

AFRICA GREEN STORE NETWORK (AGSN)

2024 NIGERIA CONFERENCE

Venue:

Agricultural and Rural Management Training Institute (ARMTI),

Ilorin, Nigeria.



Conference Theme: ✕

Promoting Climate-Friendly, Water and Energy Efficient Small-Scale Solar Irrigation Systems (SPIS) in Africa: Opportunities, Challenges and Future Trends

Venue:

**Agricultural and Rural Management Training Institute (ARMTI),
Ilorin, Nigeria.**





Field Visit Factsheet

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Egbejila Fish Farm Estate

The location is situated in a community called Egbjila. It is located along the Asa Dam River bank. It is about 20 kilometres from ARMTI campus, Ilorin. The farm has several fish ponds with the a solar pump constantly supplying water to the pump from the river. The farm also has a vegetable farm that is being irrigated. Very visible are sections of bananas and plantains planted to mark off various fish ponds. It is situated about 50 metres away from the river bank.

The growth of the fishing estate is partly connected to the location of Asa River that flows past Egbejila community. The fishing estate can be describe as the headquarters of catfish production in Ilorin metropolis with over 300 fish ponds demarcated by the operators. The activities of the fish farmers has largely contributed to the statistics showing Kwara State as the second largest cat fish producing state in Nigeria.

Simba fish farm is one of the fish farms located in Egbejila fishing estate. Historically, Simba farm used Premium Motor Spirit (PMS) dependent machines to pump water in and out of the pond from Asa river. The removal of subsidy by the federal government significantly increased the prices of PMS in different part of the country, thereby significantly increasing the cost of production. This resultantly led to the adoption of solar powered water pumping machine. Simba fish farm uses the water from the ponds to demonstrate a mini integrated vegetable farm.

Oke-Oyi Sugarcane and Vegetable Farmers

This is a farm settlement of over 50 farm families. It comprises of herders and farmers majorly. The farmers live mostly in houses made from clay block and raffia. Varieties of crops being cultivated are rice, sweet potato, sugarcane, sorghum, vegetables and maize. This farm settlement is about 30 kilometres from ARMTI.

Oke-Oyi is an agrarian community characterized by smallholder farmers and migrating farmers due to its proximity to Oshin River. The river Oshin is a body of running water moving to a lower level in a channel of land. Thus, farm families migrate to Oke-oyi during dry season to enable them irrigate their crops. The community is a farm settlement for the production of sugarcane in large quantities. To support irrigation farming, Lower Niger River Basin Development Authority (LNRBDA) recently distributed a solar powered pump to the farm settlement.

Oke-Oyi Potato and Rice Farmers

Oke-Oyi is an agrarian community characterized by smallholder farmers and migrating farmers due to its proximity to Oshin River. The river oshin is a body of running water moving to a lower level in a channel of land. Thus, farm families migrate to Oke-oyi during dry season to enable them access water for their crops. This is a farm settlement for production of sweet potato, rice and maize on a large scale. The community has a 500 ha farm land cleared by Lower Niger River Basin Development Authority (LNRBDA). To support irrigation farming, LNRBDA recently distributed solar powered pumps to the farm settlement. Additionally, some farmers bought their personal solar irrigation pumps seeing the eco friendly and cost effective nature of the pump. Also, LNRBDA has a solar powered irrigation systems demonstration farm for training of prospective farmers.

The farming settlement in Oshin-Okeoyi, consist of over 200 farm families, comprising of crop farmers, herders, and mixed ethnic groups of Hausas, Fulanis and Yorubas.