

JOINT ACTIONS TO UPDATE THE PROVINCIAL IRRIGATION AND DRAINAGE PLAN OF THE  
DECENTRALIZED AUTONOMOUS GOVERNMENT OF THE PROVINCE OF GUAYAS AND THE  
DEVELOPMENT OF PRIORITY TECHNICAL INSTRUMENTS FOR STRENGTHENING AND EXERCISING  
COMPETENCE IN ECUADOR.



**Code: 5100-00**

**Country: Ecuador**

**Starting year: 2020**

**Year completed: 2022**

## Objective

Develop joint actions with the Guayas Provincial Decentralized Autonomous Government and its Provincial Directorate of Irrigation, Drainage, and Dredging to update its Provincial Irrigation and Drainage Plan and develop priority technical instruments to strengthen and exercise its authority.

## NBS ANSWERS

### How has IICA integrated NbS into its projects?

Identify and implement new agricultural practices that reduce water consumption in the production process and improve agricultural yields (SICA in rice).

### What lessons learned can you share about working with farmers to implement NbS?

There is interest in learning about new methodologies that are more responsible toward the environment and the ecosystem. The methodological process works; however, post-technical assistance support and follow-up are necessary to ensure better adoption of the methodologies by farmers, as there is evidence that they do not always continue with the practices they have learned and revert to traditional processes.

### What examples of innovation in NbS can you share from your experience at IICA?

Implementation of the SICA methodology in rice, reduction of water consumption in cultivation and production.

### How do you promote education and training on NbS among farmers?

Through complementary projects, actions such as field days are carried out to maintain interest in agroecological practices.