CATIE: A PARTNER IN RESEARCH, EDUCATION AND INCLUSIVE GREEN DEVELOPMENT

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As US Agriculture Secretary, Henry A. Wallace championed the creation of a Research and Education Tropical Agriculture Institute, aiming to catalyze agricultural-driven economic development across Latin America and the Caribbean.

As Vice President, Henry Wallace initiated the creation of the Agricultural Sciences Institute in Turrialba, Costa Rica. The institute's key objectives were:
- Land Use Planning
- Natural Resource Conservation
- Water Resource Management
- Environmental Accounting and Economics
- Advancement of Agribusiness Development

Graduation of the inaugural Master of Science cohort.

1940

1943

1947
REGIONAL MANDATE

- 13 member countries
- National offices

CATIE’S GOVERNANCE

Three governance bodies

1. Inter-American Board of Agriculture
2. Superior Council of Ministers (Agriculture Ministers of member countries)
3. Board of Directors.
CATIE is an international, private, non-profit organization headquartered in Costa Rica.

CATIE’s interventions aim at fostering transformational change in the agriculture sector through:

- Integrating
  - Impact oriented research
  - Education: master's degrees, doctorates, and training (diplomas, courses and trainings).
  - Outreach by scaling solutions in joint actions with countries and in alliances with key partners.
CATIE’s transition to blended education

- In-person scientific master's
- Virtual professional master’s
- Total
Academic Master’s Programs:
1. Agroforestry and Sustainable Agriculture
2. Tropical Forests Management and Biodiversity
3. Integrated Watershed Management
4. Economy, Development and Climate Change

Professional Master’s Programs (Virtual):
1. Integrated Watershed Management
2. Management of Agribusiness and Sustainable Markets
3. Sustainable and Regenerative coffee production
Capacity building

An average of 12,000 experts trained over the past decade in LAC countries by focusing on:

- Genetic improvement and agroforestry systems for coffee and cocoa
- Low-carbon livestock systems
- Climate-smart agriculture and water security
- Sustainable agribusiness
- Restoration of productive landscapes
- Economic valuation of environment and ecosystem services

In 2023, we implemented 240 training events, including diplomas, courses, and workshops, both virtual and in-person.

16,816 people trained

38% women  
62% men
# Study Abroad Programs

<table>
<thead>
<tr>
<th>University</th>
<th>Women</th>
<th>Men</th>
<th>Total</th>
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<tr>
<td>Nebraska State University</td>
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<td>19</td>
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<td>Georgia University</td>
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<td>Nicholls University</td>
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<td>Duke University</td>
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<td></td>
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<tr>
<td>Verto Education Spring 23</td>
<td>20</td>
<td>3</td>
<td>23</td>
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<td>Abeline Christian University</td>
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<td>4</td>
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<tr>
<td>Kentucky State Universtity</td>
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<td>Alabama A&amp;M University</td>
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<td>20</td>
<td>60</td>
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<tr>
<td>Verto Education Fall 23</td>
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<td>30</td>
<td>200</td>
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<tr>
<td>University of Toronto</td>
<td>40</td>
<td>10</td>
<td>50</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>414</strong></td>
<td><strong>216</strong></td>
<td><strong>630</strong></td>
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RESEARCH
Scientific platform enhanced by strategic global partnerships
Examples of key collaborations with institutions from the United States

<table>
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<th>Institution</th>
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<tbody>
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<td>University of Vermont</td>
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<tr>
<td>World Resource Institute</td>
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• Our research aims to translate discoveries into impactful contributions towards advancing the Sustainable Development Goals (SDGs) in Latin America and the Caribbean

• Our transdisciplinary approach engages external partners to create and implement innovative solutions addressing societal needs
Strategic research-development projects

2016
- Rainwater harvesting CADC

2017
- Secondary Forest IKI-Germany

2018
- Coffee and Cocoa research in 8 KOLFA CI in CA

2019
- Mangrove restoration Ecosystem based Adaptation IKI-Germany

2020
- Restoration with WRI in CA. Adaptation Fund

2021
- Adaptation to Climate Change. CADC and Cuba SIDA

2022
- Biodiversity in CA DEFRA UK
- Food consumption EU
- Model forest NSU CANADA. Second phase
Geographic distribution

- Regional research coffee program - Kolfalci
- Regional research Cacao program - Kolfaci
- Regional livestock low carbon prog - Mitigation Action Facility
- Food security and nutrition (PINN, rain-water harvesting)
- Forest - biodiversity and conservation
- Mangrove and blue carbon
- Environmental economics and agribusiness
- Adaptation to climate change (ESCALAR)
- Watershed and rain-water harvesting
STRATEGIC PROJECTS
In a priority landscape

- The Central American Dry Corridor
- Taking adaptation innovations to scale - SIDA
- Monitoring food security – European Union
- Ecosystem based adaptation – GIZ-IUCN-CATIE
- Landscape restoration - UK
- Sustainable water management - IDB
- Water Fund - IDB
- NAMA-Livestock – NAMA FACILITY
- AGRO-INNOVA – regenerative food production – IICA-European Union
- Water harvesting for Food Security - COSUDE
SCALING PROBED INNOVATIONS TO BUILD RESILIENCE IN THE CENTRAL AMERICAN DRY CORRIDOR (CA-DC)

• This four-year project (2022-2026) funded by Sweden, will address the negative impacts of climate change – drought aggravation and other extreme events - on the most vulnerable CADC communities

• This will be achieved using two main pathways and a cross-cutting inclusion and equity approach:
  • **PATHWAY 1.** Scaling Agricultural Innovations for Adaptation (rainwater harvesting and agroforestry in coffee and basic grains) using attractive business opportunities for rural youth as scaling mechanism.
  • **PATHWAY 2.** Ensuring an enabling environment (capacity development, governance and finance)
ESCALAR’s expected outcomes and progress 2022-2023

- **Multi-stakeholder platforms support the scaling up of AIA and the strengthening-creation of Rural Enterprises**
- **People identify benefits from implemented AIA**
- **Youth participate in the strengthening-creation of Rural Enterprises**
- **Key stakeholders are informed and possess the capacity to access financing**

- **435 families** (37% led by women) implement Agricultural Innovations for Adaptation (AIA).
- **870 individuals**, including 92 decision-makers, trained on the benefits of AIA.
- **149 young people** (41% women) trained in establishing and/or strengthening rural enterprises.
- **18 youth-led ventures** supported with seed capital and in the incubation process.
- **1 policy instrument** approved and 3 in the process of approval to promote the scaling up of AIA.
- **Funding mobilized** for the implementation of rainwater harvesting innovations.
Activa is part of the Forests and Biodiversity in Productive Landscapes Unit. Activa is a Laboratory that supports **entrepreneurship and innovation for rural development** and sustainable management of natural resources in Latin America and the Caribbean (LAC).

We integrate **advanced methodologies** for the development of innovations available to rural people.

We **facilitate networking** between actors interested in the rural sector, such as development banks, international cooperation, productive value chain actors, and investors, among others.
Portfolio

8 Ventures
2020 - $88,000
16 Ventures
2021 - $162,000
30 Ventures
2022 - $350,000
70 Ventures
2023 - $700,000
+100 Ventures
2024 - $1,000,000
Cooperation with Donors and the Private Sector
We look forward to discussing potential collaboration
Thanks!