



**COMMUNIQUÉ ISSUED AT THE END OF  
2018 MEGA NATIONAL ENGINEERING CONFERENCE OF THE AUTOMOTIVE  
AND LOCOMOTIVE ENGINEERS' INSTITUTE (AutoEI)**  
Held at Academy House, Lateef Jakande Road, Ikeja, LAGOS State-NIGERIA  
on the 10<sup>th</sup> – 13<sup>th</sup> APRIL, 2018.

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The **Automotive and Locomotive Engineers' Institute (AutoEI)**, a Division of the Nigerian Society of Engineers (NSE) led by Engr. Zamani Ishaya-WAIDUNG FNSE, FAutoEI FNIMechE held its **2018 MEGA National Engineering Conference** on the 10<sup>th</sup> to 13<sup>th</sup> APRIL, 2018. The theme of the Conference “**THE MULTI-MODAL APPLICATIONS OF AUTOMOTIVE ENGINES IN MOBILITY-MASS TRANSPORTATION AND LOGISTICS IN NIGERIA: Responsibilities, Challenges, and Opportunities**”. The Conference was held under the **CHAIRMANSHIP** of the **NSE President** - Engr. Adekunle Olumuyiwa **MUKUOLU** FNSE at Academy House, Lateef Jakande Road, Ikeja, LAGOS State – NIGERIA. The National Executive Committee members of the Nigerian Institution of Marine Engineers and Naval Architects, the Aeronautical Division, Ota and Lagos Branches of NSE were present as Collaborators.

**The President** of the Council for the Regulation of Engineering in Nigeria (**COREN**) - Engr. Kashim S, **Ali** FNSE FAEng mni was the **SPECIAL GUEST of HONOUR**. The Conference had in attendance many dignitaries including the Immediate Past President of NSE Engr. Otis O.T Anyaeji FNSE FAEng, FAutoEI, the Immediate Past National Chairman of AutoEI Engr. A. I. Okolo FNSE FAutoEI, the President Nigerian Academy of Engineering – Engr. (Mrs) Joanna Olu Maduka FNSE FAEng, the Group Managing Director (GMD) of the NNPC Engr. Maikanti Baru FNSE, the Director General- National Automotive Development and Design Council (NADDC), the Managing Directors of Nigerian Railway Corporation (NRC), Aero-Contractors Airline, Peugeot Automobile Nigeria (PAN), National Chairman NIEEE as were represented. Others in attendance were the Vice Presidents of the NSE, Engr. J. O. Akinteye FNSE FAutoEI, Engr. (Dr.) Mrs Edith Y. Ishidi FNSE, Engr. A.A. Rabi FNSE - former NSE Vice President, Modern Mechanics Technicians Association of Nigeria (MOMTAN) State Chairman Alh. M. A. Arowolo for Lagos State and Teams from Ministry of Transportation, Ministry of Industry, Trade and Investment, Ministry of Science and Technology. Also, in attendance are many dignitaries, presenters and participants from government, industry, academia, private sector and the general public. The Conference received many technical papers on the theme and sub-themes of this conference and goodwill messages were delivered. There were technical visits to the Aero-Contractors and NRC managements, the hanger and the workshop. Exhibitions were held, all through the conference period.

The Conference had several professional papers presentations, Expert panel discussions and exhaustive deliberation at the strategic discussion group. The Conference closed with the following resolutions:

1. Considering the broad scope of the word "automotive", the National Automotive Policy and Plans driven by the NADDC should be reviewed to incorporate sections relevant to aeronautic, aerospace, Unmanned Automotive Vehicles (UAVs)/ drones, locomotive, and marine vehicles along all segment of the value chain to fully harness existent indigenous competence including the economic potentials.

2. The Federal Ministry of Transportation should establish national policy to strictly position rail and water transportation as the preferred intra-country/In-land cargo transportation modes, to optimize these modes and further secure related infrastructures. The AutoEI supports the proposed Nigerian Transport Commission bill in the National Assembly.
3. The Federal Ministry of Power, Works and Housing should include into the national power policy the availability of electricity to transport infrastructure to drive mobility vehicles. In addition, Town Planners and Architects through the ministry should make provisions for multi-floor private vehicle Parks in proximity to public centres like markets, ports, transport Inter-changes among similar facilities to support ease and optimization of traffic. Also, the reintroduction of weight bridges on major linked roads are required to ensure strict compliance with design specifications, operation guidelines among other parameters to further secure national automotive infrastructure like roads, bridges, tunnels, garages, motor parks etc.
4. In light of current national population explosion and trends, new national standards need be established by the Standard Organisation of Nigeria (SON) and other stakeholders on automotive infrastructure and vehicle operations to incorporate the principles of multimodal transport integration. There should be Pedestrian link from the air or sea ports to its nearest Transport Interchanges - A case in reference is the Ikeja airport and it's Transport Interchange in Lagos State.
5. Government at all levels should consider providing Enabling environment with funding to encourage private sector led evolution of:
  - a. engineering infrastructures like machine tools, foundry, machining, metal pressing, forges, structural/flat steel, engineering plastics and,
  - b. tyres, batteries, silencers, automotive operations infrastructure like garages, and multi-level motor parks with AutoEI setting standards.

For: **Automotive & Locomotive Engineers Institute (AutoEI)**



**Engr. Zamani Ishaya-WAIDUNG.** FAutoEI FNIMechE FNSE  
**National CHAIRMAN**  
13<sup>th</sup> April, 2018.