Africa RISING scaling opportunities and partners – Ghana

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What – potential value chains and technologies?

1.0 Maize-legume (groundnut, cowpea, soybean) value chain
1.1 Seeds of improved maize and legume varieties
1.2 Maize-legume intercropping, e.g. strip-cropping
1.3 Maize-legume rotation (1 year rotation)

2. Guinea fowl value chain
2.1 Egg production
2.2 Hatchery and brooding of keets
2.3 Fattening keets for markets
Who: research-for-development pathway?

**Research**
- IITA
- SARI
- CRI
- UDS
- KNUST

**Innovation packages**
- Maize-legume cropping systems:
- Seeds of improved varieties and
- Cropping
  - Strip cropping (24,000)
  - 1 year rotation (12,000)

**Development and dissemination partners**
- Ministry of Agriculture
- Seed companies
- Farmer’s organization
- Input dealers (Ganoma, Antika, Yara)
- Service providers (A&G, AMSIG)
- Developmental projects (Cowpea, N2Africa, G’nut)
- NGOs (ADRA, ACDEP, CAMFED)
- Market actors (NAFCO, School feeding program, Aggregators)

**Targets**
- 36,000 households
How: Scaling model- maize-legume strip?

- 2017: 50 farmers x 60 com’ties = 3,000 farmers
- 2018: 3,000 farmers x 2 other farmers = 6,000 farmers
- 2019: 6,000 farmers x 2 other farmers = 12,000 farmers
- 2020: 12,000 farmers x 2 other farmers = 24,000 farmers
How: Scaling model for maize-legume rotation?

- 2017: 25 farmers x 60 com’ties = 1,500 farmers
- 2018: 1,500 farmers x 2 other farmers = 3,000 farmers
- 2019: 3,000 farmers x 2 other farmers = 6,000 farmers
- 2020: 6,000 farmers x 2 other farmers = 12,000 farmers
Why?

• Ready market and interest of decision makers.
• A big potential of livelihood security for most households in northern Ghana.
Who: research-for-development pathway?

- **Research**
  - ARI
  - UDS
  - IITA

- **Innovation packages**
  - Guinea fowl production
  - Egg production
  - Hatchery and brooding
  - Fattening

- **Developmental partners**
  - Ministry of Agriculture
  - Farmer-based org - GFPA
  - District assemblies
  - NGOs
    - (ADRA, ACDEP, CAMFED)
  - Market actors
    - (GEES, Mbayaya, Aggregators, Feed producers)

- **Targets**
  - 24,000
Scaling model for guinea fowl production

Number of farmers

- Fattening: 30,000
- Hatchery and brooding: 1,200 farmers
- Egg production: 120 farmers x 10 comm’ties = 1,200 farmers
- 2017: 4 farmers x 60 comm’ties = 240 farmers
- 2018: 4 farmers x 60 comm’ties = 240 farmers
- 2020: 26,000 farmers
Thank You

Africa Research in Sustainable Intensification for the Next Generation

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