



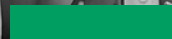
CORAF



WAAPP / PPAO

WEST AFRICA AGRICULTURAL PRODUCTIVITY PROGRAMME
PROGRAMME DE PRODUCTIVITE AGRICOLE EN AFRIQUE DE L'OUEST

Key Results in Ivory Coast



December 2018

Ivory Coast



The Government of Côte d'Ivoire invested, during the period 2011-2016, a total of \$US 44 Million to increase the productivity of banana plantain, rice, cassava, yam and pork value chains. The main activities supported were:

- i. Research and development infrastructural construction and rehabilitation and equipment procurement;
- ii. Training of young scientists and extension agents;
- iii. Technologies and innovation (T&I) generation;
- iv. T&I dissemination for broad adoption.

Major Research & Development; Infrastructural construction & equipment, operational cost (2012 - 2016)

\$US 8.28 Million



Major Renewal of research-development personnel (2012 - 2016)

\$US 0.01 Million

78 Young Scientists Trained

Technologies dissemination between 2012 - 2016

\$US 19.4 Million

310 000 farmers adopted T&I on **254 000 ha**



Major Research & Development activities between 2012 - 2016

20 Technologies and Innovations Released

\$US 8.74 Million

Success Stories



Leaving a secure job to become an agripreneur in Plantain Nursery

While studying at university, Narcisse AMAN wanted to become an agricultural entrepreneur. Today, his dream became a reality thanks to the plantain nursery business introduced in Côte d'Ivoire by the West Africa Agricultural Productivity Programme (WAAPP).

It is in the sub-prefecture of Arrah, over 200 km from Abidjan, that Narcisse AMAN, an Engineer in Agricultural Technology who graduated from the National polytechnical institute Félix Houphouët-Boigny (Institut national polytechnique Félix Houphouët-Boigny, INP-HB) of Yamoussoukro has settled his plantain nursery business since September 2015. The 29 years-old young agricultural entrepreneur a former employee of an agro-industrial company, choose to resign after 3 years to be a full-time nurseryman.

Narcisse AMAN has acquired good practices on off-ground cultivation of plantain seedlings off the ground

called “plantain plant derived from stem fragmentation” (PIF - Technique de Plants Issus de Fragments de Tige) during a training funded by WAAPP. He is part of the 120 youths trained on nursery production to drive the implementation of a formal system of production and multiplication of planting materials of plantain to meet farmers' demand in the country. “After the training, I started with 3 germination decks for a total production of 25,000 plants. The first year was difficult because I was not making any profit. However, the produced seedlings were easily marketed through the partnership agreement between the network of plantain Nurserymen and the Coffee-Cocoa Board”, said Narcisse AMAN.

Based on the success of the first year production, I got for the 2nd year a production contract to supply 171 000 nursery plants under contract with the Coffee and Cocoa Board.

This empowered Narcisse AMAN to move from informal business to a formal legalized business called «CANAN Agri-

culture,». This young entrepreneur has considered diversification as his credo for success. In addition to the production of plantain seedlings, he specialized in the creation and management of plantations for individuals and training in agricultural trades.

“Thanks to this plantain nursery business, in addition to providing for the daily needs of my family, I have acquired a 4x4 vehicle worthing 6 million FCFA for the distribution of the produced plants. I also bought a tricycle at 1.25 million CFA francs for the transportation of employees and working equipment. Furthermore, I take care of my younger brother studies as well as undertook to finish building the family home” he added.

Under agricultural trades, Narcisse AMAN has contributed to train young graduates from agricultural schools. As such, he has already trained three generations of trainees totaling 11. A training partnership was even signed with a regional agricultural school.

This valiant entrepreneur, with business acumen employs 11 staff including 6 permanent staff all paid at the Agricultural minimum wage. In terms of prospects, he is anticipating the production of 300,000 seedlings for the 2015-2016 campaign and intends to invest in the production of off-season plantain on a 30-hectare surface. To this end, he is requesting a support from WAAPP for the acquisition of a complete irrigation system for the off-season plantain production.



Increasing Ivorian Incomes and Opportunities for Employment through Agriculture

Augustin Oussou is a happy man. This poultry farmer from Tieplé, a village located in the center of Cote d'Ivoire not far from Bouaké, is able to live decently off his farming revenues. His poultry sales provide him with a salary that he uses to cover the needs of his family, and have a small savings. "Thanks to this income, I was able to pay the dowry of my fiancée. I am also able to cover the schools fees of my children who attend a private school, even though my village has a public schools," he explained.

Augustin is one of 800,000 Ivorian farmers that has benefited from the West Africa Agricultural Productivity Program (WAAPP), financed by the World Bank. This program aims to improve agricultural productivity through the development and use of certified seeds and the adoption of best practices for livestock farming such as the construction of hen houses (using local material) or the vaccination of poultry. Raising livestock is a promising sector for youth seeking employment. In fact, 30% of WAAPP beneficiaries that are practicing poultry farming are youth. Augustin Oussou is convinced that this sector is a lucrative business and has even taken steps to negotiate with his village authorities about how to provide

training for more young people like himself who wish to invest in this activity.

Oussou is just one on many beneficiaries of the program. Others, such as Albert Kangah, is exploring a different avenue. He produces plantains and runs a nursery in Azaguié, a village approximately 40 kilometers from Abidjan, the economic capital of Cote d'Ivoire. "I am able to produce plantains in the off season that to WAAPP support. In the beginning, I was worried about not being able to sell off my produces. However a media campaign allowed me to reach a large portion of the population creating a lot of demand, sometimes too much to satisfy," says Kangah. With the increase in revenues, he was able to purchase a vehicle for the modest sum of 3 500 000 FCFA (\$7,000 dollars) to deliver his produce faster. As a result, he can deliver an average of 1.5 tons of plantains per week in the off season. He has also hired 14 workers that work full time for his business.

While these results are impressive, for to Jean Paul Lorn, the WAAPP assistant coordinator, the scaling up of the distribution of certified seeds for crops such as manioc and plantains, and of poultry incubators is necessary to

diversify revenue sources for Ivorian farmers. Thanks to the WAAPP, Akissi N'da Kouame, a farmer from Bedressou, a village in central Cote d'Ivoire, has several agricultural activities under her belt. She produces manioc and manioc seedlings, as well as processed manioc. "I started with one or two hectares of manioc, and now I have achieved my dream of becoming a manioc processor with the purchase of a grinder," says N'da Kouame with a smile.

From September 2011 to May 2015, the program has helped improve the livelihoods of 800,000 beneficiaries, of which 49% are women. The project originally had a target of 500,000 beneficiaries. 247,692 hectares are cultivated with certified crops of rice, plantains, corn, yams, and sorghum, all of which were distributed by the project with the aim of covering 150,000 hectares at the end of 2015.

The support of the WAAPP has led to a 22% increase in income for agricultural based households according to the studies conducted by the National School of Applied Statistics (ENSEA).

About WAAPP

The West Africa Agriculture Productivity Program (WAAPP) involves 13 countries. The 10-years program was designed to make agriculture more productive, sustainable and profitable for smallholder farmers in West Africa. Started in 2007, WAAPP also aims to improve the conditions of life of consumers through the provision of agricultural products at competitive prices, build a critical mass of researchers for sound, efficient and collaborative research programs and finally to ensure that technologies generated nationally are available regionally. The WAAPP was established at the initiative of the Economic Community of West African States (ECOWAS) as a response to the renewed commitment by African countries to implement the Comprehensive African Agricultural Development Program (CAADP). Participating countries fund the USD 500 million program through a loan system obtained from the World Bank. At the regional level, the program is coordinated by CORAF. More than two hundred technologies were released and adopted by almost 4,5 million producers and processors on about 4.8 million hectares. These technologies are available on www.mita.coraf.org. WAAPP financed master degree and Ph.D. studies for 1021 youths. This represents 72% of men and 28% women. These young researchers are expected to replace most the agriculture researchers going on retirement. The nine national centers of specializations of countries participating in the program benefitted from the renovation of their infrastructure and new research laboratories were constructed. Two of the centers have been upgraded in regional centers of specialization. This includes the Dry Cereals Center based in Senegal and The Roots and Tuber center based in Ghana. By increasing the primary crops yields between 30% for dry cereals and 150% for rice, fruit, and tubers, the program has had a considerable impact on food security and caloric intake. Caloric consumption rose from 2,777 kcals to 2,964 kcals and the "hunger period" reduced by 28 to 55% according to the commodity. WAAPP has also increased by 34% the economic situation of farmers as well as transformed communities.

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