



COCOA HORIZONS FOUNDATION

2017-18 Progress Report



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1. Management Statement

The Cocoa Horizons Foundation (the "Foundation"), an independent, non-profit organization, was formally established by Barry Callebaut in February 2015 in Zurich, Switzerland and launched September 17, 2015. It is supervised by the Swiss Federal Foundation Supervisory Authority and is audited annually to demonstrate compliance with Swiss federal regulations. The Foundation's Board of Directors includes two directors appointed by Barry Callebaut and one independent, external director with a focus on foundation law.

The mission of the Foundation is to work together with cocoa growing communities to improve their livelihoods through the promotion of sustainable, entrepreneurial farming, improved productivity and community development.

The Cocoa Horizons Foundation works together with partners to build on collective strengths, scale impact and drive on-the-ground change in cocoa growing communities. The Foundation does this in three ways: by targeting funds toward those activities that will have the biggest impact in addressing challenges and needs of smallholder cocoa farmers; by pooling the resources from its funding sources in order to achieve economies of scale; and by helping to drive the demand for sustainable cocoa.

The Foundation's strategy and Cocoa Horizons program is aligned and contributes to Barry Callebaut's sustainability movement Forever Chocolate and endorses the industry's CocoaAction initiative. The target areas of the Forever Chocolate strategy are:

- Lifting more than 500,000 cocoa farmers out of poverty
- Eradicating child labor from supply chain
- Being carbon and forest positive, and
- Having 100% sustainable ingredients in all of Barry Callebaut's products

In 2017/18, the Foundation welcomed Cameroon among the Cocoa Horizons program origins. In Cameroon, Ghana and Côte d'Ivoire, implementation of the Cocoa Horizons program is organised in two pillars - productivity and community development - and covers the following focus areas:

- Farmer Group and Group Member requirements;
- Traceability of cocoa from farmers to Barry Callebaut buying site;
- Farmer Group and Farmer Training;
- Activities that target the cocoa productivity and production;
- Activities that target community development and child labor; and
- Transparency of premium flows.

In line with Barry Callebaut's Forever Chocolate commitments, the Foundation concentrated its efforts on scaling up child labor monitoring and remediation activities in 2017/18. This comprised mapping the supply chain, remediating instances of children in child labor identified, as well as understanding and addressing community risk factors contributing to child labor.

Additionally, to address a critical gap in lifting farmers out of poverty, the Foundation scaled up innovative farm services offering to farmers to replace their old, unproductive cocoa farms with new, diversified

ones. The service offers cocoa and shade tree seedlings, inputs, and seeds for food crops, in order to improve cocoa productivity and diversify farmers' income. The Foundation scaled up farmer data collection to better understand both individual as well as community needs and thereafter develop targeted farmer interventions.

The Foundation is closely following and implementing the latest developments in the sustainable cocoa industry. Therefore in 2017/18, the Foundation concentrated on GPS mapping of cocoa farms across all Cocoa Horizons program countries. The goal is to comply with the Cocoa Forest Initiative (CFI) in Côte d'Ivoire and similar looming initiatives which aim to bring the cocoa industry to zero deforestation.

The Foundation has finalised its new methodology, which is aligned with the CEN ISO guidelines, as well as NGO recommendations and industry commitments, such as seen in the Cocoa and Forest Initiative. The goal is to implement higher standards of governance and transparency, as well as provide greater levels of assurance for stakeholders, while still maintaining the ambition of the Foundation to scale impact through an activities based approach. A full implementation of the new methodology will follow in the season 2019/20.

This report presents a summary of the program activities implemented during the year 2017/18, as well as the outcomes from some of those activities, in the form of key performance indicators (KPIs) and performance metrics. It is aimed at providing the Foundation's stakeholders with the assurance that premiums have been collected and distributed according to the program guidelines, and that activities described in the Foundation's communications are happening and performing. It is based on the work performed by the Foundation and reviewed by PricewaterhouseCoopers LLP (PwC) at Barry Callebaut's offices as well as in cocoa communities in the countries where the program is implemented.

This report, covering the financial year ended 31 August 2018, presents the results of a limited assurance level verification following the ISAE 3000 assurance standard, providing the buyers of Barry Callebaut's Horizons products with an enhanced level of confidence in relation to the use of the premium and the activities conducted. The exact scope, nature and conclusion of assurance are highlighted in the Independent Assurance Report of PricewaterhouseCoopers LLP on pages 3-4.

The Cocoa Horizons Foundation selected and applied appropriate policies and processes in preparing the data in this report. The Foundation believes that the KPIs presented are complete and accurate. At the same time the Foundation believes that the assessment criteria is suitable for the purpose of measuring and evaluating the KPIs presented in the report.

The Directors of the Cocoa Horizons Foundation are and shall be responsible for the information presented in this document being complete and accurate, and prepared in accordance with the Reporting Criteria in Appendix A to this document.



Nicko Debenham, Chairman of the Foundation Board

Date 11/12/2018



Evelyn Nassar, General Manager of the Foundation

Date 11-Dec-2018



Independent Limited Assurance Report to the Directors of Cocoa Horizons Foundation

The Board of Directors of Cocoa Horizons Foundation engaged us to provide limited assurance on the information described below and set out in Cocoa Horizons Progress Report (“Progress Report”) for the year ended 31 August 2018.

Our conclusion

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the Selected Information for the year ended 31 August 2018 has not been prepared, in all material respects, in accordance with the Reporting Criteria.

This conclusion is to be read in the context of what we say in the remainder of our report.

Selected Information

The scope of our work was limited to assurance over the KPIs contained in Cocoa Horizons Foundation’s Progress Report (the “Selected Information”).

The Selected Information is presented in the “Performance Indicators” columns of the tables on pages 8, 9, 11, 12, 14, 15 and 17 of the Progress Report (except for the farmer training indicators in Cameroon, on page 11, and the extract from the Foundation’s financial annual regulatory return, on page 17). The Reporting Criteria against which it was assessed, is presented in Appendix A.

Our assurance does not extend to information in respect of earlier periods or to any other information included in the Progress Report for the year ended 31 August 2018.

Professional standards applied and level of assurance

We performed a limited assurance engagement in accordance with International Standard on Assurance Engagements 3000 (Revised) ‘Assurance Engagements other than Audits and Reviews of Historical Financial Information’, issued by the International Auditing and Assurance Standards Board. A limited assurance engagement is substantially less in scope than a reasonable assurance engagement in relation to both the risk assessment procedures, including an understanding of internal control, and the procedures performed in response to the assessed risks.

Our Independence and Quality Control

We applied the Institute of Chartered Accountants in England and Wales (ICAEW) Code of Ethics, which includes independence and other requirements founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

We apply International Standard on Quality Control (UK) 1 and accordingly maintain a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Our work was carried out by an independent team with experience in sustainability reporting and assurance.

Understanding reporting and measurement methodologies

The Selected Information needs to be read and understood together with the Reporting Criteria, which the Cocoa Horizons Foundation is solely responsible for selecting and applying. The absence of a significant body of established practice on which to draw to evaluate

and measure non-financial information allows for different, but acceptable, measurement techniques and can affect comparability between entities and over time. The Reporting Criteria used for the reporting of the Selected Information are as at 31 August 2018.

Work done

We are required to plan and perform our work in order to consider the risk of material misstatement of the Selected Information. In doing so, we:

- Made enquiries of Cocoa Horizons Foundation’s management at Foundation and Barry Callebaut offices in Zurich, Cote d’Ivoire, Ghana and Cameroon;
- made enquiries of operational staff, Farmer Group management teams and cocoa farmers aligned with the Cocoa Horizons program;
- evaluated the design of the key structures, systems, processes and controls for managing, recording and reporting the Selected Information. This included analysing and visiting a number of Farmer Groups and Cocoa Farms in Cote d’Ivoire, Ghana and Cameroon, selected on the basis of their inherent risk and materiality to the group, to understand the key processes and controls for reporting site performance data to the local and group reporting teams;
- performed limited substantive testing on a selective basis of the Selected Information at the following locations to check that data had been appropriately measured, recorded, collated and reported;
 - Cocoa Horizons Foundation head office in Zurich;
 - SACO head office in Cote d’Ivoire;
 - Nyonkopa head office in Ghana;
 - SIC head office in Cameroon;
 - Farmer Groups in Cote d’Ivoire, Ghana and Cameroon; and
 - Cocoa Farms in Cote d’Ivoire, Ghana and Cameroon.
- considered the disclosure and presentation of the Selected Information; and
- made enquiries of the Cocoa Horizons Foundation’s management, including those with responsibility for Sustainability activities and reporting.

Our testing procedures included but were not limited to:

- Re-performing calculations performed by management based on central records;
- inspecting meeting minutes to support assertions made and actions performed by management;
- reconciling locally-maintained paper documents to central records;
- interviewing Farmer Group management and cocoa farmers;
- inspecting contractual documents and delivery documentation to support delivery of cocoa from farmers to Farmer Groups and to SACO, Nyonkopa and SIC;
- inspecting key Farmer Group-signed documents such as the Supplier Code;
- performing a walkthrough of the GPS mapping exercise in Ghana, Ivory Coast and Cameroon;
- inspecting source data to agree to a sample of farms mapped;

- performing a reasonableness test on area mapped as 'protected' and cross referencing to third party evidence
- inspecting training records and exam results to support farmer trainer accreditations;
- inspecting training attendance records for farmers participating in training sessions;
- inspecting records of farmers participating in the Farm development program and Productivity Package;
- physical inspection of the existence and appropriate classification demonstration plots;
- physical inspection of areas of farmland replanted and prepared for replantation;
- inspecting agreed contracts supporting replanting of farm land financially;
- inspecting interview records and results with farmers regarding instances of child labour;
- inspecting records of identified child labour cases;
- inspecting Premium contracts and payment to Farmer Groups;
- reconciling cocoa volumes purchased from Farmer Groups to Premiums paid; and
- reconciling surplus Cocoa Horizons cocoa sourced to Cocoa Horizons cocoa sold and recalculation of the surplus volume.

Cocoa Horizons Foundation's responsibilities

As explained in Section 1, the Management Statement to the Progress Report, the Directors of Cocoa Horizons Foundation are responsible for:

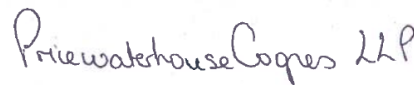
- designing, implementing and maintaining internal controls over information relevant to the preparation of the Selected Information that is free from material misstatement, whether due to fraud or error;
- establishing objective Reporting Criteria for preparing the Selected Information;
- measuring and reporting the Selected Information based on the Reporting Criteria; and
- the content of the Progress Report.

Our responsibilities

We are responsible for:

- planning and performing the engagement to obtain limited assurance about whether the Selected Information is free from material misstatement, whether due to fraud or error;
- forming an independent conclusion, based on the procedures we have performed and the evidence we have obtained; and
- reporting our conclusion to the Directors of the Cocoa Horizons Foundation.

This report, including our conclusions, has been prepared solely for the Board of Directors of Cocoa Horizons Foundation in accordance with the agreement between us, to assist the Directors in reporting Cocoa Horizons Foundation's Selected Information. We permit this report to be disclosed in the Progress Report for the year ended 31 August 2018, to assist the Directors in responding to their governance responsibilities by obtaining an independent assurance report in connection with the Selected Information. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the Board of Directors and Cocoa Horizons Foundation for our work or this report except where terms are expressly agreed between us in writing.



PricewaterhouseCoopers LLP
Chartered Accountants
London
11 December 2018

Cocoa Horizons Program in Figures - 2017/18

KNOW YOUR FARMER



20% OF FARMERS
ARE WOMEN



53,317
FARMERS COVERED
WITH CENSUS*



50 AVERAGE AGE OF
COCOA FARMERS*



83% ARE PROUD
TO BE A FARMER*

COMMUNITY



49%
OF CHILDREN BETWEEN 5-
17 ATTENDING SCHOOL*



~350,000
PEOPLE IN COCOA
COMMUNITIES REACHED
BY THE PROGRAM

PROSPERING FARMERS



+23% FARMERS
DELIVERING COCOA



33% OF FARMERS IN
THE PROGRAM ARE ABOVE
POVERTY LINE*



76% ARE PRUNING*



35% ARE USING
FERTILIZERS*



3282
PRODUCTIVITY PACKAGES
WERE PROVIDED



396
KG/HA IS THEIR AVERAGE
YIELD*

ENVIRONMENT



55,561
FARMS MAPPED



1,459,966
SEEDLINGS DISTRIBUTED

Source: Census performed by Barry Callebaut in the financial year 2017/18. The reported numbers, if not mentioned in Section 3: Program Activities and Performance, were not subject to independent assurance in the year ended 31 August 2018.

A 3 year overview of the Cocoa Horizons Program

| Farmer Groups & Group Members | 15/16 | 16/17 | 17/18 | vs. PY |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-----------|--------|
| No. of Tonnes of Horizons cocoa sold in bean equivalent | 42,714 | 54,054 | 65,914 | 22% |
| All Horizons cocoa sales are documented and balanced against sourced volumes in a given financial year and closed with cumulative surplus / shortfall of volumes sourced against volumes sold. | -2,534 | 21,146 | 27,222 | 29% |
| No. of new Farmer Groups delivering cocoa | 66 | 20 | 19 | -5% |
| No. of Farmer Groups delivered Horizons Cocoa | 66 | 83 | 92 | 11% |
| No. of Tonnes of Horizons cocoa delivered | 42,590 | 78,546 | 72,088 | -8% |
| No. of Group Members delivered Horizons Cocoa | 35,500 | 60,489 | 74,521 | 23% |
| No. of farmers are registered Cocoa Horizons Group Members | 35,720 | 73,468 | 93,370 | 27% |
| No. of women farmers delivered Cocoa Horizons cocoa are members Farmer Groups | 4,858 | 10,638 | 16,331 | 54% |
| No. of women are registered members of Cocoa Horizons Farmer Groups | 4,858 | 11,534 | 18,541 | 61% |
| No. of farmers who completed a census interview | 0 | 0 | 53,317 | |
| | | | | |
| Farmer households lifted out of poverty line | 15/16 | 16/17 | 17/18 | vs. PY |
| No. of cocoa farmers out of poverty, measured against the WB USD 1.90/day threshold for extreme poverty | N/A | N/A | 30,812 | |
| No. of cocoa farmers have received at least one productivity intervention (eg. productivity package, coaching, inputs, tools, seedlings or finance) | 11,420 | 20,706 | 66,565 | 221% |
| No. of active demonstration plots | 88 | 42 | 152 | 262% |
| No. of farmer trainers accredited | 71 | 163 | 141 | -13% |
| No. of farmers trained | 39,557 | 58,828 | 85,652 | 46% |
| No. of farmers trained on GAP | 21,499 | 22,462 | 66,565 | 196% |
| No. of farmers trained on child labor | 22,701 | 9,970 | 66,077 | 563% |
| Average attendance rate of % per farmer training course held in the fiscal year | 69% | 58% | 62% | 4% |
| No. of ha cocoa and other species replanted | 0 | 175.5 | 160 | -9% |
| No. of farmers who have access to replanting package | 0 | 309 | 217 | -30% |
| No. of farmers who have access to Farm Development Plan | 0 | 1,684 | 3,282 | 95% |
| No. of farmers who have access to productivity package | 1,032 | 1,012 | 3,447 | 241% |
| No. of cocoa seedlings distributed | 324,109 | 395,990 | 1,459,966 | 269% |
| No. of shade trees distributed | 0 | 7,000 | 372,468 | 5,221% |
| No. of accredited community professionals (sprayers, pruners and nurserists) | 0 | 560 | 591 | 6% |

| Zero child labor in our supply chain | 15/16 | 16/17 | 17/18 | vs. PY |
|----------------------------------------------------------------------------------------|--------------|--------------|--------------|---------------|
| No. of Child labor cases identified | 0 | 38 | 3,096 | 8,047% |
| No. of farmer organisations are covered by CLMRS or equivalent | 2 | 2 | 20 | 900% |
| No. farmers participated in the interviews and surveys as part of the CLMRS | 579 | 494 | 13,256 | 2,583% |
| No. of children participated in the interviews and surveys as part of the CLMRS | 0 | 647 | 15,223 | 2,253% |
| No. of Cocoa Horizons Group Members received a farm visit by CLMRS-trained BC staff | 0 | 90 | 12,513 | 13,803% |
| No. of community members attending the sensitisation events on CL via COH truck | 0 | 2,073 | 20,748 | 901% |
| No. of child community members attending the sensitisation events on CL via COH truck | 0 | 803 | 8,259 | 929% |
| No. of female community members attending the sensitisation events on CL via COH truck | 0 | 442 | 3,866 | 775% |
| No. of male community members attending the sensitisation events on CL via COH truck | 0 | 828 | 8,623 | 941% |
| No. of communities reached by the COH truck | 0 | 6 | 65 | 983% |
| No. rural primary schools were constructed or expanded | 3 | 0 | 1 | |
| No. of rural primary classrooms | 9 | 0 | 0 | |
| New classrooms capacity (No. of children to accommodate) | 450 | 0 | 0 | |
| No. of school kits distributed | 0 | 2,850 | 600 | -79% |
| No. of birth certificates paid for | 214 | 0 | 350 | |
| No. of separate latrines for girls and boys installed at a rural primary school | 9 | 0 | 0 | |
| No. of Canteen and cooking facilities constructed at a rural primary school | 3 | 0 | 0 | |
| No. of teacher housing units constructed | 3 | 0 | 0 | |
| No. of borehole and pump installed at a rural primary school | 1 | 0 | 19 | |
| No. of women are in governance positions within Cocoa Horizons Farmer Groups | 98 | 132 | 208 | 58% |
| No. of women participated in the agroforestry training | 44 | 38-4 | 306 | -20% |
| | | | | |
| Cocoa sourced from no deforested areas and be carbon positive | 15/16 | 16/17 | 17/18 | vs. PY |
| No. of farms with a GPS map | 0 | 0 | 55,561 | |
| No. of Cocoa Horizons Group members with at least one farm mapped with a GPS (polygon) | 0 | 0 | 35,618 | |

3. Program Activities and Performance

Farmer Group and Group Member requirements


Overview

The Cocoa Horizons program operates with Farmer Groups in Côte d'Ivoire, Ghana and Cameroon. In Côte d'Ivoire, these are agricultural cooperatives and Barry Callebaut's own direct sourcing company Biopartenaire SA. In Cameroon it is agricultural cooperatives and groups who deliver cocoa to Barry Callebaut's sourcing company - SIC CACAOS S.A. In Ghana this is Barry Callebaut's own direct sourcing licensed buying company, Nyonkopa Ltd. Due to their size, Biopartenaire and Nyonkopa are organised by branches and districts in their respective countries of operation.

In order to increase our confidence that the wider aims of the Cocoa Horizons Foundation have been understood, we require Farmer Groups and their Group Members to heed and sign documents which reflect the ambition of the Cocoa Horizons Foundation, and assert that they will comply with the rules therein. This includes the need for Farmer Groups to have a management structure and registered group members. The governance principles of Cocoa Horizons are integrated in their internal management procedure.

The executives of all new farmer groups are required to sign the Supplier Code, the Cocoa Horizons Convention, the Child Labor Charter, and the Declaration on Protected Forests. The Foundation provides support to farmer groups to design and set up an internal management system in order to register farmers and to achieve the requirements of the Cocoa Horizons program, including a Cocoa Horizons contract signature for each registered farmer within the farm households.

Targets and Performance Indicators

| Target | Performance Indicators |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>All Farmer Groups respect and sign the (1) Supplier Code, (2) the Cocoa Horizons Convention, (3) the Child Labour Charter and (4) a Declaration that cocoa is not and will not be sourced from protected forests.</p>  | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> • 100% of the Farmer Groups signed all 4 governing charters; • 72 Farmer Groups delivered Horizons Cocoa; • 40,529 of farmers are registered Cocoa Horizon Group Members; and • 25,413 Group Members delivered Horizons Cocoa in the year ended 31 August 2018. <p>Ghana</p> <ul style="list-style-type: none"> • The licensed buying company Nyonkopa Ltd., delivered Horizons Cocoa and has signed the 4 governing charters; • 47,028 registered Cocoa Horizons Group Members; and • 45,519 Group Members delivered Horizons Cocoa in the year ended 31 August 2018. <p>Cameroon</p> <ul style="list-style-type: none"> • 100% of the Farmer Groups signed all 4 governing charters; • 19 Farmer Groups delivered Horizons Cocoa; • 19 new Farmer Groups delivered Horizons Cocoa; • 5,813 of farmers are registered Cocoa Horizon Group Members; and • 3,589 Group Members delivered Horizons Cocoa in the year ended 31 August 2018. |

Documented traceability of cocoa beans to the first buyer

Overview


Horizons cocoa is traceable from the individual group members of participating farmer groups to the first Barry Callebaut warehouse. From this point onwards down-stream, Horizons products follow the principle of mass balance, where sales volumes shall not exceed source volumes by more than 50%, and such shortfalls must be compensated in the following fiscal year. Using mass balance principles for Horizons sales minimizes logistics costs compared to physical segregation, so that more resources go directly to sustainability program activities to benefit farmers.

Traceability is a key aspect of Horizons cocoa. Traceability manuals are available for all farmer groups in Cameroon, Côte d'Ivoire and Ghana, and representatives from all farmer groups receive training in traceability. This includes all group administrators, warehouse keepers, and technical officers where appropriate. These trained representatives perform and enforce procedures to maintain the traceability of all Horizons cocoa from the individual Cocoa Horizons group member to the first Barry Callebaut warehouse.

In Cameroon and Côte d'Ivoire, Barry Callebaut signs sourcing contracts with farmer groups to confirm cocoa volumes and premiums that are intended to be sourced from them. In Ghana, forecast sourcing volumes are communicated with the Farmer Group in advance of the fiscal year.

The Foundation is continuously expanding the implementation of the Katchilè online data management platform for traceability and farmer data. Katchilè means “change” in the local language of the Baoulé. Complete and accurate data is needed to effectively trace the origin of the cocoa, monitor our activities and measure the impact of the Cocoa Horizons program on farmers and their communities. The management of this data (including collection, storage and accessibility) plays a critical role in ensuring access to digital data for analysis and reporting.

Targets and Performance Indicators

| Target | Performance Indicators |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>All Horizons cocoa is traced from the individual Group Member (i.e. registered with a unique code) to the first buying site of Barry Callebaut.</p>  | <p>Côte d'Ivoire, Ghana and Cameroon</p> <ul style="list-style-type: none">● 72,088 Tonnes of Horizons cocoa delivered during the year ended 31 August 2018;● 55,561 farms mapped with a GPS. |
| <p>A documented traceability system following mass balance principles from the first buying site of Barry Callebaut onwards for all Horizons cocoa is established.</p> | <p>Côte d'Ivoire, Ghana, Cameroon</p> <ul style="list-style-type: none">● All Horizons cocoa sales are documented and balanced against sourced volumes 2017/18 closed with cumulative surplus of 27,222 Tonnes of volumes sourced against volumes sold (as per the stipulations related to mass balance described in the overview). |

Targeted productivity interventions

Overview

The Cocoa Horizons Foundation has the goal to improve the productivity on cocoa farms and therefore the livelihoods of farmers and their communities. In an effort to increase adoption rates on best farming practices and reverse decreasing productivity due to aging cocoa trees the following key activities are continuously being implemented:

- 1) An accreditation process for Cocoa Horizons Farmer trainers that comprises a qualification and evaluation step;
- 2) The provision of robust Farmer Services: holding farmer training, facilitating access to tools and inputs for selected farmers, setup and operation of demonstration plots and access to seedlings and shade trees;
- 3) Accessibility to loans and savings accounts for select cocoa farmers to catalyze the ability to increase their productivity; and
- 4) Enabling select farmers to replant cocoa trees and other species to increase long term productivity and to support income resilience of farmers.

Regarding farmer training, the Cocoa Horizons training curriculum was expanded to better fit the purpose of achieving productivity related impacts. In particular, two modules aimed at replanting practices and soil health were introduced.

With the aim to gain interest of farmers for higher yielding production techniques, cocoa demonstration plots have been established in many communities where the Foundation operates. These demonstration plots can be visited by farmers alone or during training sessions, and are an effective tool to represent the positive impact stemming from the implementation of best practices.



Replacing old with young cocoa trees is a key measure to sustainably increase productivity, and for this farmers need access to high quality cocoa seedlings of the best available variety. The Foundation assists distribution of cocoa seedlings, distributes shade trees to achieve an ideal mix of trees at a farm plot and to help farmers diversify their income. In Côte d'Ivoire the professional replanting program achieved 151 hectares of fully replanted and prepared land in 2017/18.

As an integral component to the Horizons program, farmers in Côte d'Ivoire were provided with productivity packages on credit. To receive the productivity package on credit, farmers are assisted in opening a bank account where they are required to save part of the package value up-front. The accounts are opened at Advans SA SICAR, one of the leading microfinance institutions (MFIs) in West Africa. The underlying principle of the productivity kit is that the farmer should first implement good agricultural practices and only then apply fertilizer sparingly. Each first-year kit contains a pruning shear and a pruning saw, as well as access for up to 5 days of dedicated, on-farm training on best pruning techniques.

Additionally, spraying equipment is provided to safely apply any necessary crop protection. Throughout the agronomic calendar, the farmer is visited by a coach funded by the Cocoa Horizons Foundation. The coach's role is also to make pre-season visits to sign the farmer up for the product and to establish a farm development plan. Additionally, the coach verifies whether the tools, training and inputs have been received and applied, and evaluates the needs of the cocoa farm to improve production.

In 2017/18, the Foundation further increased scope of Katchilè's functionality to include gathering detailed data on farmer households and mapping farm plots. This allows to design better targeted interventions in both productivity and community areas. At the same time farmers learn about their actual farm plot size and can thus better manage their work and agricultural input distribution on the farm.

Targets and Performance Indicators

| Target | Performance Indicators |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Farmer trainer accreditation Achievement on the evaluation test must be minimum 60%.</p>  | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> • 90 Farmer trainers accredited <p>Ghana</p> <ul style="list-style-type: none"> • 23 Farmer trainers accredited <p>Cameroon</p> <ul style="list-style-type: none"> • 28 Farmer trainers accredited |
| <p>Farmer Training Ensure that all Farmer Trainers, Farmer Groups and Group Members receive training as described in the training methodology (reproduced within the Reporting Criteria in Appendix A).</p>  | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> • All farmer groups and farmer trainers have been trained • Multiple farmer training sessions were delivered to registered members of 75 Cocoa Horizons farmer groups • Average attendance rate of 27% per farmer training course • 115 demonstration plots • 555 accredited community professionals (sprayers, pruners and nurserymen) <p>Ghana</p> <ul style="list-style-type: none"> • All farmer trainers have been trained • Multiple farmer training sessions were delivered to registered members of the Nyonkopa farmer group • Average attendance rate of 97% per farmer training course • 37 demonstration plots <p>Cameroon*</p> <ul style="list-style-type: none"> • All farmer groups and farmer trainers have been trained • Multiple farmer training sessions were delivered to more than 1,700 registered members of 14 Cocoa Horizons farmer groups* • 36 accredited community professionals (sprayers, pruners and nurserymen) <p>* Training activities in Cameroon are new to the COH origin and therefore will be part of the verification scope only as of 2018/19. The reported numbers were not subject to independent assurance in the year ended 31 August 2018.</p> |
| <p>Farmer support and finance: Annual increase of minimum 10% of the total number of Group Members that have access to the Productivity Package for the adoption of the Farm Development Plan.</p> <p>The Productivity Package consists of:</p> <ul style="list-style-type: none"> ▪ Access to coaching support from accredited Farmer Trainers to facilitate execution of the Farm | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> • 160 hectares of cocoa and other species replanted; • 3,282 cocoa farmer have access to the Farm Development Plan, of which 2,185 cocoa farmers received access to productivity package incl. coaching, input such as tools and seedlings, or finance; • 33,695 cocoa farmers have received at least one productivity intervention (training on GAP, planting, replanting or soil fertility); • A sample of 282 Farmer Group Members were visited as part of an observation exercise performed by the Foundation |

Development Plan.

- Access to tools, inputs and/or planting material to facilitate adoption of Good Agricultural Practices, Soil Fertility Management Practices and Rehabilitation Techniques – where required.
- Access to finance (e.g. via a savings and credit scheme) - where required.



between October-November 2018. It was identified that, of the **282** Farmer Group Members visited:

- **61%** were found to have access to planting material;
- **39%** were found to have access to fertilizer;
- **0%** were found to have applied soil fertility management;
- **12%** were found to have rehabilitated at least 3% of their cocoa farms using improved planting materials; and
- **8%** were found to be adopting pruning and more than 3 GAPs.

Ghana

- **1,262** cocoa farmers have access to productivity package incl. coaching, input such as tools and seedlings, or finance
- **40,793** cocoa farmers have received at least one productivity intervention (training on GAP, planting, replanting or soil fertility);
- A sample of **280** Farmer Group Members were visited as part of an observation exercise performed by the Foundation between October-November 2018. It was identified that, of the **280** Farmer Group Members visited:
 - **5%** were found to have access to planting material;
 - **22%** were found to have access to fertilizer;
 - **14%** were found to have applied soil fertility management;
 - **2%** were found to have rehabilitated at least 3% of their cocoa farms using improved planting materials; and
 - **29%** were found to be adopting pruning and more than 3 GAPs.

Targeted community interventions

Overview

Rural communities in West Africa often lack basic infrastructure and services, including access to schools, water and basic healthcare. Multiple studies have shown that women contribute to family farm labor, in addition to managing family and household duties, yet, relative to men, they often have more limited opportunities for education, land ownership and income generation.

The Foundation works with farmers to improve cocoa production practices while at the same time addressing critical social challenges in communities where Farmer Group Members and their families live. The Foundation believes this combined approach offers the best potential to increase farm productivity, increase household incomes, and improve family and community livelihoods.

The Foundation works with farmer groups and communities in the following four key areas:

- 1) Child protection;
- 2) Education;
- 3) Women's empowerment; and
- 4) Health.



Since 2014/15, efforts have been increased on the elimination of child labor, including activities to prevent, monitor, identify and remediate cases of child labor on cocoa farms, and to identify community-level risk factors which point to increased instances of child labor. In 2017/18, the Foundation expanded its Child Labor Monitoring and Remediation activities (CLMRS) in Côte d'Ivoire and newly implemented them in Ghana too.

As data capture is an integral component of the CLMRS, data capture capabilities were integrated into the aforementioned Katchilè data management system. With the support of the ICI, the Foundation interviewed farmer family members and children covering two cooperatives in Côte d'Ivoire and Ghana. In the fiscal year 2018/19, the Foundation plans to further scale these activities.

In 2018/19, the Cocoa Horizons Foundation aims to drive a child centric approach to child protection enhancing and supporting community-driven programs and accountability. While the Foundation believes this is the way forward, there has and continues to be a need for sensitization, monitoring and remediation activities to complement those efforts.

As studies show, when women earn an income they tend to invest in their children's future and in their communities. To foster women's empowerment, the Women's Agroforestry Training Program ensures each woman has access to a cocoa agroforestry plot of land in addition to cocoa and multi-crop seedlings, and comprises interactive classroom training as well as land clearing and planting activities, with the aim to support family consumption and/or income generation.

Targets and Performance Indicators

| Target | Performance Indicators |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Implement Community interventions within focus area Child Protection:</p> <ul style="list-style-type: none"> ● Raise awareness of Farmer Groups and Group Members on child labor. ● Raise awareness in communities on child labor. ● Build and operationalize child labor monitoring and remediation system capabilities (CLMRS).  | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> ● 65 communities reached by the Cocoa Horizons truck ● 20,748 community members attending the sensitisation events on Child Labor via the Cocoa Horizons truck ● As of 31 August 2018: <ul style="list-style-type: none"> ○ 8,914 farmer households and 11,601 children participated in the interviews and surveys as part of the child labor monitoring and remediation system; ○ 8,329 farmers received a farm visit by CLMRS-trained Barry Callebaut staff; and ○ 2,718 children in child labor were identified. <p>Ghana</p> <ul style="list-style-type: none"> ● As of 31 August 2018: <ul style="list-style-type: none"> ○ 4,342 farmer households and 3,622 children participated in the interviews and surveys as part of the child labor monitoring and remediation system; ○ 4,184 farmers received a farm visit by CLMRS-trained Barry Callebaut staff; and ○ 378 children in child labor were identified. |
| <p>Implement Community interventions within focus area Education:</p> <ul style="list-style-type: none"> ● Carry out improvements to existing formal schooling infrastructure, materials and equipment. ● Support formation and/or strengthening of community-based school management committee (SMC) or equivalent structure, including support for their ability to monitor attendance and enrolment.  | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> ● 1 school was built. ● 600 school kits distributed. ● 2 boreholes was built. ● 350 birth certificates funded. <p>Ghana</p> <ul style="list-style-type: none"> ● 17 boreholes were built. |
| <p>Implement Community interventions within focus area Women's Empowerment:</p> <ul style="list-style-type: none"> ● Train Farmer Groups and community members on gender sensitivity. ● Support participation of women in Farmer Groups and Community governance structures. ● Support Income Generating Activities (IGA) as requested by | <p>Côte d'Ivoire</p> <ul style="list-style-type: none"> ● 2,054 women delivered Horizons Cocoa in the year ended 31 August 2018; ● 3,543 women are registered Cocoa Horizons Group Members ● 90 women are in governance positions within Cocoa Horizons Farmer Groups; ● 306 women participated in the agroforestry training program and 46 of those women became agroforestry trainers bringing the number of women who have completed the program since its inception in 2013/14 to 734. |

women in targeted communities.



Ghana

- **14,399** women are registered Cocoa Horizons Group Members;
- **13,882** women delivered Horizons Cocoa in the year ended 31 August 2018;
- **107** women are in governance positions within Farmer Groups.

Cameroon

- **601** women are registered Cocoa Horizons Group Members;
- **397** women delivered Horizons Cocoa in the year ended 31 August 2018;
- **11** women are in governance positions within Farmer Groups.

Transparency of premium flows

Overview

The Cocoa Horizons Foundation only funds activities that support its mission to improve the livelihoods of cocoa farmers and their communities through the promotion of sustainable, entrepreneurial farming, improved productivity and community development. In the framework of this mission, the Foundation commits to invest premiums from Horizons customers in the areas of productivity, community development, payment of farmer premiums and the administrative costs associated with running the program. This section provides details on the amount of income and expenditure in the Cocoa Horizons program for 2017/18.

Activities by the Foundation in the 2017/18 fiscal year were funded by a combination of:

- Funds received from customers who pay a premium when purchasing Horizons products;
- Charitable contributions made by international donors;
- A CHF 4 million donation from Barry Callebaut; and
- Unspent balances brought forward from the 2016/17 fiscal year.


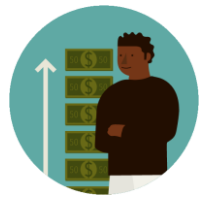
This Horizons income from customer contributions was allocated into budgeted activity forecasts on the following basis:

- 27% Farmer & farmer organization premium;
- 41% Productivity;
- 18% Community development; and
- 14% Program administration.

Premiums paid to farmers and Farmer Groups are based upon the volume of beans sourced from each, whilst expenditure in relation to the other areas is performed at the discretion of the Cocoa Horizons Foundation.

Further details as to the income and expenditure in the 2017/18 fiscal year can be found in the Targets and Performance Indicators section, below.

Targets and Performance Indicators

| Target | Performance Indicators | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Substantiating that the Horizons premiums are only used to achieve the Cocoa Horizons Foundation mission according to the premium breakdown as per Cocoa Horizons methodology.</p>  | <p>Cocoa Horizons Foundation, Zurich</p> <p><i>(in CHF)</i></p> <table><thead><tr><th></th><th><u>2017/2018</u></th><th><u>2016/2017</u></th><th><u>2015/2016</u></th></tr></thead><tbody><tr><td>Cocoa Horizons Program Income</td><td>10,538,368</td><td>7,533,430</td><td>6,065,114</td></tr><tr><td>Horizons Program contributions</td><td></td><td></td><td></td></tr><tr><td>Cocoa Horizons Program expenses</td><td></td><td></td><td></td></tr><tr><td>Farmer and farmer organization premium</td><td>(2,687,050)</td><td>(2,501,952)</td><td>(1,421,321)</td></tr><tr><td>Productivity expense</td><td>(3,264,170)</td><td>(2,944,546)</td><td>(2,527,753)</td></tr><tr><td>Community expense</td><td>(2,114,846)</td><td>(1,142,521)</td><td>(1,224,705)</td></tr><tr><td>Administrative expense</td><td>(1,497,938)</td><td>(1,002,535)</td><td>(778,229)</td></tr></tbody></table> <p><i>The above is an extract from the Foundation’s annual regulatory return. The Foundation’s financial audit is performed by PricewaterhouseCoopers AG, Switzerland.</i></p> | | <u>2017/2018</u> | <u>2016/2017</u> | <u>2015/2016</u> | Cocoa Horizons Program Income | 10,538,368 | 7,533,430 | 6,065,114 | Horizons Program contributions | | | | Cocoa Horizons Program expenses | | | | Farmer and farmer organization premium | (2,687,050) | (2,501,952) | (1,421,321) | Productivity expense | (3,264,170) | (2,944,546) | (2,527,753) | Community expense | (2,114,846) | (1,142,521) | (1,224,705) | Administrative expense | (1,497,938) | (1,002,535) | (778,229) | | | |
| | <u>2017/2018</u> | <u>2016/2017</u> | <u>2015/2016</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cocoa Horizons Program Income | 10,538,368 | 7,533,430 | 6,065,114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horizons Program contributions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cocoa Horizons Program expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Farmer and farmer organization premium | (2,687,050) | (2,501,952) | (1,421,321) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Productivity expense | (3,264,170) | (2,944,546) | (2,527,753) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Community expense | (2,114,846) | (1,142,521) | (1,224,705) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Administrative expense | (1,497,938) | (1,002,535) | (778,229) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Ensuring that all Group Members receive the Horizons Premium for the Horizons cocoa delivered and accepted.</p>  | <p>Côte d’Ivoire, Ghana and Cameroon</p> <ul style="list-style-type: none">● 100% of the farmers who delivered Horizons cocoa in the fiscal year have received the Cocoa Horizons Premium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix A – Reporting Criteria

This section summarizes the basis of preparation for the performance indicators within this report, presenting clarification and definition of the terminology used within the reported performance indicators.

A set of general definitions is first presented, as well as specific guidance in relation to each of the reported performance indicators, by section of the report.

General definitions

- A **Farmer Group** is defined as an organized group of Farmers such as a cooperative or similar. A Farmer Group is considered to be a member of the Cocoa Horizons program if it has signed all Four Cocoa Horizons Charters;
- A **Group Member** refers to a cocoa farmer who is a member of a Cocoa Horizons Farmer Group in the year ended 31 August 2018;
- The **Cocoa Horizons premium** is a cash payment to Farmer Groups and Group Members in proportion to their delivery of Cocoa Horizons cocoa to a Barry Callebaut buying site. This excludes Technical Officers incentive payments made in Ghana to Farmers who assist in the facilitation of training courses. No Farmer Group payment is made to the licensed buying company Nyonkopa Ltd (“Nyonkopa”), a Barry Callebaut Group company;
- A **Farmer Trainer** is an individual who, as part of the Cocoa Horizons program, has been selected to provide training to Group Members on a variety of topics. Farmer Trainers attend a number of “training of trainers” courses per year to support their knowledge and understanding of the messages to be cascaded to Group Members. In Ghana the term Farmer Trainer is interchangeable with Technical Office.

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| KPI no. | KPI description | KPI description | KPI description | Assessment criteria |
| COH 1.1 | No. of new Farmer Groups delivering cocoa | No. of new Farmer Groups delivering cocoa | No. of new Farmer Groups delivering cocoa | <p>This indicator reports any Farmer Groups who delivered Horizons cocoa in the year ended 31 August 2018 but did not do so in the previous year ended 31 August 2017.</p> <p>This indicator reports the gross number of new Farmer Groups added to the scheme, and does not subtract any “leavers” from the gross total.</p> <p>Note that Nyonkopa is the sole Cocoa Horizons Farmer Group in Ghana.</p> |
| COH 1.2 | No. Farmer Groups delivered Horizons cocoa in the year ended 31 August 2018 | No. Farmer Groups delivered Horizons cocoa in the year ended 31 August 2018 | No. Farmer Groups delivered Horizons cocoa in the year ended 31 August 2018 | This indicator refers to the total number of Farmer Groups which delivered at least 1kg of Horizons cocoa to a Barry Callebaut Buying site, in the year ended 31 August 2018, for which a Cocoa Horizons premium payment has been paid. |
| COH 1.3 | % of the Farmer Groups signed all 4 governing charters 1.3.1 the Supplier Code; 1.3.2 the Cocoa Horizons Convention; 1.3.3 the Child Labor Charter; and 1.3.4 a declaration that cocoa is not and will not be sourced from protected forests | The licenced buying company Nyonkopa Ltd., delivered Horizons cocoa in the year ended 31 August 2018 and has signed the 4 governing charters | % of the Farmer Groups signed all 4 governing charters 1.3.1 the Supplier Code; 1.3.2 the Cocoa Horizons Convention; 1.3.3 the Child Labor Charter; and 1.3.4 a declaration that cocoa is not and will not be sourced from protected forests | <p>This indicator refers to the proportion of Cocoa Horizons Farmer Groups which signed each of the four governing charters expected of a Farmer Group, as follows:</p> <p>(1) the Supplier Code;</p> <p>(2) the Cocoa Horizons Convention;</p> <p>(3) the Child Labor Charter; and</p> <p>(4) a declaration that cocoa is not and will not be sourced from protected forests.</p> |

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| COH 1.4 | No. Group Members delivered Horizons cocoa in the year ended 31 August 2018 | No. Group Members delivered Horizons cocoa in the year ended 31 August 2018 | No. Group Members delivered Horizons cocoa in the year ended 31 August 2018 | The total number of Group Members who delivered at least 1kg of Horizons cocoa to a Cocoa Horizons Farmer Group during the year ended 31 August 2018, for which a Horizons premium is owed or has been paid. |
| COH 1.5 | No. of Farmers are registered Cocoa Horizons Group Members in the year ended 31 August 2018 | No. of Farmers are registered Cocoa Horizons Group Members in the year ended 31 August 2018 | No. of Farmers are registered Cocoa Horizons Group Members in the year ended 31 August 2018 | This indicator relates to the number of Group Members of each of the Cocoa Horizons Farmer Groups for the year ended 31 August 2018, whether the Group Member delivered Horizons cocoa in the period or not. |
| COH 1.6 | No. of Farmers who completed a census interview | No. of Farmers who completed a census interview | No. of Farmers who completed a census interview | <p>This indicator relates to the number of Group Members who, during the year ended 31 August 2018, took part in a census interview performed either by a member of Barry Callebaut staff or by external consultants appointed by Barry Callebaut. The census includes questions regarding, amongst other things:</p> <ul style="list-style-type: none"> - Information about the Farmer and farmer's household themselves (such as date of birth, preferred language, education level, household size); - Information about the farm, farming and agriculture; and - Information about sources of income (including cocoa, non-cocoa agricultural and non-agricultural income). |
| COH 1.7 | No. of farms that has been mapped with a GPS tracker | No. of farms that has been mapped with a GPS tracker | No. of farms that has been mapped with a GPS tracker | This indicator relates to the number of farms, during the year ended 31 August 2018, that were mapped and entered onto a central database by Barry Callebaut staff, or by external consultants appointed by Barry Callebaut, using a GPS tracker. |
| COH 2.1 | No. Tonnes of Horizons cocoa delivered during the year ended 31 August 2018 | No. Tonnes of Horizons cocoa delivered during the year ended 31 August 2018 | No. Tonnes of Horizons cocoa delivered during the year ended 31 August 2018 | The number of tonnes of cocoa delivered to a Barry Callebaut buying site (in Côte d'Ivoire, SACO, in Ghana, Nyonkopa and in Cameroon, SIC) during the year ended 31 August 2018, grown by Horizons Group Members, for which a Horizons premium payment is owed or has been paid. |
| COH 2.2 | All Horizons cocoa sales are documented and balanced against sourced volumes 2017/18 closed with cumulative surplus of No. Tonnes of volumes sourced against volumes sold (as per the stipulations related to mass balance described in the overview) | All Horizons cocoa sales are documented and balanced against sourced volumes 2017/18 closed with cumulative surplus of No. Tonnes of volumes sourced against volumes sold (as per the stipulations related to mass balance described in the overview) | All Horizons cocoa sales are documented and balanced against sourced volumes 2017/18 closed with cumulative surplus of No. Tonnes of volumes sourced against volumes sold (as per the stipulations related to mass balance described in the overview) | <p>From the first Barry Callebaut buying point onwards downstream, Horizons products follow the principle of mass balance, where sales volumes shall not exceed source volumes by more than 50% in any given year, and such shortfalls must be compensated in the following fiscal year.</p> <p>A mass balance system allows for the non-physical attributes and characteristics (such as country of origin or certification standard) of beans input into a system to be re-allocated to other beans in the system, as long as the number of beans output with each characteristic balances against those input at least once every three years.</p> |
| COH 3.1 | No. of active demonstration plots at the end of the year 2017/2018 | No. of active demonstration plots at the end of the year 2017/2018 | N/A | A demonstration plot is part of a Group Member's cocoa farm, readily accessible to other Farmers and Group Members, which showcases best practice production protocols. These demonstration plots can be visited by Farmers alone or during training sessions. 'Active' demonstration plots are defined as those which are in use by the Farmers and Group Members. |

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| COH 3.2 | No. of ha replanted or prepared for replanting | N/A | N/A | <p>This indicator measures the number of hectares owned by cocoa Farmers who have signed up for the Replanting Package and received cocoa seedlings and shade tree seedlings as a result.</p> <p>The hectares replanted includes both 'underplanting' and fully replanted plots.</p> <p>Full replanting refers to the removal of old cocoa trees and replacing them with young cocoa seedlings.</p> <p>'Underplanting' refers to the planting of young cocoa seedlings alongside old cocoa trees, which are removed only after new cocoa trees start to bear fruit. Furthermore, a number of shade trees are planted alongside the young cocoa seedlings.</p> <p>In Côte d'Ivoire 1,000 cocoa seedlings and 140 shade trees are distributed as part of the Replanting Package.</p> |
| COH 3.3 | No. of Farmers who have access to Farm Development Plan | N/A | N/A | <p>This indicator relates to the number of Farmers for whom a Farm Development Plan was calculated, offered and signed during the year ending 31 August 2018.</p> |
| COH 3.4 | 3.4.1 No. of cocoa seedlings distributed 3.4.2 No. of Farmers benefitting from cocoa seedlings distribution 3.4.3 No. of shade trees distributed 3.4.4 No. of Farmers benefitting from shade tree seedlings distribution | 3.4.1 No. of cocoa seedlings distributed 3.4.2 No. of Farmers benefitting from cocoa seedlings distribution 3.4.3 No. of shade trees distributed 3.4.4 No. of Farmers benefitting from shade tree seedlings distribution | N/A | <p>This indicator relates to the cocoa seedlings and shade tree seedlings (i.e. those trees planted to provide sufficient shade to aid the growth and productivity of cocoa plants) distributed to Group Members. In Côte d'Ivoire this comes as part of the Cocoa Horizons Replanting Package and community nurseries. In Côte d'Ivoire, Farmers with access to the Replanting Package have received 1,000 cocoa seedlings and 140 shade tree seedlings per hectare of their farm.</p> <p>In Ghana, cocoa nurseries are supported through delivery of cocoa pods for seedling production and shade trees are distributed by a contracted third party.</p> |
| COH 3.5 | No. cocoa Farmers have received at least one productivity intervention (eg. productivity package, coaching, inputs, tools, seedlings or finance) | No. cocoa Farmers have received at least one productivity intervention (eg. productivity package, coaching, inputs, tools, seedlings or finance) | N/A | <p>This indicator relates to the number of Farmers who in the year ended 31 August 2018 have benefitted from at least one CocoaAction related productivity intervention. That means a farmer who has received at least one training in GAP, replanting or planting module.</p> |

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| COH 3.6 | <p>3.6.1 A sample of No. Farmer Group Members were visited as part of a pilot observation exercise performed by the Foundation Month Year, and it was identified that, of the No. Farmer Group Members visited: 3.6.2 % were found to have access to planting material; 3.6.3 % were found to have access to fertilizer; 3.6.4 % were found to have applied soil fertility management; and 3.6.5 % were found to have rehabilitated their cocoa farms.</p> | <p>3.6.1 A sample of No. Farmer Group Members were visited as part of a pilot observation exercise performed by the Foundation Month Year, and it was identified that, of the No. Farmer Group Members visited: 3.6.2 % were found to have access to planting material; 3.6.3 % were found to have access to fertilizer; 3.6.4 % were found to have applied soil fertility management; and 3.6.5 % were found to have rehabilitated their cocoa farms.</p> | N/A | <p>Each of these KPIs are based upon the results of a survey performed with a sample of Group Members by Barry Callebaut field staff in October and November 2018.</p> <p>The KPIs are based upon responses given by the Group Members as to whether they:</p> <p>Have access to planting material - A Group Member with "access to planting material" is one who, when questioned at interview, responded that his or her plot had been regenerated in the last 12 months. This indicator aligns to CocoaAction Indicator 1.2.1a "Percentage of targeted Farmers with access to planting material distribution points";</p> <p>Have access to fertilizer – A Group Member with access to fertilizer is one who, when questioned at interview, responded that he or she was able to obtain fertilizer from a fertilizer distribution point (such as a Farmer Group) without encountering challenges related to cost, distance or timeliness. This indicator aligns to CocoaAction Indicator 1.3.1a "Percentage of targeted Farmers with access to fertilizer distribution points";</p> <p>Applied soil fertility management - A Group Member applying soil fertility management is one who was able to provide evidence to enumerators of having applied manure, mulch or organic debris to the soil on their farm. This indicator aligns to CocoaAction Indicator 1.3a "Soil Fertility Management Practice 1: Soil Health Management". There were 3 areas of focus - soil health management, soil nutrient replenishment and soil erosion protection. A Group Member was considered to have applied soil fertility management if he/she a) scored more than 70% in the queries on soil health management, (b) owned fertilizer which covered at least 25% of trees in the plot, and (c) could provide evidence to the enumerators of having soil erosion control practices and correct application in place; and</p> <p>Rehabilitated their cocoa farm – A Group Member rehabilitating their cocoa farm is one who, when questioned at interview, responded that he or she had replanted, grafted or rehabilitated part of their cocoa farm in the last 12 months. This indicator aligns to CocoaAction Indicator 1.2a "Percentage of Targeted Farmers Rehabilitating Their Cocoa Farms to a Minimum Degree". The Group Member was considered to have rehabilitated their cocoa farm if, based on their responses to the survey, (a) the number of hybrid seedlings planted in their farm covered at least 3% of their total plot, and (b) the planting material used was of improved quality as opposed to conventional.</p> <p>Where CocoaAction indicators are referred to above, further information can be found in the World Cocoa Foundation's CocoaAction Monitoring & Evaluation guide, available at http://www.worldcocoaoundation.org/wp-content/uploads/20160427-HR_CocoaAction-MandE-Guide-1.pdf.</p> |
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| COH 3.7 | Total no. of accredited community professionals (sprayers, pruners, nurserists) | Total no. of accredited community professionals (sprayers, pruners, nurserists) | Total no. of accredited community professionals (sprayers, pruners, nurserists) | An accredited community professional is a sprayer, pruner or nurserist who has participated in a course to enhance their practice, obtained a passing mark (of at least 50%) in the test at the end of the course, and so subsequently received accreditation in their role as a Cocoa Horizons community professional. |
| COH 3.8 | No. of Farmer Trainers accredited in FY 2017/2018 and the total no. of Farmer Trainers accredited since 2014 | No. of Farmer Trainers accredited in FY 2017/2018 and the total no. of Farmer Trainers accredited since 2014 | No. of Farmer Trainers accredited in FY 2017/2018 and the total no. of Farmer Trainers accredited since 2014 | <p>An accredited Farmer Trainer is a Farmer Trainer (i.e. Farmer Group employees who deliver training courses to Group Members) who has participated in a course to enhance their practice, obtained a passing mark (of at least 60%) in the test at the end of the course, and so subsequently received accreditation in their role as a Cocoa Horizons Farmer Trainer.</p> <p>In Côte d'Ivoire, this indicator refers to Farmer Trainers who gained such an accreditation in Côte d'Ivoire prior to the year ended 31 August 2018.</p> <p>In Ghana, the indicator refers to Nyonkopa "Technical Officers" (who facilitate the "training of trainers" courses), who have participated in the course and passed the test prior to 31 August 2018, in order to perform this role.</p> <p>In Cameroon, this indicator refers to Farmer Trainers who gained such an accreditation prior to the year ended 31 August 2018.</p> |
| COH 3.9 | All Farmer Groups and Farmer Trainers have been trained | All Farmer Trainers have been trained | N/A | <p>This indicator presents the proportion of Farmer Trainers and Farmer Group representatives who have participated in at least the minimum amount of Cocoa Horizons training commensurate to their role, and scored at least 60% in the tests associated with this training.</p> <p>In Côte d'Ivoire:</p> <ul style="list-style-type: none"> ● Farmer Trainers complete, on an annual basis, the minimum modules of: Quality, Traceability, Good Agricultural Practices, Protection of the Environment and Health & Safety; ● Administrators and Farmer Trainers, are trained in Quality, Traceability, Good Agricultural Practices, Environmental Protection, Gender Equality and Health & Safety; ● Warehouse keepers complete Quality and Traceability module; and ● Directors, Treasurers or Presidents participate in the Business skills module. <p>Further to this, Farmer Trainers and Farmer Group representatives must also complete a minimum of at least one Child Protection module once per three-year cycle.</p> <p>In Ghana, a Farmer Trainer refers to a Technical Officer. These Technical Officers are trained and tested on the following modules:</p> <ol style="list-style-type: none"> 1. Communication/facilitation skills 2. Training approaches and methodologies 3. IPM 4. Cropping calendar 5. Quality and Traceability 6. Child Labor/Gender issues 7. Fertilizer Application/Composting 8. Pruning 9. Erosion control |

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| | | | | <p>10. Health and safety/malaria 11. Establishment of nursery and new farm</p> <p>They also complete a minimum of one Child Protection module once per three-year cycle.</p> <p>In Cameroon, a Farmer Trainers are trained and tested on the following modules and their sub-modules GAP, Environment and Labour & Health conditions (includes sub-module on Child Labor).</p> |
| COH 3.11 | Average attendance rate % per farmer training course held in the fiscal year | Average attendance rate % per farmer training course held in the fiscal year | N/A | <p>This indicator represents the average number of Group Members (who delivered more than 1 kg of Horizons cocoa in the period) in attendance at each of the training modules delivered in the year ended 31 August 2018, expressed as a percentage of the total number of Group Members (who delivered more than 1 kg of Horizons cocoa in the period) in each country.</p> <p>Note that for Ghana, this includes training module on Health and Safety which was taught in one area up until the end of 30 September 2018.</p> |
| COH 3.13 | Multiple farmer training sessions were delivered to registered members of no. of COH Farmer Groups | Multiple farmer training sessions were delivered to registered members of no. of COH Farmer Groups | N/A | <p>Training modules were delivered in Côte d'Ivoire, and Ghana. A large number of courses were held in different locations and at different times, in an effort to make the delivery of the training modules as accessible as possible.</p> <p>In Côte d'Ivoire, these training courses included the following modules:</p> <ul style="list-style-type: none"> - Crop calendar - Regeneration of plot - Soil fertility - Harvest and post-harvest - Plot size - Protection of the environment - Management and administration training - Transparency and responsibility - Fight against pandemic and epidemic diseases - Tackling child labor practice - Health and safety - Integrated control of diseases and pests <p>In Ghana, these training courses included the following modules:</p> <ul style="list-style-type: none"> - Crop calendar - Pruning - Fertilizer application - Gender and child labor - Quality and traceability - Establishment of Nursery and New Farm - Erosion control - Integrated pest management and crop protection - Health and safety |
| COH 4.1 | No. of community members attending the sensitization events on Child Labor via the Cocoa Horizons truck | N/A | N/A | <p>The Cocoa Horizons truck is a media-enabled vehicle used to deliver training and sensitization sessions in the field. This indicator states the number of community members who attended child labor sensitization sessions in the year ended 31 August 2018, in which guidance is given on the types of work considered to be unsuitable for children. For the purposes of this indicator, the term "community member" is taken to mean an individual who resides in a</p> |

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| | | | | distinct cluster of villages in close proximity to one another, in which Cocoa Horizons Group Members reside. |
| COH 4.2 | No. of communities reached by the Cocoa Horizons truck | N/A | N/A | The Cocoa Horizons truck is a media-enabled vehicle used to deliver training and sensitization sessions in the field. This indicator states the number of communities visited by the Cocoa Horizons truck in the year ended 31 August 2018. For the purposes of this indicator, the term "community" is defined as a group of individuals living in a cluster of villages in close proximity to one another, in which Cocoa Horizons Group Members reside. |
| COH 4.3 | As of August 2018: 4.3.1 No. of Farmer Groups are covered by CLMRS or equivalent. Farmers and household members participated in the interviews and surveys as part of the CLMRS pilot, of which, 4.3.2 No. of Farmers and household members participated in the interviews and surveys as part of the CLMRS pilot, of which, 4.3.3 No. Were Cocoa Horizons Group Members; and Farmers received a farm visit by CLMRS-trained BC staff. 4.3.4 No. of Child Labor cases were identified as a result of the CLMRS implementation. | As of August 2018: 4.3.1 No. of Farmer Groups are covered by CLMRS or equivalent. Farmers and household members participated in the interviews and surveys as part of the CLMRS pilot, of which, 4.3.2 No. of Farmers and household members participated in the interviews and surveys as part of the CLMRS pilot, of which, 4.3.3 No. Were Cocoa Horizons Group Members; and Farmers received a farm visit by CLMRS-trained BC staff. 4.3.4 No. of Child Labor cases were identified as a result of the CLMRS implementation. | N/A | <p>This indicator relates to the number of instances of child labor identified as part of CLMRS interviews in the year ended 31 August 2018.</p> <p>In alignment with the International Labor Organization, child labor is work that deprives children of their childhood, their potential and their dignity, interferes with their schooling and is harmful to physical and mental development. The Child Labor Monitoring Remediation System ("CLMRS") is a system consisting of a database supported by data collection and survey applications for use on tablets and mobile phones. This indicator explores the use of the data collection and survey functionality of the CLMRS with Members of Farmer Groups in the year ended 31 August 2018.</p> <p>In using this functionality, Farmers and members of their households were surveyed regarding the number of children aged between 5 and 17 residing in the household. Where such children were identified, they were individually surveyed regarding their role on the farm, and observation visits were subsequently performed at related farms.</p> <p>As part of these interviews with children and observations regarding their role on the farm, a number of children were identified as performing tasks considered to be dangerous. Such instances have been recorded within the "child labor cases identified".</p> <p>The definitions of "child labor cases identified" in this indication have been taken from the International Labour Organization (ILO). The different categories of child labor as described by ILO can be inferred below:</p> <ul style="list-style-type: none"> ● 'Heavy child labor'. These are tasks considered to be dangerous, such as the handling of heavy equipment or use of farming chemicals. These are classed as a "child labor case identified" for children of all ages. ● 'Light child labor'. These are tasks which are less dangerous but can still be hazardous, such as weeding with a machete or removing beans from cocoa pods broken by adults. These are classed as a "child labor case identified" for all children under the age of 13 years old, and for children of ages from 13 to 17 years old depending on the number of hours they have been performing these tasks per week. <p>Additionally, this indicator includes child labor cases identified in Farmer Groups, which are part of Barry Callebaut's Child Labor Monitoring and Remediation</p> |

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| | | | | <p>(CLMRS) program as well as child labor cases identified in Farmer Groups, which are not part of the CLMRS program but have been surveyed by Barry Callebaut's external surveyors.</p> <p>There have been no child labor remediation activities in the year ended 31 August 2018.</p> |
| COH 4.4 | 100% of Cocoa Horizons communities and societies assessed to determine risk profile for Child Labor | 100% of Cocoa Horizons communities and societies assessed to determine risk profile for Child Labor | 100% of Cocoa Horizons communities and societies assessed to determine risk profile for Child Labor | A third party consultant database, Maplecroft, has been used in order to assess the risk profile of child labor in Côte d'Ivoire, Ghana and Cameroon based on the countries labor laws and overall child labor risk. The assessment has been done at country level and as such when a country has been assessed it is assumed that all communities and societies within that country have also been assessed. |
| COH 4.5 | <p>4.5. No. of education-related interventions were performed, including:</p> <p>4.5.2 No. of rural primary schools were constructed or expanded, resulting in</p> <p>4.5.7 No. of borehole and pump installed at a rural primary school</p> <p>4.5.8 No. of birth certificates which have been paid</p> <p>4.5.9 No. of school kits distributed</p> | 4.5.7 No. of boreholes and pumps installed at a rural primary school | N/A | <p>For Côte d'Ivoire, this indicator relates to the number of community development activities undertaken with a direct impact upon primary school education. Such "education-related interventions" could include:</p> <ul style="list-style-type: none"> • The construction or expansion of rural primary schools; • The donation of desks, benches, blackboards or solar panels to a rural primary school; • The construction of separate latrines for girls and boys at a rural primary school; • The construction and canteen and / or cooking facilities at a rural primary school; • The construction of teacher housing units at a rural primary school; • The installation of a borehole and pump at a rural primary school; or • The distribution of school kits (comprising school bag, notebooks, pencils and ruler) to primary school-age children. <p>For the year ended 31 August 2018, education-related interventions were restricted to the distribution of school kits only.</p> <p>For Ghana, this indicator relates to the number of community development activities undertaken (not necessarily with a direct impact upon primary school education). The only interventions for Ghana for the year ended 31 August 2018 are the installation of boreholes and pumps.</p> |
| COH 4.6 | No. of women Farmers delivered Horizons cocoa in the year ended 31 August 2018 | No. of women Farmers delivered Horizons cocoa in the year ended 31 August 2018 | No. of women Farmers delivered Horizons cocoa in the year ended 31 August 2018 | This indicator states the number of female Group Members who have delivered at least 1kg of Horizons cocoa to a Horizons Farmer Group, for which a Horizons premium is owed or has been paid, during the year ended 31 August 2018. |
| COH 4.7 | No. women are registered members of Cocoa Horizons Farmer Groups | No. women are registered members of Cocoa Horizons Farmer Groups | No. women are registered members of Cocoa Horizons Farmer Groups | This indicator relates to the number of Female Group Members of each of the Cocoa Horizons Farmer Groups for the year ended 31 August 2018, regardless of whether the Group Member delivered Horizons cocoa in the period. |

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| COH 4.8 | No. of women are in governance positions within Cocoa Horizons Farmer Groups | No. of women are in governance positions within Cocoa Horizons Farmer Groups | No. of women are in governance positions within Cocoa Horizons Farmer Groups | <p>This indicator states the number of Farmer Group governance positions held by women during the year ended 31 August 2018.</p> <p>In Côte d'Ivoire, the term “governance position” includes the following roles: Director of a Farmer Group, Administrator of a Farmer Group, Village coordinator of a Farmer Group, Trainer of a Farmer Group.</p> <p>In Ghana, the term “governance position” includes the following roles: Director, Port Manager or District Manager of Nyankopa or Lead Farmer, Treasurer, Purchasing Clerk, Welfare Officer, Chairperson or Communications Coordinator of a society (a sub-section of the Nyankopa Farmer Group, unique to Ghana).</p> <p>In Cameroon, the term “governance position” includes the following roles: Director, Administrator (ADG), Cashier, Secretary, Warehouse Keeper of a Farmer Group, Farmer Trainer of a Farmer Group.</p> |
| COH 4.9 | 4.9.1 No. of women participated in the agroforestry training; 4.9.2 No. became agroforestry trainers in a program that started in 2015/16; and thus 4.9.3 bringing the number of women who have completed the program since its inception in 2013/14 to no. | N/A | N/A | <p>The Women’s Agroforestry Training Program comprises of interactive classroom training as well as land clearing and planting activities with a variety of crops, with the aim to support family consumption or income generation by sale. This indicator states the number of women who participated in the program in the year ended 31 August 2018, as well as aggregating this figure to show the number of women who have completed this program since it commenced in the year ended 31 August 2014.</p> <p>The total figure declared for this indicator includes both the women who participated in the full roll-out of the program, as well as the women who were initially trained by external consultants, who then went on to tutor in the full roll-out.</p> |
| COH 5.1 | % of Farmers who delivered Horizons cocoa in the fiscal year have received the Cocoa Horizons Premium. | % of Farmers who delivered Horizons cocoa in the fiscal year have received the Cocoa Horizons Premium. | % of Farmers who delivered Horizons cocoa in the fiscal year have received the Cocoa Horizons Premium. | <p>This indicator reports the percentage of Group Members who delivered Horizons cocoa and received the Cocoa Horizons Premium as a result.</p> <p>The Cocoa Horizons Premium is a cash payment per each kilogram of delivered Cocoa Horizons cocoa to Group Members and Farmer Groups. In Côte d'Ivoire and Cameroon, the premium payment is equally split between a Group member and the Farmer Group to which the Group Member belongs; in Ghana the premium is paid out in full to Nyankopa Group Members.</p> <p>This excludes Lead Farmer incentive payments made in Ghana to Farmers who assist in the facilitation of training courses.</p> |