

MEMO

Date: 10th September, 2025

To: Coordinator, NASENI Research Commercialization Grant Program

Ref.: PEDI/AD/PP/11/1/10A

Subject: ENDORSEMENT OF RESEARCH PROJECT PROPOSAL FOR A DEHYDRATOR

I am pleased to write this letter to officially endorse the research proposal titled; “Development and Commercialization of a Dehydrator,” which was submitted by the Principal Investigator (PI), Engr. Dr. Bola-Popoola Abimbola Gbolahan.

2. The proposal is seeking funding to develop, design, and commercialize a high-precision dehydrator machine for food processing. The machine is primarily used for the preservation of food, fruits, vegetables, herbs, and nuts, meats, etc., by removing moisture content without degrading the constituent elements. The technologies prevent spoilage by allowing off-season storage and sales at premium prices. Economically, a food dehydrator drives growth by creating jobs in processing industries, supporting smallholder farmers and SMEs, and fostering agro-based enterprises. Nigeria’s agriculture sector has faced significant challenges from post-harvest losses estimated at \$9 billion annually, with fresh produce losses reaching up to 50% due to inadequate preservation and techniques, reducing farmer incomes, food insecurity and increased reliance on imports, exacerbating economic pressures and rising inflation. The proposed dehydrator will address the aforementioned challenges, improve efficiency over traditional drying methods and support rural communities, and also cut down drying time.

3. Please be assured that the technical know-how of personnel and the logistics required for the success of the project are available within the Institute (PEDI) and her technical partner collaborators.

4. I confirm that the project is feasible, marketable and profitable and hereby recommended to the NASENI Research Commercialization Grant Program for funding.



Mr. Ahmed Olaoye HAMZAT
Overseeing Officer
PEDI, Ilesa