



Republic of the Philippines  
**OFFICE OF THE SECRETARY**  
Elliptical Road, Diliman  
1100 Quezon City

**SPECIAL ORDER**

No. 168

Series of 2023

**SUBJECT: CREATION OF TECHNICAL WORKING GROUP FOR THE  
DETERMINATION OF THE LEVEL OF MECHANIZATION IN RICE, CORN,  
AND SUGARCANE**

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In the interest of service, a **Technical Working Group (TWG)** is hereby created to facilitate determination of the **level of mechanization/mechanization index (MI) for rice, corn, and sugarcane**. The computed level of mechanization will be used as an indicator for the level of mechanization in the country.

The TWG shall be composed of the following representatives from various government offices and shall have the following functions:

**I. Composition**

- Chairperson** : Engr. Ariodear C. Rico  
*BAFE, Director*
- Members** : Dr. Rossana Marie C. Amongo and team  
*UPLB, CEAT*
- Dr. Hernaiz G. Malanon and team  
*DA, PHilMech*
- Dr. Elmer G. Bautista  
Dr. Jasper G. Tallada  
*PhilRice*
- Ms. Riciena Louise Z. Bulingot  
Ms. Venina Gelyn Y. Chua  
*National Corn Program*
- Engr. Laverne C. Olalia  
Engr. Patricio R. Macamos Jr.  
*Sugar Regulatory Administration*
- Engr. Francia M. Macalintal  
*Philippine Council for Agriculture and Fisheries*
- Engr. Cristy Cecilia P. Polido and team  
*BAFE, PPMD*
- Secretariat** : Engr. Emer-Rose G. Asug  
Engr. Benjamin S. Baradi II  
Engr. Abigail R. Barredo  
*BAFE, PPMD*

## II. Functions

The TWG shall have the following functions:

1. Collect and share existing office information and undertake review and assessment of existing methods of computation of MI of rice, corn, and sugar;
2. Harmonize the varying considerations, methodologies, data capture forms, etc. of the gathered methods of computation to come up with a uniform protocol of MI computation;
3. Initiate gathering of pertinent data that will be used in the computation of rice, corn, and sugarcane MI which includes national inventory of machinery used in rice, corn, and sugarcane production, total area of arable lands used, specifications of the machinery, among others;
4. Identify mechanization gaps and machinery requirements in the rice, corn, and sugarcane production systems; and
5. Provide policy recommendations to attain the target level of mechanization in the rice, corn, and sugarcane production systems.

All expenses to be incurred in the performance of the functions of the TWG such as travelling expenses and other incidental expenses shall be chargeable against their respective office funds, subject to its availability and counting and auditing rules and regulations.

This order shall take effect immediately and shall remain in force until revoked in writing. All orders and other issuances inconsistent herewith are deemed revoked.

Done this 15<sup>th</sup> day of February 2023.

  
**DOMINGO F. PANGANIBAN**  
Senior Undersecretary



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