



Kinta, the future of Kimbondo

PREMISE

The project was created to meet four main needs:

1. Provide the food for the orphaned and abandoned children who are guests of the Paediatric Foundation of Kimbondo;
1. Contribute to reducing the financial dependence of the FPK from external donations;
2. Create job opportunities for FPK's boys once they reach the appropriate working age;
3. Collaborate in the development of the population of the plateau de Bateke;

This is a project of International Development Cooperation born in close synergy and agreement with the local Congolese populations and entities. In fact, the project has been parallel to previous projects like the start of the agricultural pole, the creation of local social facilities and services such as the school, a clinic and a water purifier, in a highly decentralized area where these services were practically absent or inadequate.

The project represents one of the three strategic projects on which the future sustainability of the FPK is based. The fields of activities in which the project is structured allow the acquisition of the *know-how* and therefore the growth of the technical, managerial, organizational, economic and commercial skills.

CONTEXT

The R.D. of Congo in 2015 was located as 176th on 188 nations surveyed by the Human Development Index. This condition is a sign of a low quality of life for the entire population, especially for children, and sick/disabled people.

The FPK, which Hub For Kimbondo supports, is located on the outskirts of Kinshasa and not only manages a paediatric hospital (the only essentially free of the whole area), with 200 beds and a total of 15,000 visits per year, but it also takes care of the hosting of around 500 children, of which 90/95 disabled and 100/110 aged 0 to 4 years. FPK takes care of their health, nutrition, education and education.

Over the years, following the donations and investments, the FPK of Kimbondo has acquired land in the Plateau de Bateke, which if properly used will cover a significant percentage of managing costs of the FPK as well as guaranteeing jobs and supplies to the populations living on the plateau. The agricultural pole consists of 1,250 hectares and is crossed by the Lumene River, which provides water even in the dry season. The main problem lies in the difference in height of over 150 mt between the base of the river and the plateau where most of the potentially cultivable fields are present.

BRIEF PROJECT DESCRIPTION

Once the intervention model is defined, the project intends to pursue the optimization of the use of the potential of the site, respecting natural methods. Regarding agricultural activities by identifying



the appropriate cultures and techniques, through the systematic analysis of the land, implementing the activities of breeding, creating the appropriate synergies between agriculture and breeding, making available the necessary means of transport and work, realizing the necessary structures for irrigation, storage, processing and marketing.

PURPOSES

Drawing inspiration from the objectives of the "*Sustainable food production and income generation*" program (IUCN and FAO - Food Safety Conference, Rome 2010), the project intends to contribute to the reduction of malnutrition in developing countries. In parallel, considering that the Republic Democratic Congo is located in the last 15 of the 188 countries surveyed for Human Development Index, the operational, logistic and managerial training that the project proposes, intend to contribute to the working insertion of the local population, the reduction of the unemployment rate and the overall well-being of the local area.

GENERAL OBJECTIVE

The project intends to contribute to the maintenance of food and to the self-sustaining of the FPK and of the populations living in the Kinta district through the enhancement of human and natural resources, ensuring the quantitative and qualitative improvement of food and consequently of health.

SPECIFIC OBJECTIVES

<u>Agriculture</u>	Increase agricultural production by identifying more crops suitable for the land and modernization of agricultural vehicles; Ensure production even in the dry season by installing one water pumping station and an irrigation system;
<u>Breeding</u>	Start the breeding activities, ensuring their reproductively, health and marketing through the application of adequate sanitary standards;
<u>Processing</u>	Increase the commercial value of products sold through processing; Take advantage of all possible synergies such as composting.
<u>Structures</u>	Realize the structures and guarantee the electrical energy necessary for the conservation, processing and transformation of products; Make these facilities also at disposal of small production companies Inside the Plateau area. Improve contacts with the outside;
<u>Commerce</u>	Create appropriate commercial channels and optimize transport processes and sale. Use commercial channels and transport capacity for both buying and selling direct and in support of small local production;
<u>Social Activities</u>	Improve the quality of life, education and the health and hygiene aspects of populations living on the Plateau;



OPERATIONAL ASPECTS

The project will pursue a close synergy between local populations and European experts and co-operators according to a model that will allow the exchange of skills and knowledge. The project will then take action in terms of mutual training that may come from both local populations and external staff.

EXPECTED RESULTS

SCOPE	ACTIVITIES	EXPECTED RESULTS
<u>Agriculture</u>	Characterization of the land	Finding the most suitable crops for the land. Definition of slopes and "tagging" of the different lands.
	Topographic measurement	
	Pumping station construction e sliding irrigation system	Irrigation of 200 hectares of land and agricultural production also active in the dry season.
	Cleaning of non-productive lands	Production on 200 hectares of land
	Purchase of equipment	Improvement of the effectiveness of the agricultural production and reduction of the timing of production and collection
	Production of Acacia Mangium to create charcoal and of fruit trees and palm oil	Atmospheric pollution reduction (CO2) and sale of the charcoal.
<u>Breeding</u>	Construction of structures for pigs, cattle and chickens	Security for the animals
	Purchase of the animals	Sufficient number of animals to guarantee reproduction
	Training of local staff	Trained staff able to manage the animals
	Periodic checks of the animals and vaccinations in compliance with Congolese laws	Healthy animals that can be sold in compliance with the Congolese laws
	Animal feeding using crops that can't be used for agriculture, production waste and cultivated products	
<u>Conversion</u>	Conversion of the cultivated products	Maintenance of tubs for the elimination of acid cyanidric (present in the cassava); Construction of a crusher for the squeezing of the palm tree fruits; Construction of a small mill for the production of cassava flour; Recruitment of qualified personnel,



		involved in the transformation of the cassava in kiquangue;
	Slaughterhouse construction	Slaughter of animals in a structure that respects the hygienic and sanitary norms regarding meat preservation
	Production of leather and soap	Reduction of waste deriving from reuse of animal and vegetable waste for the production of leather and soap
	Transformation of the wood resulting from <i>Acacia Mangium</i> into charcoal	Production and sale of charcoal Sale of oil processing residues of palm as pellet (ELSA cooker)
Structures	Installation of a photovoltaic system for the production of electricity necessary for the agricultural pole	Guarantee the energy necessary for production and processing activities in Kinta
	2 Storage silos	
	Telephone connection and internet stable and constant	Improve communication with buyers, suppliers and stakeholders
Commerce	Purchase of 2 vans, one of which with refrigerator	Facilitate transportation and marketing of the products of the agricultural pole
	Identification of sales channels	Creation of a list of buyers
	Construction of an interport at the mouth of the road from Kinta on the provincial road which leads to the capital Kinshasa	Facilitate transportation and marketing of the products of the agricultural pole
Social Activities	Construction of a well with a purifier for drinking water for local populations, for volunteers and co-operators	Improved cooperation with local populations through the sharing of needs, processes and activity
	Construction of a medical dispensary for basic care managed by the staff of the FPK	
	Construction of a school	