

## Project title : CACO2 - Carbon offset program for Alter Eco

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Côte d'Ivoire	75 000 €	Carbon accounting	Alter Eco, PCBM - Coopérative des Producteurs de Cacao Bio de la Mé	June 2017 - June 2020

### Project's goals and results

#### Main goals

To offset 30% of greenhouse gases emissions of the involved brand, ie. **6,557 tonnes of CO2 for the years 2016, 2017 and 2018**

#### Specific objectives

To demonstrate that the model of Payment for Environmental Services (PES) implemented in the field (premiums of 500 FCFA / kg for organic agroforester cocoa!) has effectively allowed the neutralization of CO2 tonnage required annually by Alter Eco.

This requires calculating the delta between a baseline scenario (what would have happened without the program?) and a project scenario (what will actually happen with the program?)

#### Beneficiaries

##### Climate!

Coop. PCBM members

Alter Eco who will be able to value its carbon offset

#### Results

**R1.** Reference scenario = **5,672 tonnes of CO2** would have been generated with the conversion of cocoa trees into rubber plantations

**R2.** Project scenario = **0 tonne of CO2** because carbon stocks in the layer of standing cocoa trees are preserved, thanks to agroforestry premium paid by the brand

**R3.** Delta = **5,672 tonnes of CO2, ie. 85% of the volume to be neutralised**, the remaining 15% having been neutralized through the sale of carbon credits (= tons of CO2) generated by the project implemented by Nitidæ around the [Gilé National Reserve](#) (Mozambique).

**R4.** Environmental co-benefits: preservation of a significant biodiversity, with 4,771 recorded elements divided into 218 species, 96 types and 34 families

**R5.** Social co-benefits: out of the 128 recorded species, 126 are used by local population for artisanal, medicinal, energy or food purposes

#### Activities

**A1.** Conduct an exhaustive inventory of the tree layer to assess, as accurately as possible, standing carbon stocks (excluding cocoa trees)

**A2.** Conduct an ethnobotanical survey of all beneficiaries of the program

**A3.** Definition of the reference scenario and of the project scenario