

# Use of Partnership Extension Model to Facilitate Adoption of IITA Plantain and Banana Based Technologies in Nigeria



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# Introduction

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Plantain and Banana are integral to Nigerian mixed farming system especially in tree crops.

The growth cycle of plantain and banana are less than the tree crops which make their fruits to be a source of food to the farmers before realizing income from tree crops.



## Introduction cont....

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There are many uses to which plantain and banana are put in Nigeria.

- The leaves are used to preserve kolanut and wrapping food,
- trunk of harvested plantain are used as ropes for tying firewood by women and
- the fruits are eaten in different forms: fried, baked or roasted and also sold in pulp form as chips and in confectionary.



## Introduction cont....

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- In some root crop producing areas of Nigeria, yam and cassava are kept in the shades of plantain and Banana for an elongated storage.
- The leaves and the back of the fruit serve as animal feed.
- Unripe plantain constitutes part of recommended diet for diabetic patients.



# Introduction cont....

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There is the possibility for international market for the crop. Its exportation would increase the foreign exchange of the nation and the contribution of agriculture to the economy

Plantain and banana production in subhumid region of Nigeria is gender free

Average adoption level was 40% which ranges from 30% in Rivers state, 38% in Akwa-Ibom, and 47% in Bayelsa.

IITA plantain and banana improvement programme have breed several varieties that are resistant to diseases which are higher yielding than the existing ones.



# Objective of the study

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The main thrust of this paper is on the use of partnership extension Model to facilitate adoption of IITA plantain and banana based Technologies in Nigeria.

Specifically, the paper designed to:

- Review agricultural information dissemination process in Nigeria.
- Identify the actors in partnership extension model as well as their roles in the adoption of IITA plantain and banana based technologies.
- Draw implication for programme development on sustainable partnership.

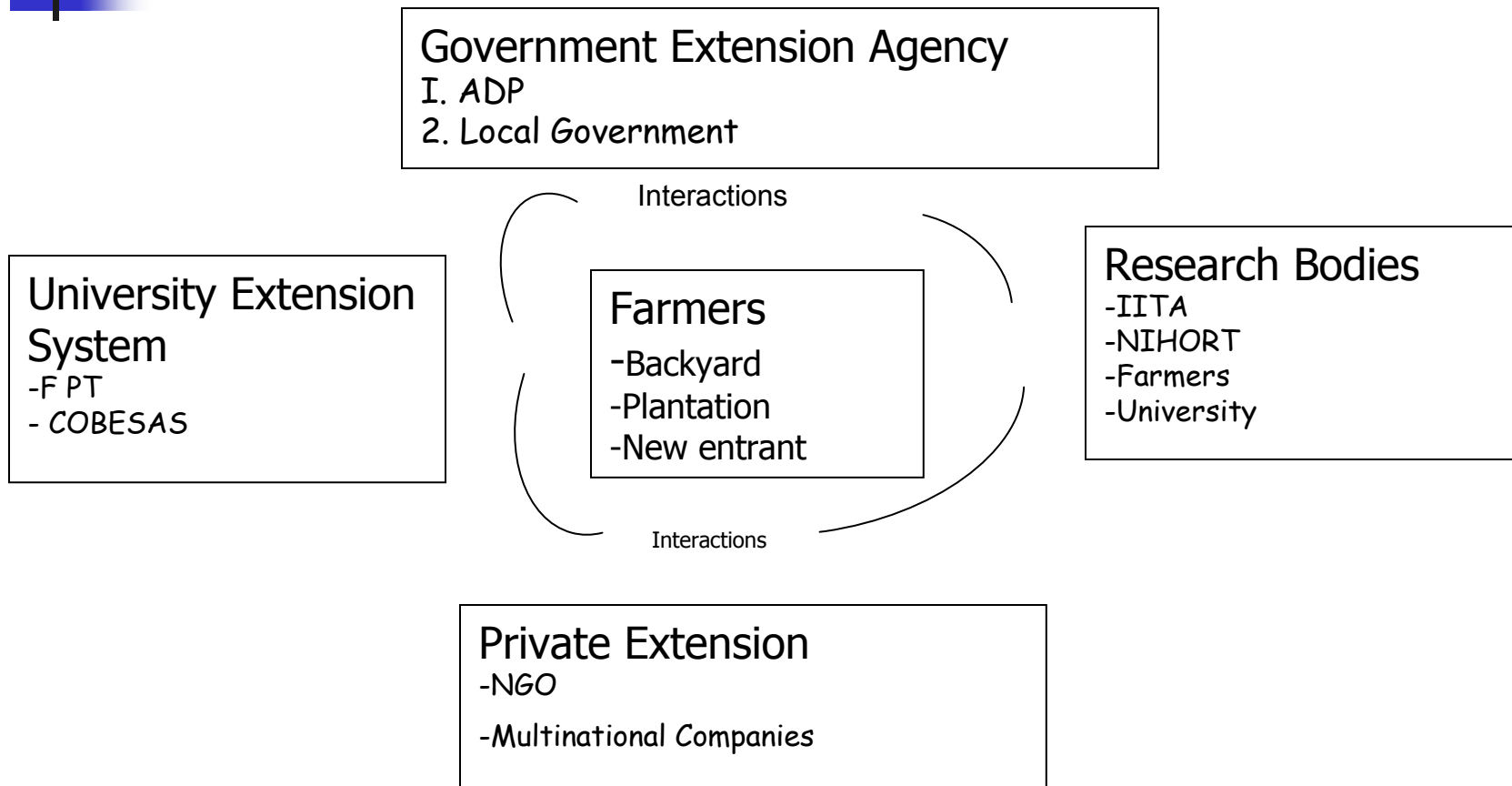


# Statement of Problem

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- What are the limitations of the present agricultural information process in Nigeria that warrant modification for plantain and banana technologies?
- Who are the actors in partnership model of Extension and what are their roles?
- How can the partnership be sustained?

# Partnership Extension Model



Source: A modified various of Selesnew (1999): partnership Extension model



# Universities offering Agriculture

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**North central zones (6)**

**South Western Nigeria (10)**

**South Eastern Nigeria (14)**

Source: JAMB(2008)



# Sustaining the Partnership

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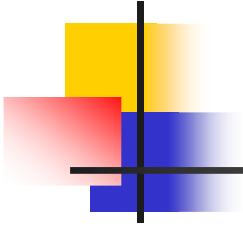
- Institutionalize the partnership
- Respect inter-organizational policy
- Equality of membership
- Trust worthiness and accountability
- Focus on farmers need



# Conclusion

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- The use of many organizations to reach farmers would promote higher adoption of plantain and banana technologies. The knowledge of IITA plantain/Banana technologies would be passed from cradle to grave to facilitate its adoption.
- It recommended that three locations be identified to provide interactions in the North Central, SouthWestern and Southern parts of Nigeria. Selection of partners should be institutionalized and opportunity for interaction be provided formally at the locations.



Thanks for Listening