KOPIA Program of RDA, Rep. of KOREA

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We need different fishing gear for different fish. It would not be realistic if Korea’s technology is applied as it is.

- With linkages to the UN SDGs,
- KOPIA develops and disseminates agricultural technologies tailored to each partner country.
**What KOPIA aims to achieve:**

- Strengthen partnership with KOPIA country’s representative agri. research institute
- Develop, test, and disseminate agricultural technologies
- Improve smallholder farmers’ productivity and subsequently, their incomes.

**22 KOPIA countries around the world**

- Asia : 8 countries
- CIS : 2 countries
- Africa : 7 countries
- Latin America : 5 countries
How KOPIA Works

- **Inter-organizational system for operation**

  - RDA Planning & Evaluation
  - KOPIA Center Implementation
  - Research Institute affiliated to RDA
  - Counter-part Institute Partner country
  - Agri-expert to the partner country
  - Invitational training in Korea
  - Invitational training in Korea
  - Incorporate KOPIA’s success model into partner country’s policy
    - Disseminate the model across the country, across the continent

- **Step-by-step Implementation**

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KOPIA’s Key Achievements

(Cambodia)
Development of a new maize variety, ‘CHM01’
Productivity ▲ to 8.9 t/ha & cost of imported seed ▼ by 30%

(The Philippines)
Rice yield ▲ by 18% (3.8 tons/ha → 4.5 tons/ha)
88 tons of rice seed distributed to approx. 2,200 ha

(Uganda)
Development of customized orange cultivation technologies
Productivity ▲ by 114% & income ▲ by 85%

(Paraguay)
Development of a new sesame variety, ‘IPTA-K07’
Sesame acreage ▲ by 63.6% (3,912 ha → 6,400)
KOPIA’s Achievements in Figures

Training in partner country
- 24 countries 125,943 participants (total)
- 5 countries 44 participants
- 2009 2020
- (Local project actors)

Dispatch of Korean Experts
- 24 countries 986 participants (total)
- 2 countries 24 participants
- 2009 2020
- (Agri-experts)

Training in Korea
- 24 countries 1,510 participants (total)
- 5 countries 37 participants
- 2009 2020
- (Scientists, civil servants, farmers)

Training of the Next Generation
- 24 countries 1,139 participants (total)
- 5 countries 44 participants
- 2009 2020
- (Students studying agriculture)
How KOPIA project can be a success

◆ **(Partnership)** Work closely with partner’s representative research institute
  ○ Highly responsive to the partner’s needs & in line with its agricultural policy
  ○ Incorporate technological needs of local farmers

◆ **(Step-by-step implementation)** Recommend a customized success model
  ○ Technology development → small-scale application → model village
  ○ Field-oriented approach: Scaling up from a small case study to model village

◆ **(Education)** Dispatch Korean agri-experts, invite local researchers for training
  ○ Promote joint project and strengthen the capacity of participating researchers
  ○ Empower project participants through project implementation

◆ **(Expertise)** Based on RDA’s expertise in R&D, extension service and education

◆ **(Humanity)** Korean experts work with passion and build friendship with KOPIA partners
To resolve technology bottleneck in a ODA project

1. Use Korea’s technologies with comparative advantages
2. Technology development → small-scale applications with farmers → model village project (step-by-step implementation)
3. Inter-ministerial/departmental discussions through ODA Committee led by the Korean embassy in the partner country
Thank You

We love to share what we have!