



Republic of the Philippines
House of Representatives
Constitution Hills, Batasan Complex, Quezon City

NINETEENTH CONGRESS
First Regular Session

House Bill No. 2017



Introduced by Representatives **EDDIEBONG G. PLAZA** and
ALFEL M. BASCUG

Explanatory Note

Section 5, Article XIII of the 1987 Constitution mandates the State to support the agriculture sector through appropriate technology and research, and adequate financial, production, marketing, and other support services.

The country is an agricultural country where the majority of the Filipinos in the rural areas depend for subsistence on agricultural activities. It is one of the biggest sources of income and employment; however, its contribution to the national economy is declining. Its minimal and underwhelming contribution can be well attributed to the lack of complete, real-time data on agricultural products available at the barangay level and inadequate support for marketing linkages to small farmers.

To address the aforementioned concerns, this measure proposes to harness the potential of the Municipal Agriculture Information System (MAIS), first conceptualized and implemented in Mina, Iloilo, which provides an up-to-date inventory of all agricultural commodities in the local government unit (LGU) and affording to all ready and all-time access to a commodity's real-time supply and production level. This bill seeks to establish the Agriculture Information System (AIS) in all cities and municipalities to create one centralized database under the Department of Agriculture linking all systems to consolidate the planning, production and distribution processes of all agricultural products.

This legislation was resoundingly approved by the House of Representatives in the 18th Congress. This is refiled for the consideration of the present 19th Congress.

In view of the foregoing, the approval of this measure is earnestly sought.

ALFEL M. BASCUG
1ST District, Agusan del Sur

EDDIEBONG G. PLAZA
2ND District, Agusan del Sur



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**AN ACT ESTABLISHING THE AGRICULTURE INFORMATION SYSTEM IN ALL
CITIES AND MUNICIPALITIES**

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

SECTION 1. *Short Title.* – This Act shall be known as the “Agriculture Information System Act.”

SECTION 2. *Declaration of Policy.* – It is the policy of the State to uplift the socio-economic conditions of farmers and farming communities nationwide to promote their welfare and empower their sector in the overall development and progress of the country. Pursuant to this, an integrated, computerized, web-based agricultural commodity supply inventory and registry system linking farmers and organized communities all over the country need to be established to provide easy-to-access local and global real-time information for agricultural commodities, with an end view of creating a wider range of market linkages among farmers and agricultural buyers. Furthermore, through a synchronized agriculture information system, the National Government shall have access to real-time agricultural information which can rationalize the objectives and policy directives in the agricultural sector.

SECTION 3. *Objectives.* -This Act aims to attain the following objectives:

- a. Provide an up-to-date database of agricultural and fisheries products in a locality;
- b. Fosters information sharing between farmers and potential buyers of agricultural and fisheries products;
- c. Secure a market for agricultural and fisheries products and ensure the appropriate return of investment for farmers and fisheries stakeholders;
- d. Allow local government units to manage a secure and independent platform that creates linkages for farmers and fisheries stakeholders;
- e. Provide data on specific commodities that are readily available in a particular locality for purposes of production monitoring to meet the demands of the market;
- f. Provide a secure, transparent, and independent modern web application that may be accessed anytime by the public through multi-platform support or cross-platform support devices which can be linked to existing systems in the Department of

- Agriculture (DA);
- g. Streamline training and seminars in the management of the operations;
 - h. Monitor the use of inputs given by producers, buyers, and other segments of the value chain including information during post-harvest and processing; and
 - i. Ensure that all forms of assistance given to local government units (LGUs), registered cooperatives, and other qualified individuals and organizations are monitored.

SECTION 4. *Agriculture Information System.* – All cities and municipalities are hereby mandated to establish an Agriculture Information System (AIS), hereinafter referred to as Information System. The AIS shall serve as a dynamic online computer database where information on the demands for specific agricultural and fisheries commodities is gathered and uploaded simultaneously with the production data from farmers in every barangay. The AIS shall merge and synchronize agricultural data from different sources into a cohesive database designed to facilitate and also be integrated with existing systems of the DA.

The Information System shall have the following features and contents:

- a. Municipal and city-wide identification of individual farmers, fish breeders, and fisherfolk as well as qualified organizations which produce specific farm and fisheries products, regardless of quantity;
- b. Crop harvest, volume, and type forecasting;
- c. Inventory of specific classification of crop varieties planted, livestock, and type of fish raised in a particular LGU;
- d. Farmers' and fisherfolk demographics, including age group, gender, ethnic group, income, seminars, training attended, and assistance received;
- e. Selected reports presented in both tabular and graphical form;
- f. Registered farmers' contact details and farm location to facilitate market linkages;
- g. Search engine which allows farmers, fish breeders, and fisherfolk to look for potential and actual buyers and for such buyers to search for farms, farmers, and available agricultural and fisheries products; and
- h. Customizable dashboard which is accessible only to registered farmers and fisherfolk clients and contains the farmers' and fisherfolk's profiles such as the area of the farm, or fishpond, crops planted, livestock, and type of fish raised.

SECTION 5. *Registration.* - All cities and municipalities shall encourage and facilitate the free registration of all farmers, fisherfolk, as well as buyers transacting within their respective areas in the Information System.

SECTION 6. *Functions and Responsibilities of Cities and Municipalities.* - The LGU shall exercise the following functions and responsibilities:

- a. The Municipal Agriculture Office, in coordination with the Municipal Agrarian Reform Office, shall gather, encode, and consolidate all pertinent data on the profile and demographics of farmers, fisherfolk as well as buyers;
- b. Monitor and control farm inputs including machinery and equipment;
- c. For municipalities and component cities, prepare and submit real-time data under (a) and (b) to the provincial agricultural office and the respective regional offices of the DA;
- d. For highly urbanized cities, submit real-time data to the respective regional offices of the DA;

- e. Establish farmer and buyer linkages and act as a gatekeeper at the city or municipal level in the nationwide marketing of agricultural products; and
- f. Serve as the web administrator at the municipal or city level and be responsible for integrating farm and fisheries locations into the geographic integration system map.

SECTION 7. *Functions and Responsibilities of the Province.* – The provincial government shall have the following functions and responsibilities:

- a. The Provincial Planning and Development Office (PDDO) is the web administrator at the provincial level and is responsible for integrating farm and fisheries data into the geographic integration systems maps for agriculture and fisheries;
- b. The Local Economic and Investment Promotion Office (LEIPO) acts as the lead administrator of the AIS at the provincial level and ensures the balance between supply and demand;
- c. The Provincial Agricultural Office monitors the submission of reports from municipalities and component cities, and ensures the completeness, accuracy, and validity of data submitted by the Municipal Agricultural Offices and the Municipal Agrarian Reform Offices; and
- d. Except for highly urbanized cities, prepare and submit such data to the regional office of the DA.

SECTION 8. *Functions and Responsibilities of the Regional Office of the DA.* – The regional office of the DA shall have the following functions and responsibilities:

- a. Integrate the data provided by the provinces and highly urbanized cities in the existing information systems of the DA such as the National Farmers and Fisheries Information System (NFFIS) which is the a web-based data collection system that serves as a platform for updating the Registry System for Basic Sectors in Agriculture (RSBSA);
- b. Collaborate with regional offices of the Department of Trade and Industry (DTI) to facilitate the availment of the various programs of the DTI as well as strengthen market linkages through such programs;
- c. Recommend to the central office of the DA appropriate interventions in the form of marketing, importation, and training assistance, as may be needed;
- d. Validate the data from the LGU acting as the system administrator at the regional level and provide a real-time report to the central office of the DA; and
- e. Endorse for financial assistance the qualified fifth and sixth class municipalities that can be given assistance and maintain their respective AIS.

SECTION 9. *Functions and Responsibilities of the Central Office of the DA.* – The central office of the DA shall have the following functions and responsibilities:

- a. Allocate funding for the integration of the AIS with existing information systems;
- b. Coordinate with the Department of Information and Communications Technology (DICT) to upgrade, expand, and integrate its information systems;
- c. Ensure that the implementation, appropriate verification processes, and information safeguards are in place under existing laws and regulations, in coordination with the DICT, Philippine Statistics Authority (PSA), National Privacy Commission (NPC), Department of the Interior and Local Government (DILG) and the Department of Science and Technology (DOST);
- d. Approve the prioritized interventions for the creation of market linkages in the domestic and international markets; and

- e. Provide safety nets in the import and export of agricultural products to support farmers.

SECTION 10. *Duties of the Secretary* - The Secretary of the DA shall monitor and ensure the compliance of all cities and municipalities as provided for under this Act and shall, as soon as practicable, establish a centralized AIS that shall integrate and link all existing information systems in the country.

SECTION 11. *Reports*. - The Secretary of the DA shall prepare and submit to the President and both Houses of Congress an annual report on the implementation of the program which shall contain a list of accomplishments and recommendations for improvements.

SECTION 12. *Implementing Rules and Regulations*. – Within ninety (90) days after the effectivity of this Act, the Secretary of Agriculture shall promulgate the necessary rules and regulations and regulations for the effective implementation of this Act.

SECTION 13. *Appropriations*. – The Secretary of Agriculture shall include in the Department's programs the establishment of the integrated and centralized AIS, the funding of which shall be included in the annual General Appropriations Act. The LGUs shall provide the necessary for the establishment of an AIS in their respective annual budgets.

SECTION 14. *Separability Clause*. -If any provision of this Act is declared invalid or unconstitutional, the other provisions not affected by such declaration shall remain in full force and effect.

SECTION 15. *Repealing Clause*. -All laws, presidential decrees, executive orders, rules, and regulations, or parts thereof which are inconsistent with the provisions of this Act are hereby repealed or modified accordingly.

SECTION 16. *Effectivity*. - This Act shall take effect fifteen (15) days after its publication in the Official Gazette or in a newspaper of general circulation.

Approved,

