

Development Action Plan(DAP)

36th INTERNATIONAL VEGETABLE TRAINING COURSE

“MODULE II:FROM HARVEST TO TABLE”

6 NOVEMBER-1 DECEMBER 2017

**WORLD VEGETABLE CENTRE,
KASETART UNIVERSITY, KAMPHAENG SEAN CAMPUS, THAILAND**



World Vegetable Center

BIO DATA



- NAME: ASHIFAT SARAFA SHINA
- COUNTRY: NIGERIA
- ORGANIZATION: FEDERAL MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT
- POSITION: AGRIC OFFICER
- SPONSORER: AARDO



ORGANIZATION www.fmard.gov.ng



ADDITIONAL INFORMATION



- Country population-: 184,234 million people
- Region: West Africa
- More than 50% of the Population live in the rural area, which are majorly Agrarian Populace.
- More than 85% of Household Food Consumption comes from Subsistent Farming(Famers with 1-5 hectares of land)
- Total Land Area-:92.4 million hectares
- Crop Grown: Fruit& Vegetables, Cereal,Root&Tuber, Tree Crops
- Staple Food: Rice

INTRODUCTION



- Nigeria loses more than 8.9 billion usd(2.7 trillion Naira) annually as a result of post- harvest food losses.
- Presently, post-harvest food losses for vegetables is around 50% of the total food loss in Nigeria(FAO 2013)

It is imperative for the country to find a lasting solution to this problems

POST HARVEST LOSS



POST HARVEST LOSS



RESPONSIBILITY



- FARMER'S REGISTRATION
- DATA CAPTURING
- INPUT'S DISTRIBUTION TO FARMERS VIA E-WALLETS SYSTEM
- EXTENSION SERVICES
- VALUE CHAIN ACTIVITIES

Most Interested Topics



COOLING, PEST CONTROL AND
STORAGE
NUTRITIENT VALUES FROM SEED TO
TABLE
EXTENSION APPROACH

RESEARCH PROBLEM



**ZERO TOLERANCE TO POSTHARVEST LOSS
OF VEGETABLES PRODUCTION IN NIGERIA**

STORAGE FACILITY FOR GRAINS



**FEDERAL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT
100,000 METRIC TONNES STRATEGIC GRAINS RESERVE
SILO COMPLEX , KWALI - FCT**

GRAINS STORAGE FACILITY



STORAGE FACILITY



OBJECTIVES



- To reduce the post harvest loss of vegetables production in Nigeria
- To promote Vegetables production
- To reduce the Nutritional loss of vegetables
- To increase the Incomes of vegetables Farmers

TARGET AUDIENCE



- **VEGETABLE FARMERS**

SPECIFIC ACTIVITIES



- SENSITIZATION
- ENUMERATION OF FARMERS
- PROVISION/ESTABLISHMENT OF POST HARVEST FACILITIES
- INPUTS DISTRIBUTION (SEEDS)
- LINKAGES(MARKET&FARMERS)

HUMAN RESOURCES



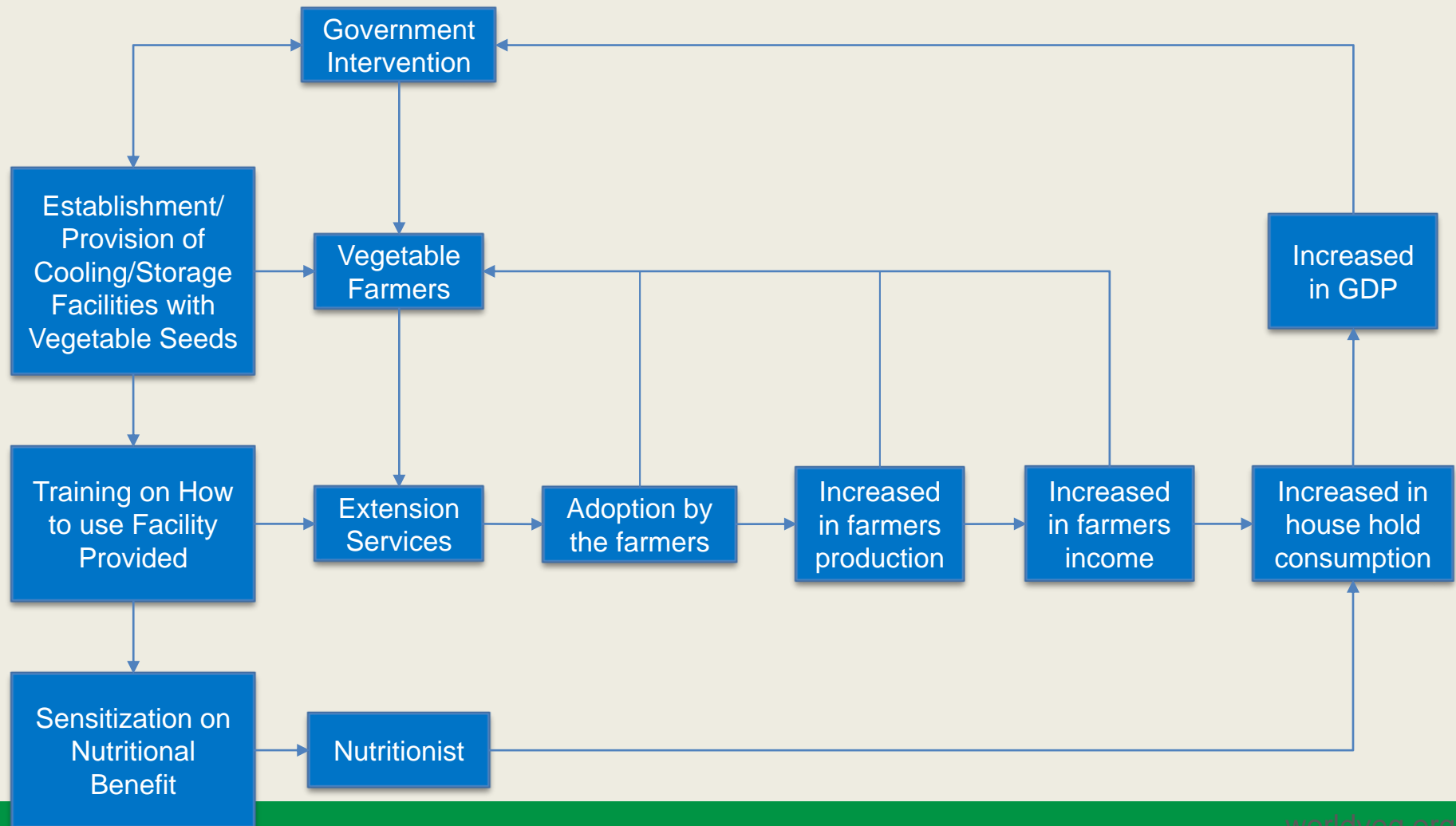
- NATIONAL AGRICULTURAL SEEDS COUNCIL
- NIGERIA STORED PRODUCTS RESEARCH INSTITUTE
- STATE AGRICULTURAL DEVELOPMENT PROJECT
- MINISTRY OF HEALTH
- MINISTRY OF INFORMATION AND CULTURE

TIME FRAME



- The Pilot Phase will be executed within two years
- Evaluation and Impact Assessment will be carry out for sustainability.

IMPACT PATHWAY FOR ZERO TOLERANCE IN POST HARVEST LOSS OF VEGETABLES



CONSTRAINT/CHALLENGES



- GOVERNMENT BUREAUCRACY
- POLITICAL WILL

FINANCE AND BUDGET



- The project will be financed by the Government of Nigeria through the Federal Ministry and Agriculture and Rural Development and all other government Parastatals.
- The project cost is estimated at 40 million naira for the pilot phase in each Geo-Political Zone of the Country.

EXPECTED BENEFITS



- INCREASE IN COUNTRY GDP
- CREATION OF EMPLOYMENT ACROSS THE VALUE CHAIN
- REDUCTION IN POST HARVEST LOSS
- INCREASE IN FARMERS INCOME
- INCREASE IN NUTRITIONAL BENEFIT FOR HOUSEHOLD CONSUMERS



THANK YOU ALL FOR LISTEN

GOD BLESS NIGERIA