

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Rehabilitation and Prevention of Deforestation at a Landscape Level - Initiative for Sustainable Landscapes (ISLA) by Barry Callebaut

Summary

The project employs a holistic approach based on proven interventions to ensure more sustainable and productive cocoa production outside of protected areas and to prevent infiltration into the forests. The goal is to decrease cocoa production in the forest reserve of Cavally, Côte d'Ivoire, a forest of high biodiversity value, while instilling corrective measures to implement sustainable forest management. The project is establishing cocoa and forest tree nurseries, monitoring forest management, and strengthening La Société de développement des forêts's monitoring capacity, among other activities.

Duration

2016 – 2019

Location

Southwestern Côte d'Ivoire near the northern boundaries of the Taï National Park (ISLA region)

Partners

· Wild Chimpanzee Foundation

· La Société de développement des forêts (SODEFOR)



Objectives

- Increase the productivity of cocoa plantations in the Guiglo-Taï corridor
- Prevent new infiltration in the Cavally forest reserve and sensitize the local community on sustainable natural resource management and the preservation of protected areas
- Support the decision-making and monitoring of sustainable forest management and rehabilitation in the Cavally forest reserve

Expected Outcomes

- Improve revenues for 1,000 cocoa farmers
- Diversify income for at least 150 community-based people
- Create jobs for farm service providers
- Strengthen sustainable forest management

Under its Forever Chocolate strategy, Barry Callebaut is committed to be carbon and forest positive by 2025. Please see www.barry-callebaut.com/sustainability/forever-chocolate/thats-what-forever-chocolate-all-about for a full overview how Barry Callebaut intends to make sustainable chocolate the norm by 2025.

Cocoa and Forest Initiative Launch

March 16, 2017

The Prince of Wales's International Sustainability Unit · World Cocoa Foundation · IDH-the Sustainable Trade Initiative

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Cargill Cocoa Promise by Cargill

Summary

Through a three-year partnership with The Nature Conservancy, Cargill is replanting land in Brazil that has been cleared of forest, as well as growing 1,000 hectares of cocoa using forest canopy as shade protection. Through the Cargill Cocoa Promise in Côte d'Ivoire and Ghana, Cargill is supporting farmers to improve productivity and plant shade trees to curb deforestation and enhance biodiversity. Cargill is also partnering with World Resources Institute to develop a landscape approach to evaluating deforestation risk in our cocoa supply chains, with the aim to encourage best practices in land use on a global scale.

Duration

Ongoing

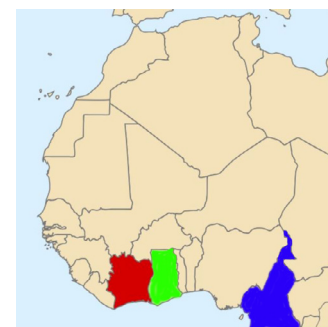
Location

Brazil, Cameroon, Côte d'Ivoire, Ghana, and Indonesia

Partners

· The Nature Conservancy

· World Resources Institute



Objectives

- Replant land in Brazil that has been cleared of forest, as well as grow 1,000 hectares of cocoa using the forest canopy as shade protection
- Decrease deforestation through cocoa intensification and better farming practices
- Develop a landscape approach to evaluating deforestation risk
- Engage policymakers and partners to drive greater transparency and align policy and the enforcement of regulations, to create sectorial and cross-sectorial solutions

Expected Outcomes

- Train more than 90,000 farmers in Côte d'Ivoire and Ghana
- Supply almost one million seedlings to farmers in Côte d'Ivoire, Ghana, and Indonesia, and aim to supply a further one million in the next year
- Participate in multi-stakeholder Initiative for Sustainable Landscapes led by IDH to protect six key landscapes in Africa, Asia, and South America

For more information, please visit cargill.com/forests.

Cocoa and Forest Initiative Launch

March 16, 2017

The Prince of Wales's International Sustainability Unit · World Cocoa Foundation · IDH-the Sustainable Trade Initiative

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Transparence Cacao – Initiative for Sustainable Landscapes (ISLA) by Cémoi

Summary

To preserve existing forest areas, current models of cocoa production in Côte d'Ivoire need to be transformed. Transparence Cacao – ISLA aims to convince farmers to see the natural environment, including trees and the forest, as a potential source of revenue. It also seeks to help farmers become agricultural entrepreneurs who invest in their farms by producing more from the land that they have. The project provides training and coaching to cooperatives, establishes cocoa and forest tree nurseries, and establishes ethics committees.

Duration

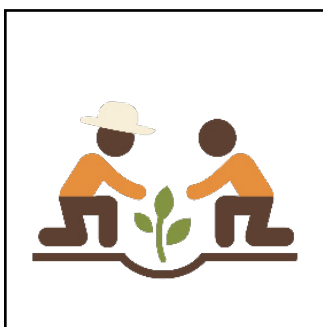
2016 – 2019

Location

Southwestern Côte d'Ivoire near the northern boundaries of the Taï National Park (ISLA region)

Partners

- Le Conseil du Café-Cacao
- World Agroforestry
- Ecotierra
- La Société de développement des forêts



Objectives

- Reinforce management capacities of three cooperatives to become professional service providers for their members
- Strengthen the entrepreneurial competencies of 1,800 members of cooperatives
- Test and pilot rehabilitation and regeneration of 2,500 ha of cocoa farms, including introduction of agroforestry techniques
- Develop financing mechanisms to establish an enabling environment for cooperatives
- Establish three ethics committees to address environment and social issues

Expected Outcomes

- Introduce agroforestry and rehabilitation as parts of a viable cocoa production system
- Diversify and increase farmer revenues
- Establish functioning ethics committees
- Inform and educate local communities on the country's new forestry code

For more information, visit <http://www.cemoui.fr/transparence/un-programme-unique>.

Cocoa and Forest Initiative Launch

March 16, 2017

The Prince of Wales's International Sustainability Unit · World Cocoa Foundation · IDH-the Sustainable Trade Initiative

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Cocoa Life by Mondelēz International

Summary

Cocoa Life is a holistic, third party verified cocoa sustainability program. In Ghana, Mondelēz International is working with the United Nations Development Programme, the Ghana Cocoa Board, and cocoa cooperative unions to address environmental sustainability issues in hundreds of Ghana's cocoa-growing communities. Mondelēz International's efforts center on conserving the natural ecosystems to maintain and provide viable environments and farmland for future generations primarily through the promotion of good agricultural practices and planting economic trees. Additionally in Ghana, they are piloting Community Resource Management Areas (CREMA) in 36 communities within the Asunafo North cocoa region. CREMAs serve as natural resource management and planning tools that are the basis for community initiatives. A manual on Good Environmental Practices has been devolved and is used in the training of farmers. In Côte d'Ivoire, Mondelēz International is leading private sector action as part of the national program to combat deforestation, which is part of the international Reduced Emissions from Deforestation and Degradation framework (REDD+). As a next step a pilot has started (Forest Friendly Cocoa) that aims at reaching 5,000 farmers in the Nawa Region. The project will closely involve the local communities to work together on producing a forest protection map reflecting the aspirations of local communities (Local Land Use Plan) and a tracking system to identify risks (deforestation) and opportunities (restoration of a forest cover).

Duration

Ongoing

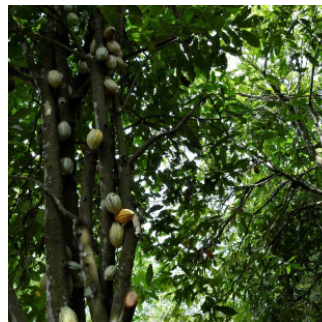
Location

Côte d'Ivoire and Ghana

Partners

· Ghana Cocoa Board · Impactum · The Forest Trust
· Government of Côte d'Ivoire · Le Conseil du Café-Cacao
· United Nations Development Programme

Mondelēz
International



Objectives

- Contribute to forest conservation, conserve biodiversity and enhance biophysical conditions on cocoa fields through increasing farmers and other community members sensitization on Good Environmental Practices and improve land use planning
- Improve understanding of the value chain by mapping individual farmers to identify deforestation and environmental risks
- Farmers adapt and become more resilient to the impact of climate change

Outcomes

- Increase productivity by adoption of Good Agricultural Practices including improved seedlings and use of fertilizers as well as adoption of Good Environmental Practices
- Map all farmers in Cocoa Life in partnership with supply chain partners and overlay this mapping with the Global Forest Watch to identify regions with environmental risk
- Plant over 800,000 native shade tree seedlings in Ghana and test the new tree registration approach
- Support communities to plan and implement sustainable land uses including management of community forests
- Planting of forest trees through pilot project in the Nawa region, Côte d'Ivoire (boundaries of the Taï National Park) and piloting payment for environmental services (PES)

For more information, please visit www.cocoalife.org.

Cocoa and Forest Initiative Launch

March 16, 2017

The Prince of Wales's International Sustainability Unit · World Cocoa Foundation · IDH-the Sustainable Trade Initiative

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Olam/Rainforest Alliance Climate Cocoa Partnership and REDD+ Pilot Project by Olam

Summary

The project aim was to improve the capacities of farmers to mitigate and adapt to climate change while simultaneously increasing productivity. The project focused on organizing individual farmers, establishing landscape management structures, reduce pressures to further encroach on surrounding forestlands, and restoring ecosystems within cocoa agroforests and other degraded land-use systems. The project also focused on developing a landscape-level project centered on sustainable practices that conserve biodiversity, provide greater long-term stability to all value chain participants and increase the income of smallholder farmers. Additionally, the project allowed Olam to bring the world's first verified climate smart cocoa to the international market.

Duration

2011 – 2014

Number of Farmers or Local Population Involved

2800 and Landscape Beneficiaries in Juabeso and Bia Districts

Budget

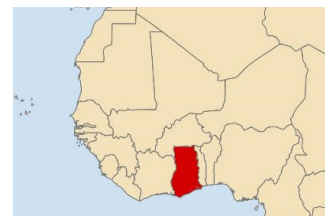
\$1M Matching fund between Olam and GEF Cocoa, executed by the Rainforest Alliance | \$3M Donor support from the United States Agency for International Development and the Norwegian Agency for Development Cooperation

Location

Western Region: Juabeso/Bia District, Ghana

Partner

Rainforest Alliance



Key Steps

- Created a sustainable landscape that harnessed the transformative power of markets. Made commitments to source climate-smart cocoa, connecting to the company's supply network and consumer base and engaging thousands of farmers. and focused on demonstrating to farmers the value proposition of certification and specifically climate smart farming practices.
- Developed a detailed training curriculum for the SAN Climate Module for the Ghanaian context.
- Increased efforts by partners to attract additional investment into the landscape including facilitating and collaborating with potential private sector and businesses to consider investment in landscape initiatives.
- Enhanced business practices to support efforts to conserve biodiversity in its production landscapes, contributed to provide greater long-term stability to all value chain participants and help to increase income for smallholder farmers.

Outputs and Outcomes

- Trained 2,847 farm operations in the integrated SAN standard and climate smart curriculum. Verified a total of approximately 6,052.80 ha in 34 communities to be climate smart in landscape.
- Developed the capacity for farmers to assess the risks that climate change poses to their livelihoods and to design and implement an adaptation plan for their farms.
- Increased climate education and overall awareness to ensure the climate-smart farm level practices are escalated and replicated to a landscape and forest management level.
- Planted a total of 50,940 native shade tree seedlings to sow seeds of good agroforestry system in the landscape. A reforestation of 300ha degraded fallow areas through the planting of additional 50,000 timber species to restore the landscape.
- Piloted the tree ownership regime with field activities and fed the results into the national coordination platform, contributing to the adoption of new registration processes for tree ownership in mosaic cocoa systems and landscapes.
- Addressed many organizational and administrative capacity issues through development of cooperatives and the Landscape Management Board (LMB). Expected to guide the development of REDD+ activities after the close of the project and improve coordination with other stakeholders, including the FC, District Assemblies, traditional authorities and the private sector.
- Carried out Natural Ecosystem Assessment to serve as a baseline for future evaluation of the project at landscape level, mapping 1550 farms in addition to those mapped by Olam through their Olam Farmer Information System (OFIS).
- This project has led to further climate smart initiatives in other geographies, notably in Indonesia, The Millenium Challenge Account MCA-I Compact's Green Prosperity project began on July 1, 2015 helping to further climate adaptation efforts amongst 8,000 cocoa smallholders in the North Kolaka and North Luwu districts in Southeast and Southern Sulawesi.

For more information, please visit olamgroup.com/supporting-cocoa-smallholders-transcend-boundaries-climate-change-2.

Cocoa and Forest Initiative Launch

March 16, 2017

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Climate Smart Cocoa Program by Touton

Summary

Touton's Climate Smart Cocoa Program builds on its network of rural service centers 'Akuafɔ Yiedie Fie' (Farmer Well Being Houses). The centers provide training and coaching services to farmers on GAP, use of inputs, responsible rehabilitation and intensification techniques, benefits of diversification for additional livelihoods as well as business skills training. As part of the coaching, farmers are sensitized on mitigation techniques to increase resilience to climate variability, notably, agroforestry planning and use of shade trees. Touton is also using the centers as hubs to bring together the stakeholders that are active in the landscape to identify land use planning measures. The initiative is developed in collaboration with the Ghana Cocoa Board and the Forestry Commission in alignment with Ghana's REDD+ program.

Duration

2016 – 2020

Location

Southwestern Ghana (Brong Ahafo and Western Regions)

Partners

Ghana Cocoa Board, the Forestry Commission, the Ministry of Lands and Natural Resources, Produce Buying Company, Solidaridad, GIZ, the Nature Conservation Research Centre, SNV, AgroEco, and Verified Carbon Standard.



Objectives

- Reach 50,000 farmers through Rural Service Centers
- Professionalize farmers and strengthen Farmer Based Organizations
- Provide Climate Change education
- Comply with “Landscape Standard”

Expected Outcomes

- Demonstrate importance of and contribute to community land-use planning
- Improve livelihoods and financially sustainable incentive mechanisms
- Reduce greenhouse gas emissions
- Enhance carbon stocks and promoted biodiversity and ecological resilience

For more information, please visit touton.fr/products/cocoa.

Cocoa and Forest Initiative Launch

March 16, 2017

The Prince of Wales's International Sustainability Unit · World Cocoa Foundation · IDH-the Sustainable Trade Initiative

Best Practice Example to Address Deforestation in the Cocoa Sector

Project Title

Feed the Future Partnership for Climate Smart Cocoa by the **World Cocoa Foundation**

Summary

The private sector plays an integral part in the long-term sustainability of the cocoa sector including supporting farmers to adapt to the predicted impact of climate change. With climate change reducing current land suitable for growing the crop, future cocoa production risks threatening forested and protected areas. Through the Climate Smart Cocoa program, the World Cocoa Foundation (WCF) will stimulate increased private sector investment and engagement, and coordination with the public sector to support smallholder farmer adoption of climate smart agriculture (CSA) in cocoa-producing landscapes.

Duration

2016 – 2020

Locations

West Africa (Côte d'Ivoire, Ghana, Liberia); Latin America (Dominican Republic, Honduras, El Salvador, Nicaragua)

Partners

USAID, ACDI/VOCA, and WCF Member Companies Barry Callebaut; Cargill; Ecom; The Hershey Company; Lindt & Sprüngli; Mars, Incorporated; Nestlé; Olam; and Touton



Objectives

- Map and model current and potential impacts of climate change
- Develop strategies to stimulate private sector investment and engagement
- Design and implement innovations in CSA to be adopted by private sector partners (e.g. agroforestry, CSA training curriculum, heat & drought tolerant planting material)

Expected Outcomes

- Increase knowledge of impacts of climate change on the cocoa sector
- Better analysis on the best ways to invest and manage risk in a cocoa market increasingly affected by climate change
- Strategic alignment among private and public sector actors on climate smart objectives
- Development of a private sector CSA investment plan and long term strategy
- Identification, adoption, and scale up of CSA innovations in the cocoa sector

For more information, please contact Ethan Budiansky at ethan.budiansky@worldcocoa.org.

Cocoa and Forest Initiative Launch

March 16, 2017

The Prince of Wales's International Sustainability Unit · World Cocoa Foundation · IDH-the Sustainable Trade Initiative