



# SICA

Sistema de la Integración Centroamericana



## The Climate Smart Agriculture Strategy for the SICA Region (2018-2030)



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CLIMATE-SMART AGRICULTURE



# SICA

Sistema de la Integración Centroamericana



Guatemala, Belize, Honduras, El Salvador, Nicaragua, Costa Rica, Panamá and Dominican Republic



## Central American Agricultural Council



RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



UCI  
Universidad para la  
Cooperación Internacional

...Our partners



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# The process / relevant steps



Photos: K. Rodriguez, UCI

Technical workshops

High political level analysis and feedback

Ministerial level activities for analysis and feedback

# Challenges

Efficiency and sustainability

Rural entrepreneurship and innovation

Food security and nutrition

Biodiversity use and conservation

Extension Services improvement

K & I intensive farming systems

Resilience and adaptation

Agri-chain approach



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# Strategic action lines (1 of 3)

## Efficiency in production systems and sustainable livelihoods

Knowledge management

Integration of the CSA approach into the agri-food chains

Incorporation of CSA focusing on policies and family farming initiatives

Promotion of the use of climate-smart productive infrastructure



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# Strategic action lines (2 of 3)

## Integral Risk management and climate change adaptation

Capacity building for research, transfer and innovation for adaptation

K & I for agriculture risk management and adaptation

Promotion of risk transfer, distribution

Conservation and sustainable use of agrobiodiversity



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# Strategic action lines (3 of 3)

## Sustainable and low emission agriculture

Innovation in low carbon agriculture

Watershed approach

Clean energies in agricultural systems

Sustainable soil management



## Enabling Framework

Integration of CSA perspective in planning and monitoring

Financial mechanisms

Promotion of risk transfer, distribution

Gender equity and intergenerational inclusion

# Rationale: Need for enhanced coordination



<http://www.cac.int/agroclima>

- AGRO-CLIMATE PLATFORM modernization
- Capacity building on CSA to strengthen policies and decision making process for adaptation and mitigation actions
- Capacity building on policy development for sustainable agriculture and food security in the frame of CC
- Climate Change networking in SICA Region
- Agro Meteorology Program
- Trifinio / Climate Smart Territory
- CSA initiatives at country level
- Integrated Risk Management in the Agricultural Sector



# Leadership / Governance:

- Central American Agricultural Council
- Executive Secretariat of Central American Agricultural Council
- Technical Regional Committee (Core Group in terms of M&E)
- Technical Regional Working Groups

## With the support of:

- Regional and International Organizations



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