Agroecological transition in banana production
exemple of FWI
BANANA PRODUCTION IN FWI

400 growers in Martinique and 200 in Guadeloupe

8000 hectares

270 000 tons per year
In 2008:

The banana producers and the CIRAD launched a plan to an agroecological transition

The Tropical Technical Institute (IT2) was created
Growers associations

producers

producers
2 platforms:

- Agroecology in Martinique
- New varieties resistant to BLSD in Guadeloupe
Pesticides use decrease

Active ingredients in kg per ha per year

End of Aerial spraying

- Nématicides et insecticides charançons
- Autres insecticides
- Herbicides
- Molluscicides (depuis 2014)
- Fongicides cerco (huile exclue)
Pesticides use in banana industry

CIRAD 2006
Biodiversity increase in fields

- 7 species of birds vs 3 in 2008
- More than 200 species of insects
- 196 eathworms per m² vs 0 to 150 in 2008
- From 75 to 788 frogs per hectare
- 7 bat species
Bioversity in banana
Yield evolution

Rendement Antilles

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Impact on cost of production?
Could we increase the sell price of agro ecological bananas?
Not so easy...
Environmental and social arguments to justify higher prices
THANK YOU FOR YOUR ATTENTION