

Latin America and The Caribbean working in dairy sustainable intensification - LACTIS

URUGUAY, ARGENTINA, COSTA RICA, CHILE, ECUADOR, HONDURAS, NICARAGUA, PANAMA, PARAGUAY, DOMINICAN REPUBLIC, VENEZUELA

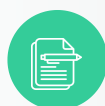


Webstory



Technological solution

The 'Dairy Systems Simulation Model' and the 'Dairy Monitor 2' were developed to evaluate sustainable dairy intensification strategies in LAC. These tools allowed to model each country's baseline systems, and propose and validate improved scenarios assessing the physical, economic, social and environmental impacts of these changes.



Technological description

With the LACTIS Project, a cooperation platform was developed that allowed to establish a baseline, develop indicators to characterize the systems, develop and validate improved systems, and at the same time strengthen the capacities of field technicians and researchers and disseminate knowledge.



Impacts and results

- Regional dairy production systems baseline establishment, through the classification and description of the production systems in 11 countries from LAC.
- Selection of improved strategies for sustainable intensification through the agreed selection of key performance indicators of biophysical, economic, social and environmental performance.
- Simulation of sustainable intensification strategies in each county by developing and adapting the 'Dairy systems simulation model' applicable to LAC dairy systems.
- Development and validation of improved systems in 17 pilot farms.
- Start-up of a farmlet study at INTA Rafaela (TAMBO ROCA 2030 Project).
- Capacity building of 450 field technicians and 200 farmers.



17

validation farms



391.152

Farmers indirectly benefited



650

Downloads of modelling tool



+ 70 %

dairy systems analysed



24

sustainability indicators



227

Downloads of modelling tool

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