

CCAFS: Transforming agriculture and food systems under climate change



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



Planning & Evaluation Meeting of the NL-CGIAR Strategic Partnership
The Hague, Netherlands
21 June 2018

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CCAFS East Africa Regional Program Leader

An Introduction to CCAFS



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CCAFS is a **strategic global partnership** that seeks to develop and implement a uniquely innovative and transformative research program that addresses **agriculture and food security in the context of climate change**



CCAFS has Four Flagship Programs



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 **Priorities and Policies**
for Climate-Smart Agriculture

Climate-Smart
Technologies and Practices 

 **Low Emissions**
Development

Climate Services 
and safety nets

Gender & Social Inclusion

Partnerships and Capacity for Scaling CSA

CCAFS has Five Regional Programs



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West Africa

Ghana
Senegal
Niger
Mali
Burkina Faso

South Asia

India
Bangladesh
Nepal

Latin America

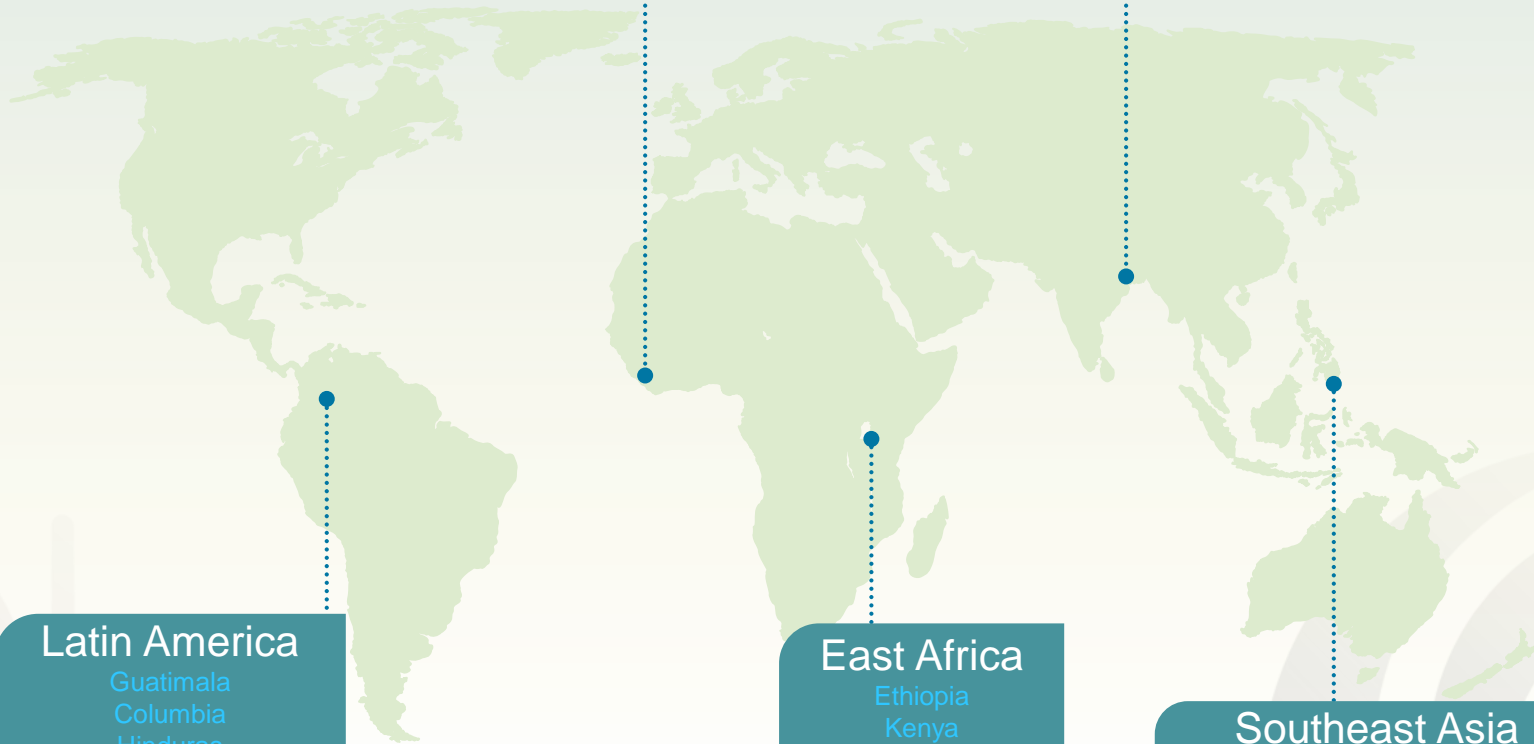
Guatemala
Colombia
Honduras
Nicaragua
El Salvador

East Africa

Ethiopia
Kenya
Uganda
Tanzania

Southeast Asia

Lao PDR
Cambodia
Vietnam



CCAFS' Dutch Partners



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CCAFS Program Management Unit (PMU) is hosted by Wageningen University & Research (WUR)

CCAFS also have partnerships with Government organizations, research institutions, NGOs and the private sector



Rabobank



Universiteit Utrecht



KIT Royal Tropical Institute

CCAFS and NL-CGIAR Priorities



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**Climate-smart
agriculture***

**Sustainable agri-food
value chains and
sectors***

**Genetic improvement
and propagation
materials**

**Agriculture for
nutrition and health**

****Knowledge domains for NL-CGIAR Strategic Partnership particularly addressed by CCAFS***

CCAFS achievements in 2016-2018

1

Research, analysis and engagement contributed to the **UNFCCC Koronivia agreement on agriculture at COP23 and to the ratification of the roadmap at Bonn** *E.g., **African Group of Negotiators (AGN)** – developed the African narrative for the Koronivia Joint Work on Agriculture and setting the stage for climate-resilient agriculture in Africa



The University of Vermont

UNIVERSITY OF
COPENHAGEN



wisat
women in global science & technology



 **CIAT**
International Center for Tropical Agriculture
Since 1967 Science to cultivate change



2

Climate-smart agriculture (**CSA**) research and **success of Climate-Smart Villages (CSVs)** helped **inform c. \$500 million in CSA investment** (e.g. more than \$250 million in CSA in Kenya and Niger by the World Bank and EU, as well as about \$46 million investment on SNV lead program of CSA for East Africa)



Government of the Netherlands



WAGENINGEN
UNIVERSITY & RESEARCH

SNV



Rabobank



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World
Agroforestry
Centre

 **ICRISAT**
INTERNATIONAL CROPS RESEARCH
INSTITUTE FOR THE SEMI-ARID TROPICS



THE WORLD BANK



CCAFS achievements in 2016-2018, cont'd.



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3

Research on **climate-smart cocoa** contributed to national planning and was integrated into training materials for all farmers in Ghana



4

Research and technical support to Ministries in Kenya resulted in the preparation of Nationally Appropriate Mitigation Action (NAMA) and GCF concept note for low-emission, climate-resilient and gender-inclusive dairy development



The University of Vermont



5

Low-emissions development (LED) dairy options in Indonesia: Improved feeding and manure management reduced greenhouse gas emission intensity by up to 14%



WAGENINGEN
UNIVERSITY & RESEARCH



Selected CCAFS Projects

- CCAFS with NWO-WOTRO and F&BKP is engaged in **8 GCP4 projects** involving both Dutch and national partners in East Africa focusing:
 - **Understanding and improving scaling readiness, inclusive and climate smart business model development** and **identifying entry points for private sector investments in CSA**
- **SNV-lead CCAFS, WUR, Agriterro** Climate and Food Security Programme in EA involving **both Dutch and national private sector** on:
 - **CSA in East Africa with extensive market-based approaches** involving **climate change adaptation and productivity improvements** to **promote inclusive business for the benefit of climate-vulnerable populations in East Africa**
- Continuing emphasis on the best ways to bring **climate-informed advisories and digital solutions to farmers**
- **Initiating new work on creative financial mechanisms to incentivise uptake of climate-smart practices**

Synergies with Dutch Policy Priorities aligned to UN Zero Hunger Challenge & SDGs

Sustainable, inclusive growth and climate action, including:

- Working to increase **sustainably produced food and better access to nutritious food**
- **Making markets more efficient** by removing barriers to national, regional and world trade
- **Investing in a better business climate** so that the private sector can play an ever **greater role in solving this problem**
- **Contributing to worldwide research into agriculture, nutrition and management of natural resources.**
- **Leveraging climate investment in developing countries**
- **Achieving the SDGs**
- **Promoting corporate social responsibility in global value chains**
- **Sustainable trade and investment**
- **Gender equality**

Thank you



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