



INTER-AMERICAN INSTITUTE FOR COOPERATION IN
AGRICULTURE (IICA)

CENTER FOR KNOWLEDGE MANAGEMENT AND
HORIZONTAL COOPERATION



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2021

STRENGTHENING OF THE BRAZILIAN AGRICULTURAL PROTECTION SYSTEM

Development of the Agricultural Management Platform (PGA)



CHALLENGE ADDRESSED

As part of the strategic focus on the modernization and debureaucratization of Brazil's Agricultural Protection Plan, the issues addressed are in relation to accelerating the transformation of the Secretariat of Agricultural Protection (SDA) into a results-oriented organization, seeking to satisfy clients' needs through efficient and effective governance. The main strategic initiatives to be executed under this area of focus are:

- new administrative support instruments, aimed at achieving results;
- institutional adjustments and new organizational units; and
- the development of the PGA.

The purpose is to promote and implement agricultural protection programs and actions that will contribute to sustainably developing Brazilian agroindustry, in a bid to preserve life, human and animal health, the environment, food security and market access.

GENERAL INFORMATION

Project name:

Strengthening of the
Brazilian Agricultural System

Regions involved: Brazil

Supported by: IICA

Executing agencies:

Ministry of Agriculture,
Livestock and Food Supply of
Brazil

Status: Ongoing

Duration: from 12/2013 to
12/2022

IICA PROGRAMS



Agricultural Health, Safety
and Food Quality

SUSTAINABLE DEVELOPMENT GOALS



[Project link](#)

TOWARDS A SOLUTION

The PGA is seeking to ensure the food security of the Brazilian population, to generate income and employment, as well as to reduce social inequality, which will necessitate researching, planning and formulating public policies, guidelines and strategies to assist the administration of the Ministry of Agriculture, Livestock and Food Supply (MAPA) to fulfill all its responsibilities to Brazilian society. This project addresses Sustainable Development Goal 12: responsible production and consumption.

The PGA aims to administer and provide information about different sectors of Brazilian agroindustry, through a single database (BDU in Portuguese), which facilitates the management of strategic issues.

The intention is to improve the existing modules of the platform, by introducing more modern technological systems, as well as to incorporate the administrative systems of the Plant Health Department to monitor and enable traceability of products that pose a risk for the spread of diseases, by way of the plant transportation management module.

Moreover, the goal is to also create a single information channel in the databases of the administrative systems of the other SDA departments and coordination offices, in order to avoid contradictory or repeated information in the records. This will streamline the search for information from MAPA, the cross-checking of information among different systems and the interconnection between different stages of the agricultural chain, while also providing greater transparency and credibility to agricultural protection activities and facilitating analysis of emerging problems and strategic decision-making.

At the end of 2014, the Brazilian Agriculture and Livestock Confederation transferred the PGA to MAPA. In addition to the BDU, the platform also included the management systems of the Department of Inspection of Animal Products, the Department of Animal Health and the Coordination Office of Traceability Systems, with respect to the management information service modules of the Federal Inspection Services, animal movement and traceability.

In addition to providing information about the agriculture sector, such as the number of animals in each Federal division (states and municipalities), the PGA will enable the controlled use of unique identification codes for different animal species and will facilitate individual traceability of cattle. Producers will be able to conduct a search on the data platform about the area of their properties, the inventory of animals, entry and exit transit documents and the vaccines that have been administered.

The PGA's BDU system allows MAPA to efficiently manage agricultural protection, through strategic planning and public policies that are designed to achieve its institutional mission, as well as to guarantee food security, in addition to generating employment and income, thereby reducing social inequality.

Moreover, the PGA enables the integration of information from diverse sources to contribute to the efficient management of agricultural protection, thus facilitating food trade at the national and international levels. It also contributes to food security and to animal and plant disease control. The PGA can be replicated and could therefore serve as a model for other countries.

MATERIAL PRODUCED

Resource	Title	Year	URL
Document	Technical cooperation project “Strengthening of the Brazilian Agricultural Protection System”	2018	http://repositorio.iica.int/bitstream/handle/11324/7979/4269-00.pdf?sequence=1