

Date: 14th October, 2025

The Executive Vice Chairman/CEO

National Agency for Science and Engineering Infrastructure (NASENI)

Idu Industrial Layout F.C.T, Abuja

**LETTER OF ENDORSEMENT FOR NASENI COMMERCIALIZATION RESEARCH GRANT  
PROPOSAL**


I am pleased to formally endorse the research proposal titled: **"Development of an Affordable Solar Photovoltaic Powered Vehicle-Trailed System for Rice Threshing Machine for Off-Grid Farming Communities"** submitted by Engr. Dr. Oluwasegun Owolabi, Chief Engineer, National Engineering Design Development Institute (NEDDI), Nnewi. The proposed project is innovative and aligns strongly with NASENI's mandate of promoting indigenous technology development, renewable energy utilization, and commercialization of locally engineered solutions for national industrial growth. The research addresses a critical challenge in Nigeria's agricultural mechanization and energy sectors by integrating solar photovoltaic technology into post-harvest processing machinery for rural farmers, especially in off-grid communities.

This project has the potential to enhance food security, promote rural industrialization, and reduce dependency on fossil fuels through sustainable energy deployment. The concept also reflects the priorities of Nigeria's Agricultural Promotion Policy, Renewable Energy Master Plan, and Sustainable Development Goals (SDGs 2, 7, 8, and 9).

I therefore strongly recommend this proposal for consideration and support under the NASENI Commercialization Research Grant Programme. I am confident that the successful execution of this project will contribute significantly to national development and local content advancement in renewable energy-driven agro-mechanization.

Please accept the assurances of my highest regards.

Yours faithfully,



Engr. Dr. Icheke Linus

Director of Manufacturing Services

National Engineering Design Development Institute (NEDDI), Nnewi



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