries/agencies and local government councils), across nine (9) States: Edo State, Ondo State, Osun State, Rivers State, Oyo State, Plateau State, Ogun State, Delta State, and Lagos State.

The Forum, organized by the Lagos Waste Management Authority (LAWMA) in collaboration with the International Partnership for Expanding the Waste Management Services of Local Authorities (IPLA) and the United Nations Centre for Regional Development (UNCRD), was designed to facilitate an interactive platform–

- for technical exchange among participants towards identifying multi-stakeholder collaborative roles in fostering requisite empirical research and technological innovations for indigenous waste management solutions;
- to catalyse the development and synergy of knowledge, human and organisational capacity of stakeholders towards promoting resource efficient and zero waste systems across the country.

OPENING CEREMONY

The Governor of Lagos State, ably represented by the Special Adviser on the Environment, Dr. Taofeek Folami, declared the forum open, while imploring all stakeholders present to support a structured follow up of the Forum outcomes towards entrenching a participatory approach to sustainability in waste management that may be replicated in other West African cities. The Deputy Director (Legal Services), LAWMA, Mrs. 'Yemisi Ogunlola, gave welcome remarks.

The Keynote Address which was delivered by the Managing Director, LAWMA, Mr. Ola Oresanya, noted that the essence of the Forum was to sensitize and agitate participants towards a

multi-stakeholder cooperation to aptly define waste management issues and prescribe mutually beneficial solutions for improved outcomes.

TECHNICAL SESSION

The technical session which comprised presentations by seasoned experts, featured–

THEME PRESENTATION:

Attaining Sustainability in Waste Management Sector - The Rationale and Approach for Stakeholder Collaborations

Speaker: Prof. Clement O. Adeofun – Dean, College of Environmental Resources Management, Federal University of Agriculture, Abeokuta; Represented by Dr. Oguntoke

Highpoints:

- **Collaborative roles of partners for solid waste management (SWM)**
 - Government: Establish implementable policies, legal framework, public awareness programs and job creation
 - Industry: Staff-exchange and capacity building, training/internship for researchers, employment, funding new lines of research, and Extended Producer Responsibility (EPR)
 - Academia: Empirical research development, technological review, data/knowledge/periodicals development
 - Community: Acceptance of innovation and compliance with policies
- **Inherent Challenges:**
 - Human constrains, social, economic, institutional, and technical constraints
- **Key to Successful Collaboration:**
 - Packaging external support; defining clear roles of relevant agencies in developing countries; supportive strategic planning and follow-up implementation; developing self-financing schemes; raising awareness of the public and decision makers

PRESENTATION 2:

Key Drivers to Sustainable Waste Management: A Compendium of Academia and Waste Managers' Perspective

Speaker: Prof. B. I. Alo | Deputy Vice-Chancellor (Academics & Research), University of Lagos

Highpoints:

- **Version of events in Municipal Solid Waste (MSW):** Global sustainability in waste management; the challenges of waste management sector, e.g. population explosion and inadequacies of the available landfills in Lagos
- **Proposed Drivers of sustainable Waste Management:** Vision and stability; Critical mass; Data management for projects; Adequate and available funding; Legislation/enforceable guidelines; and Public support
- **Partnership Model: A triple Helix System Approach:** Higher Educational Institutes; Collaboration and Building Research Capacity; and Collaboration Grant Loan Project

PRESENTATION 3:

Fostering Resource Efficient and Zero Waste Systems in Nigeria: The indispensable role of the Private Sector

Speaker 1: Ms. Koyinsola Buraimoh | GPS - West and Eastern Africa, Procter & Gamble Co.

Speaker 2: Mr. Daniel Adedokun | Head, Industrial Ecology & Environment, Lafarge Africa PLC

Highpoints:

THE PROCTER & GAMBLE EXPERIENCE: P & G sustainability vision –

- Improved Management system through proper inventory map on waste volume, type, etc.
- Developing waste reduction techniques: Reduction in residual solid waste, waste water and minimization of energy usage through “power-off policy”.

THE LAFARGE AFRICA PLC EXPERIENCE: Sustainable development, the cement industry approach–

- Resource Efficiency and Circular Economy: using less resources and minimizing waste production; ensuring a balance between economic gain and environmental protection
- Process of resource recovery/recycling: Accurate knowledge of quantity and composition of waste input; assurance of consistency of delivery; at a reasonable cost
- Road map: Eradication of Illegal dumpsites; ensuring sanitary landfill; minimizing waste going to landfills by producing RDF (Refuse Derived Fuel); and Total Recovery optimization
- Cement Industry opportunities: reducing carbon foot print through renewable energy (RDF) utilization

PRESENTATION 4:

Communal/Informal Sector Participation in the Waste Management Industry

Speaker: Mr. Taiwo Adewole | Executive Director, Recyclepoints Nigeria

Highpoints:

- Creation of enabling environment for participation of the informal sector; create record of scavengers and rebrand/incorporate them into the integrated waste management system from the point of policy formulation to its implementation
- The need for proper inventory system in the area of amount and type of waste generated in municipalities
- EPR (Extended Producer Responsibility)/CSR approach to funding waste management initiatives - Collaboration between the industries, the waste management institution and the waste pickers.
- Recommendations: Recognition of the organisation of waste pickers; social acceptance of waste pickers; political will for recognition; legal protection measures; private sector collaboration in training the waste pickers; provide access to waste materials; sponsor the EPR bill.

PANEL/INTERACTIVE DISCUSSION

The session featured experts from varied stakeholder groups who, based on relevant qualification and experiences, shared individual perspectives regarding key discussion issues in line with the sub-theme: *“Achieving Multi-Level Collaboration for Advancing Waste Management Systems/Technology in Nigeria – The Way Forward”*.

Panelists:

- Prof. Olukayode Bamgbose | Department of Environmental Management & Toxicology, Federal University of Agriculture, Abeokuta
- Prof. (Mrs) Olusola Odeyemi | Head, Department. of Biology, Federal University of Technology, Akure
- Mrs. E. O. Eze | Lagos State Coordinator, National Environmental Standards and Regulations Enforcement Agency (NESREA)
- Mr. Paul O’Callaghan | CEO, WestAfricaENRG Limited, Lagos
- Mr. Olugbenga Adebola | CEO, Richbol Environmental Services, Lagos
- Mr. Arigbabu Sulaimon | Head, Environment & Sustainable Development Programme, HEDA Resource Centre, Lagos
- Comrade Ayodele Adewale | Former Chairman, Amuwo-Odofin Local Government, Lagos

OBSERVATIONS

The Forum made the following observations:

- i. The IPLA-LAWMA partnership platform seeks to encourage exchange among local authorities, academia and the industry. There is need therefore, for a clear definition of roles/responsibilities of each stakeholder group in the proposed tripartite partnership arrangement for data/knowledge and capacity development in waste management.
- ii. Academia can support knowledge/data development through publishing of researched technical solutions and domesticating of contemporary technologies for use by local industries in compliance with government policies/regulations. This is expected to generate more economic benefits (such as employments) in the waste sector.
- iii. Research findings are necessary to catalyze indigenous resource-recovery technologies; and LAWMA is already facilitating such projects under a public-private partnership arrangement with companies such as Petra Rubber, Earthcare, Alkem Nig. Ltd. Information on waste situation in Lagos are published on LAWMA website while complains/inquiries can be communicated through provided toll-free lines.
- iv. Through its partnership scheme, LAWMA currently supports knowledge transfer and capacity building in other states/cities in Nigeria and West Africa such as Freetown (Sierra Leone), Abidjan (Cote d’Ivoire), Accra (Ghana), Ondo State, Delta State, Ekiti State, Kogi State, Rivers State, Anambra State, and Edo State.
- v. Creation of market for sorted waste streams (particularly by the private sector) will encourage source segregation and resource recovery activities in the country.

- vi. Environmental auditing must be promoted to ensure compliance with set standards, with strict timeframes to most compliance measures.

RECOMMENDATIONS

The Forum made the following recommendations:

1. The need to institutionalize the proposed multi-stakeholder partnership to ensure trust across the three major stakeholder groups.
2. Stakeholders should adopt a loss-leader approach towards practical and proactive steps in providing innovative technologies, capacity building and requisite funding.
3. The need for the establishment of a Centre for Waste Management; as well as formation of waste management interactive networks/clubs for sustained technical exchange.
4. Appropriate funding (by government and private sector stakeholders) is required to incentivize/facilitate needed academic research/data development (buy patent right to research findings) for a broader scope to waste management.
5. Academia should consider advertising research findings to industries and the government; and also initiate/coordinate relevant research findings and data development, while government/industries should be willing to legislate and/or implement same.
6. The government as a key driver should demonstrate sufficient political will to initiate and enforce waste management best practices.
7. LAWMA's synergy with the academia for comparison and exchange of existing data and research findings; and to explore possibility of applying such outcomes for development of relevant policies and technologies.
8. Stakeholders should support sustained interaction/feedback mechanism in the intended multi-stakeholder partnership, for the harmonization and application of available data (e.g. an online interactive group).
9. Government should be willing to provide enabling policies, and other infrastructural support as will guarantee return on investment and promote viability of the recycling market.
10. Stakeholders interested in recycling/resource recovery business should forward an expression of interest to LAWMA and will be guided through the project procurement process.