# ACTION PLAN – RICE SEED PRODUCTION

"WORKSHOP ON PLANNING, IMPLEMENTATION & MONITORING of NRDS for SUB-SAHARA AFRICAN COUNTRIES"

AT

TSUKUBA INTERNATION TRAINING CENTRE – JAPAN

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BY

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# Re-Constitution of National Seed Council

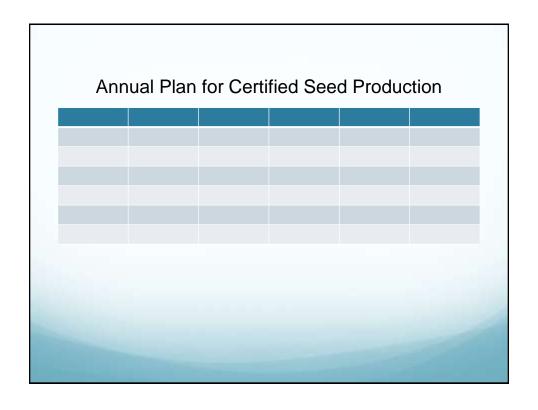
- 1. MOFA (Extension Directorate & PPRS, GGLDB)
- 2. Research Institution CSIR (SARI, CRI, FRI)
- 3. Universities (1)
- 4. Ghana Rice Inter-Professional Body (1)
- 5. Rice Farmer Based Organisation (1)
- 6. Seed Producers Association of Ghana (1)
- 7. Ghana Irrigation Development Authority (1)

Ministry of Land & National Resources (1)

# Duties of Seed Council – Seed Production

- 1. Breeder Seed Production
- Collection, Characterization and Evaluation of rice germplasm
- ✓ Release of Suitable and Acceptable Varieties
- ✓ Production of breeder seeds
- Responsible Institution CSIR

- **2. Foundation Seed Production** GGLDB(Currently), but must be taken over by the Research Institutions
- 3. Certified Seed Production
  - Registration of recognized seed growers GSID of PPRSD
  - Field visits and certification GSID of PPRSD
  - Production of certified seed SEEDPAG/Seed Growers
  - Sale and Distribution of certified seed Input Dealers



# **New Variety Approval**

## Varieties Requested:

Ecology	Variety
Irrigated	GR18, Gbewaa, Nabogo, Sikamu, Sakai, Amankwatia, Wakatsuki
Rainfed (Lowland)	FARO15, GR18, GR19, GR21, Gbewaa, Nabogo, Katanga, Sikamu, Sakai, Amankwatia, Wakatsuki
Upland	NERICA1, NERICA 2, Otoomu, Emutiaa.

# Nomenclature

- Gbewaa SAR-RICE 2 (JASMINE 85)
- Nabogo SAR-RICE 3 (TOX3333)
- Katanga SAR-RICE 4 (TOX 3972)
- Sakai ITA 324
- · Amankwatia Marshall
- Wakatsuki Bouake 189
- Otoomu TOX 3377
- Emutia IDSA 85

## Problems and Action - FUND

#### PROBLEMS:

- i. In adequate budgetary support.
- ii. Not much support from financial Institutions

#### **ACTIONS:**

- i. Special fund for Rice Production
- ii. Subsidy
- iii. Agric Dev. Bank % of Loans for Rice

# Problems and Action Cont' - STAFF

#### PROBLEMS:

- i. Few Breeders and Multipliers
- ii. Unified Extension System
- iii. No in-depth knowledge
- iv. Employment Freeze Extension

## Problems and Action Cont' - STAFF

#### **ACTIONS:**

 Training of all stakeholders in the industry in seed production, storage and promotion

breeders (MPhil, PhD),

seed technologists - MPhil,

Research technicians,

Regional Seed Grower Associations,

## Problems and Action Cont' - STAFF

#### **ACTIONS:**

Extension/Development staff,

Staff - GSID, GGLDB

Input dealers

- ii. Specialization
- iii. Agric. Institutions Curriculum reviewed
- iv. Compulsory training for all Actors
- v. Contractual employment encourage

# Problems and Actions – Shortage of Facilities

#### PROBLEMS:

- i. Maintenance of existing cold storage facilities
- ii. Fewer cold storage facilities
- iii. Land tenure system
- iv. Maintenance of existing irrigation sites
- v. Lack of irrigated fields

# Problems and Actions – Shortage of Facilities

#### **ACTIONS:**

- Establish an efficient seed storage system across the rice growing regions and district
- ii. Rehabilitate and upgrade 6 existing seed storage facilities
- iii. Construct 3 new rice seed processing and storage facilities

# Problems and Actions – Shortage of Facilities

#### **ACTIONS:**

- iv. Government to acquire Land banks in ecologies
- v. GIDA to maintain existing irrigation sites
- vi. More irrigated fields constructed
- vii. Facilitate loans for Private Sector
- viii. Provision of Drying and Cleaning Facilities

# Problems and Actions - Promotion

#### PROBLEMS:

- Lack of knowledge of existence of the National Fertilizer and Seed Law
- ii. Lack of knowledge of comparative advantage
- iii. Relationship between seed producers, input dealers and farmers

## Problems and Actions - Promotion

#### **ACTIONS:**

i. Factsheets:

Seed Law

Released varieties

## Problems and Actions - Promotion

#### **ACTIONS:**

- ii. Facilitate Linkage among rice certified seed producers and input dealers in rice growing areas
- iii. Link rice FBO's to input dealers to access rice seed
- iv. Use of various extension tools (FFS, Farmers fora, TV and radio talk shows, ICT, advertisements) and subsidy to promote the use of improved seed

# THANK YOU MERCI ARIGATO GOZAIMASU