

Carbon sequestration opportunities in soils in Latin America and the Caribbean

URUGUAY / ARGENTINA / CHILE / COLOMBIA / COSTA RICA / UNITED STATES

 Webstory



The technological solution

Identify carbon sequestration opportunities and quantify their impact on net greenhouse gas emissions and on the economic performance of commercial farms. The objective is to identify and evaluate intensification strategies for agricultural production systems with the potential to mitigate and adapt to climate change



Description

Workshops will be held to build capacity in: i. developing methodologies and techniques for determining soil organic carbon stocks; ii. designing sampling strategies to quantify stock changes at regional and national scales; and iii. building capacity for the use of carbon simulation models



Results

A multi-agency platform has been formed among five LAC countries which, through technical cooperation, is developing a joint work plan for the development of a soil carbon stock database that will allow the preparation of Tier 2 tables. At least one carbon sequestration opportunity for each country will be identified and its impact on both net greenhouse gas emissions and economic performance on commercial farms will be quantified. Workshops will be held to build the capacity of local technicians to monitor the evolution of the COS stock for a given land use and management, as well as training for technicians from the countries of the multi-agency platform in the use of soil organic carbon stock simulation models

3

Training workshop

+30

Technicians trained in the process

5

Carbon sequestration opportunity

5

Data base

+624

sampling sites

+1800

samples to analyze

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

