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Climate Technology Transfer Mechanisms and Networks in LAC

The development of environmentally sound technologies (EST) to reduce the vulnerability to climate change is necessary but not sufficient to impact the agricultural sector: capacity building, transfer mechanisms and networks are also required.

United States / Argentina / Costa Rica / Mexico / Bolivia / Chile / Colombia / Dominican Republic / Honduras / Nicaragua / Panama / Paraguay / Peru / Spain / Uruguay / Venezuela

35
experts consulted

22
crops analyzed

23
innovations identified

The need for Environmentally Sound Technologies

The implemented initiative

The project –supported by the GEF and FONTAGRO- focuses on creating, expanding, and strengthening networks and outreach activities to promote the development and transfer of Environmentally Sound Technologies (EST) in LAC's agricultural sector. Key activities included mapping of regional expertise on EST; technical assistance via a competitive call for proposals; a regional competition on EST for family farming adaptation; workshops; capacity building and on-line information and publications.

Capacity building and joint work: drivers of EST

The technological solution

Diversity and socio economic differences in the various sub regions of LAC do not allow for simple linear solutions to the actual and potential impacts of climate change in the agricultural sector. Multi-prong approaches in technology development, capacity building and transfer mechanisms are also necessary. In this context, the program contemplated not only south-south cooperation in technology validation and adaptation, but also a strong push in training, knowledge management and information dissemination.

Workshops and conferences to present and discuss results, webinars, roadmaps to define priorities and collective actions, policy papers, review of significant topics like adaptation technologies to different ecologies or the future of animal production in the region, were enthusiastically undertaken by a large amount of stakeholders and interested parties.

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Results

- Eight international symposia and meetings, attended by 272 scientists from 23 countries, were carried out on Adaptation of Smallholder Agriculture to Climate Change.
- The project supported a database on expertise under AgriProfiles. It contains an inventory of 3,237 experts on EST.
- FONTAGRO, the MPI of New Zealand, the GEF and CATIE supported the "Latin American and Caribbean platform for sustainable intensification of livestock production" linking over 450 stakeholders from 25 countries .
- An overview of EST for adaptation of the agricultural sector to CC identified, in a participatory manner, a set of 23 technological innovations.
- A regional competition on EST for family farming adaptation selected the top 11 cases for publication.

Main donors

Participating Organizations