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 CO_2 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 CO_2 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 is able to value its carbon offset

Results
R1. Reference scenario = **5,672 tonnes of CO_2** would have been generated with the conversion of cocoa trees into rubber plantations
R2. Project scenario = **0 tonne of C02** 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 CO_2, ie. 85% of the volume to be neutralised**, the remaining 15% having been neutralized through the sale of carbon credits (= tons of CO_2) 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