

# Livestock systems with low emissions of greenhouse gases in Central America

COSTA RICA / HONDURAS / NICARAGUA / PANAMA

 Webstory



## The technological solution

Farms intensification based on feeding management and animal load enhanced productivity and lesser GHG emissions.



## Description

Análisis de emisiones de gases de efecto invernadero (GEI) y la rentabilidad de las fincas ganaderas con posterior estimación experimental de los factores de emisión de óxido nítrico y metano acorde al manejo de las fincas en cada región.



## Results

More intensified farms tended to greater productivity and therefore lower GHG emissions. It is necessary to focus on strategies that favor the improvement of diet and productive practices, such as the use of biodigesters that not only collaborate with the reduction of emissions but also propose an alternative use of energy.

**400**

Farms for CO<sub>2</sub> base line quantification

**74**

Professionals trained

**7**

Undergraduate and graduate level thesis

## ABOUT FONTAGRO

FONTAGRO is a unique cooperation mechanism for agricultural innovation in Latin America and the Caribbean (ALC) and Spain, that works through regional platforms. It is composed of 15 countries that have contributed capital exceeding 100 million dollars and the Inter-American Development Bank (IDB), which is its legal representative.

### ORIGIN OF RESOURCES



**Counterpart contribution**  
93.177.555

**FONTAGRO**  
28.989.468

**IDB**  
9.922.700

**Other agencies**  
9.809.078

### PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



### FONTAGRO IN NUMBERS

**193** Number of projects approved

**141.9** Approved total amount US\$  
MILLONES

**9.8** Contribution from other agencies  
MILLONES

**32** Benefited countries

**63** Generated technologies

**15** New technologies for ALC

**8** Technology of global relevance

### MEMBER COUNTRIES

