



Barry Callebaut Collaboration for climate in the supply chain

October 22nd, 2021

Today

Our targets and footprint

Climate projects in our supply chain

The Gold Standard Value Change Program

Collaboration model

Forever Chocolate: our plan to make sustainable chocolate the norm by 2025

Prospering Farmers

By 2025, more than 500,000 cocoa farmers in our supply chain will have been lifted out of poverty

Zero Child Labor

By 2025 we will eradicate child labor from our supply chain

Thriving Nature

By 2025 we will be carbon and forest positive

Sustainable Chocolate

By 2025 we will have 100% sustainable ingredients in all our products

OUR MEASURED IMPACT 2019/20

Key Metric

7.8

Million tonnes CO₂e

The carbon footprint in our supply chain from farm to customer

Enabling KPIs

3.65

CO₂e intensity per tonne of product

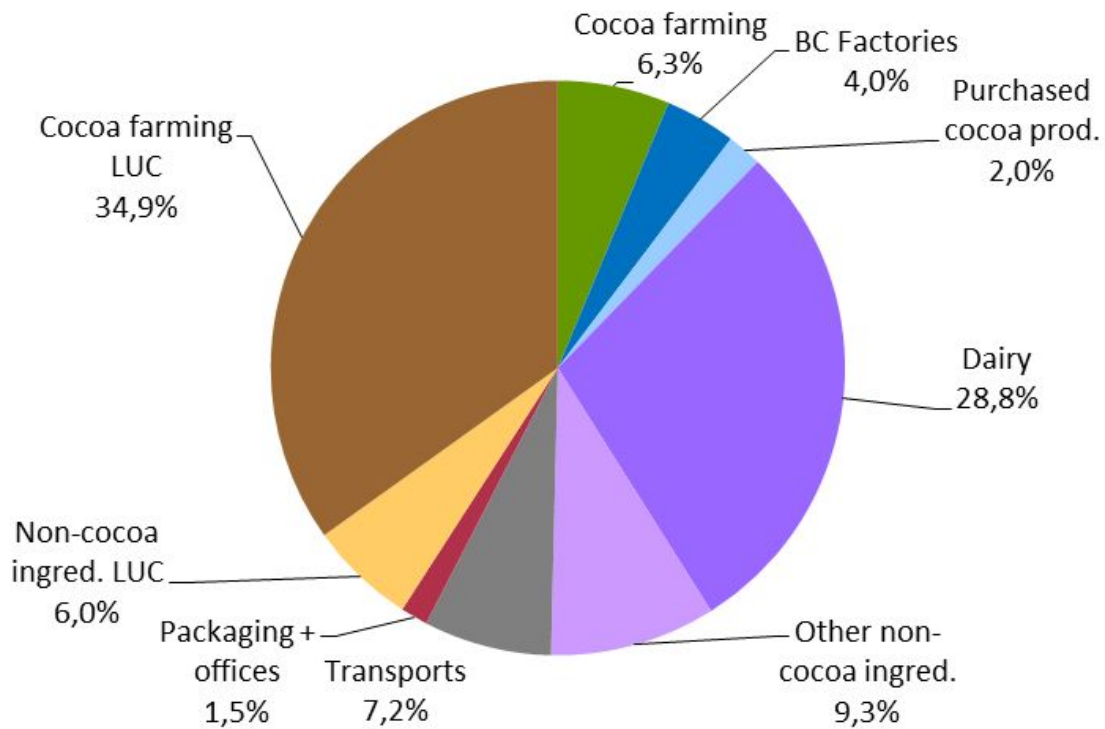
34%

Sourced raw materials demonstrated not to be contributing to deforestation

-8.1%

reduction in carbon footprint

Carbon footprint: largest contribution from Land Use Change



Climate projects in our supply chain

Nature Based Carbon Removals

- **Agroforestry:** Planting non-cocoa trees on farm to increase carbon sequestration and improve farmer income diversity
- **Restoration:** Planting non-cocoa trees off farm in cocoa communities to increase carbon sequestration, conserve biodiversity and water resources

→ Removals towards Carbon positive target, Remediation of LUC emissions

Emission Reduction Projects

- Subsidizing **feed additives** to reduce methane emissions from dairy cattle in the US

→ Reductions of our dairy footprint



Gold Standard Value Change program: the credible alternative to full carbon credit certification

The Gold Standard Value Change program aims to unlock **credible Greenhouse Gas claims for corporate reporting in line with GHG Protocol and Science-based Targets**

The program certifies 'interventions' which are undertaken within or around the value chain to reduce emissions. The program is aligned to the GHG Protocol Scope 3 guidance and contributes to UN SDG 13 - Climate Action and many other SDGs depending on the intervention (eg. livelihoods, biodiversity etc...).

The program:

- Creates a framework for claiming benefits from interventions within the value chain
- Is independently 3rd party verified by SustainCert
- Aligns to accepted GHG accounting standards (GHG Protocol)
- Does NOT generate tradeable units that could be used offsetting

Barry Callebaut's positive impacts so far

More information on the impact of the program so far can be found [here](#).

91,035 tCO₂e

158,404 tCO₂e

TBC tCO₂e

2018/19

2019/20

2020/21

2021/22

INITIATING THE VALUE CHAIN PROGRAM

carbon intensity: 1.01 % reduction / t of product

cocoa program: 91,035 tCO₂e removed or sequestered through tree & cookstove distribution

diary program: not started

SECOND PILOT YEAR

carbon intensity: 6.9 % reduction / t of product

cocoa program: 156,712 tCO₂e removed or sequestered through tree & cookstove distribution

diary program: 1,692 t CO₂e reduced

MATURITY PHASE

carbon intensity: XX % reduction / t of product

cocoa program: xx tCO₂e removed or sequestered through tree & cookstove distribution

diary program: XX t CO₂e reduced

SCALING UP!

carbon intensity: XX % reduction / t of product

cocoa program: xx tCO₂e removed or sequestered through tree & cookstove distribution

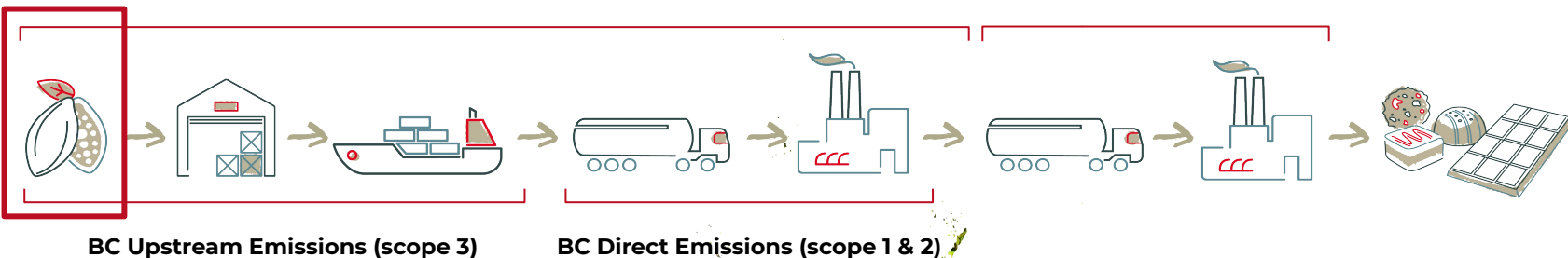
diary program: XX t CO₂e reduced

Collaboration is key - Co-Claiming & Co-Funding

- ❖ BC's scope 3 upstream emissions are also our customer's scope 3 upstream, so **we can co-claim** any reductions therein.
- ❖ The vast majority of our projects is **co-funded** with our customers.
- ❖ BC is piloting also carbon credit generation for dairy, which enable **additional funding from the carbon markets**.
- ❖ Partnerships with **public actors** is key enabler to further scale such collaboration models.

Customer Upstream Emissions (scope 3)

Customer Direct Emissions (scope 1&2)





Thank you!

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Our Projects - **AGROFORESTRY**

We achieve carbon balanced through our high quality carbon projects

Agroforestry



Project: Implementing **agroforestry systems** on farm by **distributing trees** to cocoa growing communities. Trees species include fruit trees which provide additional income whilst absorbing carbon from the atmosphere.

Locations: Ghana, Côte d'Ivoire

Carbon impact: verified each year by **SustainCert** as part of the **Gold Standard Value Chain Program**

Co-benefits: improved farmer income, cocoa productivity, biodiversity

Our Projects - **ECOSYSTEM RESTORATION**

We achieve carbon balanced through our high quality carbon projects

Ecosystem Restoration



Project: Restoring and conserving degraded land in high conservation value areas

Locations: Côte d'Ivoire, Indonesia

Carbon impact: 3rd party verified each year

Co-benefits: habitat creation, biodiversity enhancement, ecosystem services, community benefits