

Project title : GHANASHEA - Diagnosis of small-scale production units of shea butter and design of an industrial unit

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Ghana	7000 €	Shea expertise	Savannah Fruits Company	June 2019 - July 2019

Project's goals and results

Main goals

Conduct of a diagnostic study on all 21 artisanal production sites of shea butter and for assistance in the conversion of a center into an industrial unit with a capacity of 2 tons/day of finished product butter

Specific objectives

- Analyze existing production centers and make recommendations to improve working conditions, production performance and environmental performance (water, energy, waste)
- Design the transformation of a craft center into an industrial center of butter capacity of 2 tons/day

Beneficiaries

Shea collector and transformation women for Savannah Fruits Company

Results

R1. Report with the description of the operation of the production centers

- The conclusions of the analysis of the collected data
 - The formulation of the performance improvement tracks
 - The conclusions of the expert on the ability of the company to implement the recommendations
- R2.** Expert conclusions on the mission, accompanied by a global equipment plan for all production sites with budget estimate
- A description of the proposed performance improvement solutions
 - An offer of support for the implementation of all or part of the plan

Activities

A1. Diagnosis of production center

- Visit at least 5 production centers among 21 units
- Interviews with managers and workers carried out to understand production methods and define the flow of products, water, energy and waste around the production
- Formulation of recommendations for the development of the activities and the improvement of the performances according to different criteria (speed of production, environment ...)
- Exchanges at the end of the mission with the sponsors will widen the conclusions to the 21 production centers

A2. Design of an industrial center

- Additional working time planned with the managers and main decision-makers of the increase in production volume as well as with the future operators of this center
- Definition of the desired objectives with the new production center and the methods of implementation and desired operations