

Eldis page

Agricultural science and technology policy
for growth and poverty reduction
benefits from public-private partnerships
for agricultural research in Latin America

Hartwich et al, 2005

AllAfrica.com: October 24, 2007

Nigeria: Public-Private Partnership Vital to Economic Growth - VP

Daily Trust (Abuja)

24 October 2007

Posted to the web 24 October 2007

Joe Oroye, Abuja

Vice-President Goodluck Jonathan has said that this administration is committed to improving the lot of Nigerians through a conscious approach of employment generation and wealth creation by encouraging public-private sector partnership.

Organisation structure PPO-ag

Bu-Manager
A.T.J. van Scheppingen

Multifunctional
agriculture
Management,
Nematodes
E.K.
Pinxterhuis

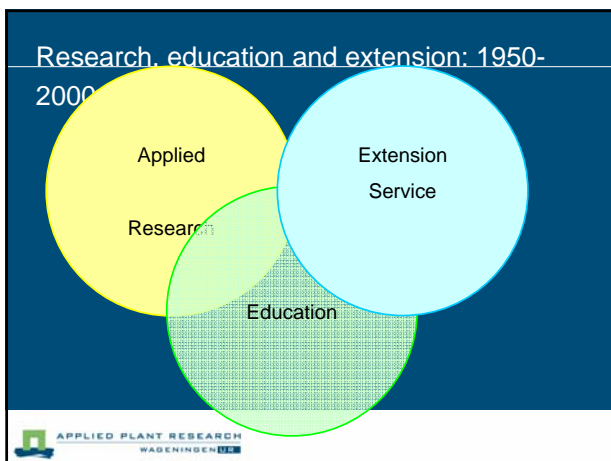
Crop protection
Fungi
Weeds
Pests
P.M. Spoorenberg

Farm
system
research
B.J.M.
Meijer

International
Nutrient
Management
Product and crop
innovations
C.L.M. de Visser

Experimental
Farms
Laboratory
T.A. Brouwer





- ### Levels of public private co-operation
- Demonstrating products
 - Testing products
 - Co-innovate and develop products
 - Long term commitments of co-operation (joint ventures, framework programs)
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Companies

- Seed companies
- Distribution and trading companies
- Agrochemical industry
- Sustainable energy producers
- Farmers co-operations (farming inputs)
- Farmers and their organisations



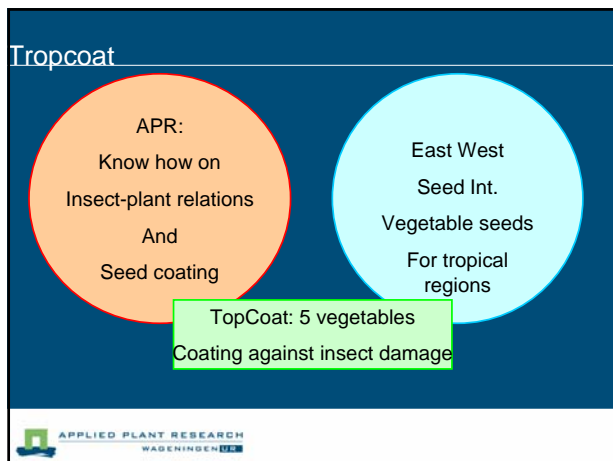
Demonstrating products and services



Examples: co-innovation and development

- SnailWise
- TropCoat
- SuriTuin
- East West Tanzania
- Vegetable chain Vietnam
- Application Centre for Renewable Resources





Seed coating to control insects and snails

- Cost effective: less pesticides used
- Environmental friendly due to low input
- High effect: chemicals at the right place and time
- User friendly
- Combinations with other pesticides

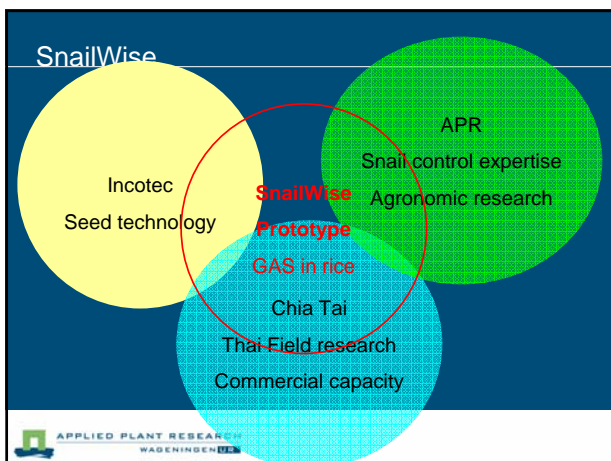
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TropCoat: efficacy seed coating okra

Leafhopper damage 49 DAS.
Untreated plot (left) and effective seed

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Prototype SnailWise: functionality

- Pesticides with effective control of the golden apple snail
- Side effects on sucking or biting insects damage
- Good fit with current crop management techniques

Rice farmers are at high risk from the golden apple snail, which damages their crop

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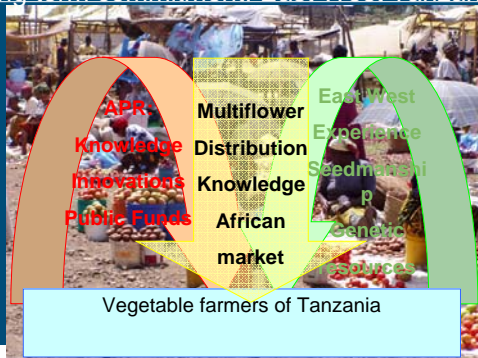
Advantages

- Protection of vulnerable seedling stage
- Direct sowing more economic feasible
- Molluscicide is effective at site of application
- Low molluscicide input and high effect ratio
- No direct contact of farmer with molluscicide; less labour cost
- Less environmental impact compared with current treatments



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Long term commitment: East West Tanzania



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East West Tanzania

- Improve seed quality from African origin
- Breed locally adapted varieties
- Teach farmers to yield the benefits of premium seed quality
- Outgrowers for seed production



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Vegetables Vietnam: co-operation with Metro



Leafy vegetables are very perishable. Below a series of pictures are presented of the traditional (not really better head lettuce harvest, packaging and arrival 12 hours after harvest) in HCMC. The collectors harvested the lettuce at noon time. After which the baskets stood for many hours along the road before they were transported to HCMC. In HCMC more than 30% of lettuce had to be thrown away.



Better head lettuce on the field in Dalat

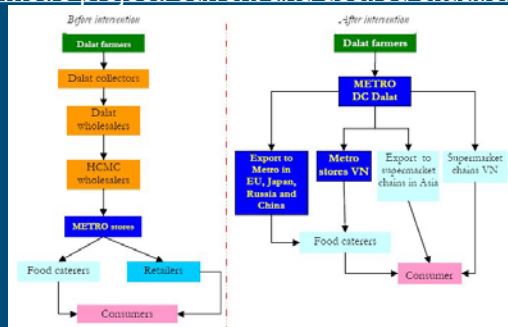
Harvesting the better head lettuce (middle of the day)

Packaging of better head lettuce at the field

Better head lettuce quality after arrival in HCMC

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Metro project: current and desired situation



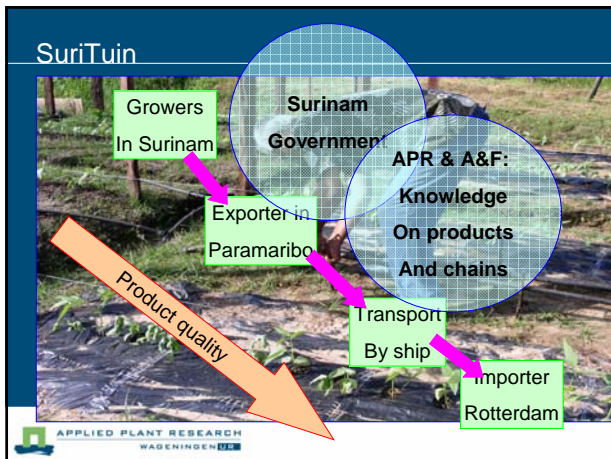
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Metro project Vietnam

- Cold chain distribution centre
- Producer groups organised
- Small farmers GAP guidelines
- Knowledge and information support to farmers
- Steady supply and fair trade of residue-free vegetables



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SuriTuin

- Demonstration trials for farmers on farmers fields
- Less spraying, better quality at harvest and increased food safety
- Quality control during the chain
- Better transport boxes

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