

Advanced Manufacturing Technology Development Institute
(AMTDI) Jalingo, A Division of National Agency for Science and
Engineering Infrastructure (NASENI).
31/10/2025.

The Grant Committee,
NASENI Research Commercialization Grant (NRCG),

**Subject: Letter of Intent to Collaborate with AMTDI and Apply for Grant Support for the Project
“Design and Construction of a Rice Threshing Machine”**

Dear Sir/Ma,

I am writing to formally express our intent to collaborate with the Advanced Manufacturing Technology Development Institute (AMTDI) in the implementation and commercialization of the project titled “Design and Construction of a Rice Threshing Machine.”

This project aims to develop and produce an efficient, low-cost, and locally fabricated rice threshing machine to address the persistent post-harvest challenges faced by small and medium-scale rice farmers across Nigeria. The innovation seeks to promote local industrialization, reduce post-harvest losses, and enhance agricultural mechanization in alignment with NASENI’s mandate on indigenous technology development.

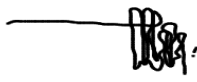
In partnership with AMTDI, we intend to seek grant funding or institutional support to enable large-scale production, field demonstration, and nationwide deployment of the machine. The collaboration will leverage AMTDI’s advanced manufacturing infrastructure and technical expertise to ensure quality assurance, standardization, and long-term sustainability of the project.

we believe this partnership will significantly contribute to Nigeria’s food security objectives, rural empowerment, and local content advancement, while generating employment opportunities in the agricultural and fabrication sectors.

Please consider this Letter of Intent as a formal expression of my commitment to work collaboratively with your esteemed institution toward achieving the stated goals. We look forward to further discussions on the modalities for partnership, project implementation, and potential funding opportunities.

Thank you for your consideration.

Yours faithfully,

 30/10/2025

Engr. Adamu Hassan Abubakar

On behalf of the Team