



Federal Rural University of Pernambuco – UFRPE
Animal Science Department

BEEKEEPING, WOMEN AND SUSTAINABLE DEVELOPMENT

Renata Valéria R. S. Gomes; Tatiane A. Barros; Rodrigo S. Cabral; João G.
S. S. Albuquerque; Hadja L. R. U. C. M. Costa

INTRODUCTION

- **Beekeeping and Women**



INTRODUCTION

BRAZIL



State of Pernambuco



Capital Recife

Distance 68 MI /
109Km

Barreiros City



Atlantic rainforest fragment

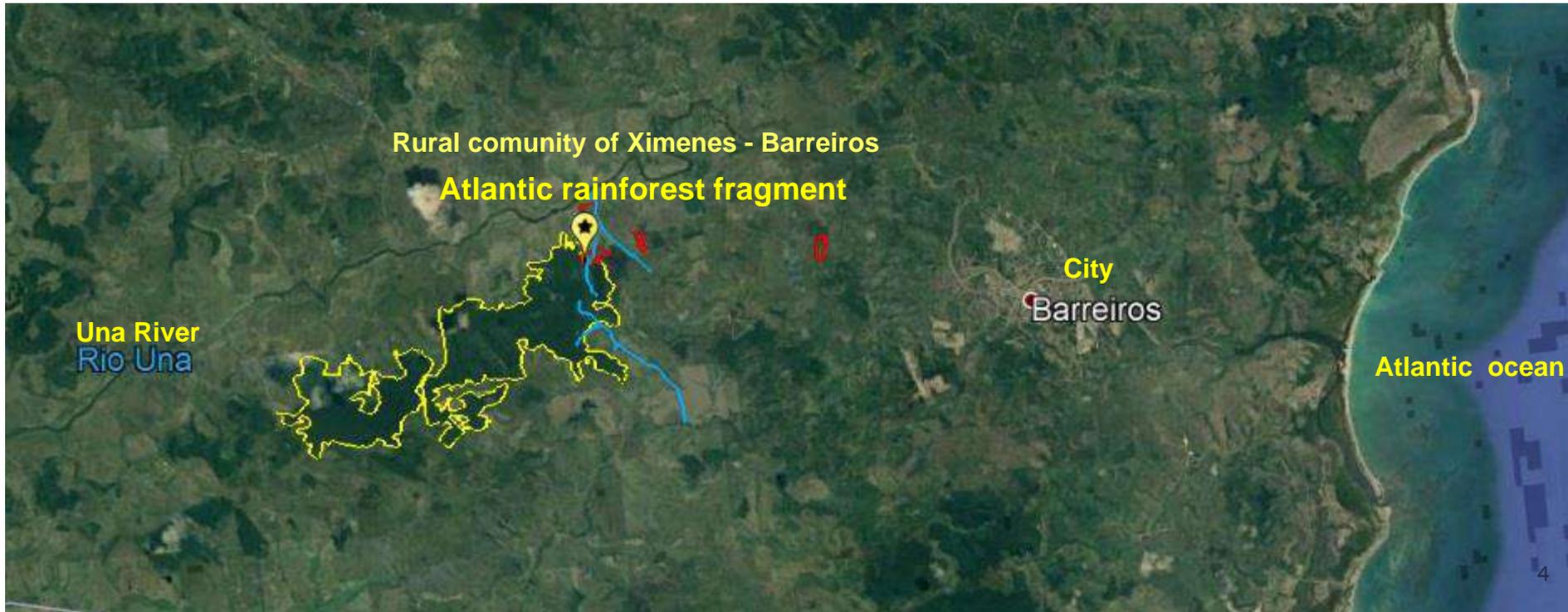


Sugarcane area

Atlantic ocean

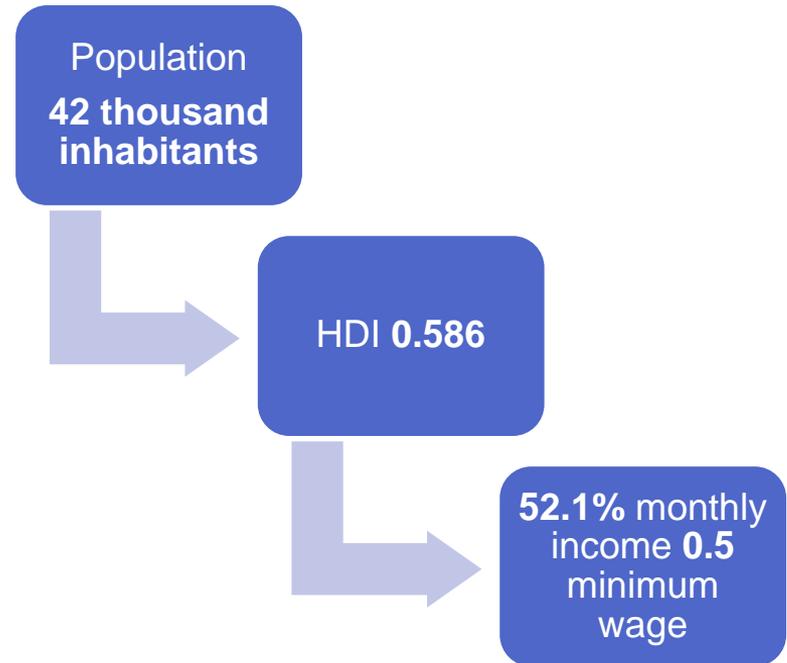
INTRODUCTION

- Barreiros - 7000 ha with sugar cane planting



INTRODUCTION

- Barreiros - Sugarcane represents 97% of agricultural production



INTRODUCTION

- **AgroFlores of Ximenes Women's Group**



INTRODUCTION

- What are the impacts of setting up an apiary production on local development?
- In the development of these people who make up the group of Peasant Women AgroFlores of Ximenes?

OBJECTIVE

- The aim of this study was to evaluate the impacts of the establishment of an apiary production for the AgroFlores Peasant Women of Ximenes group.



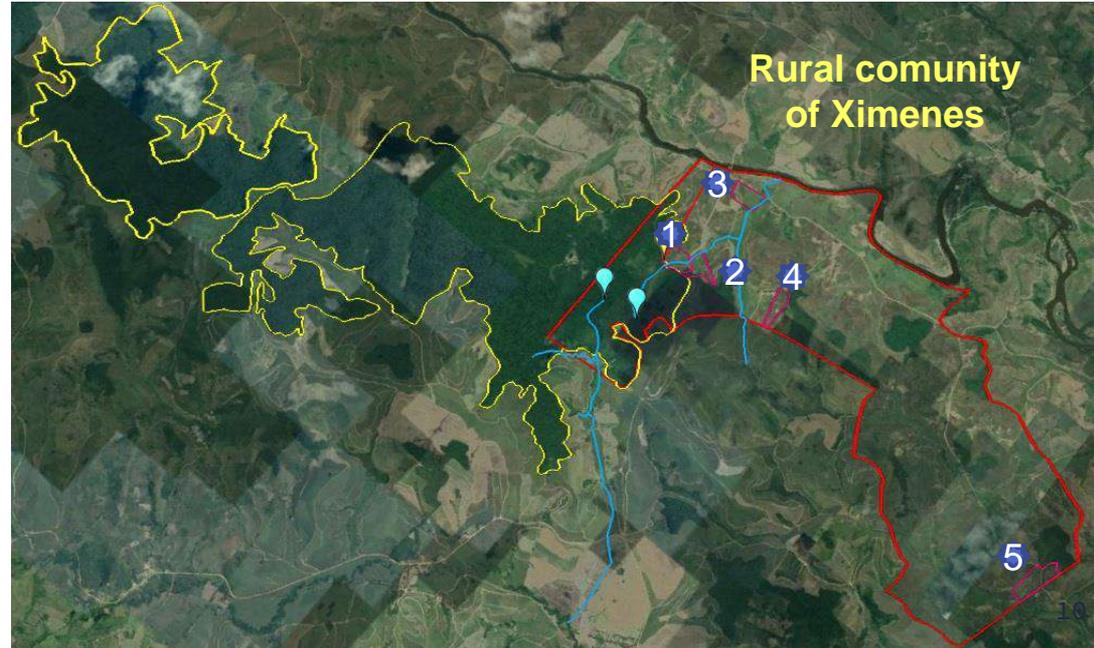
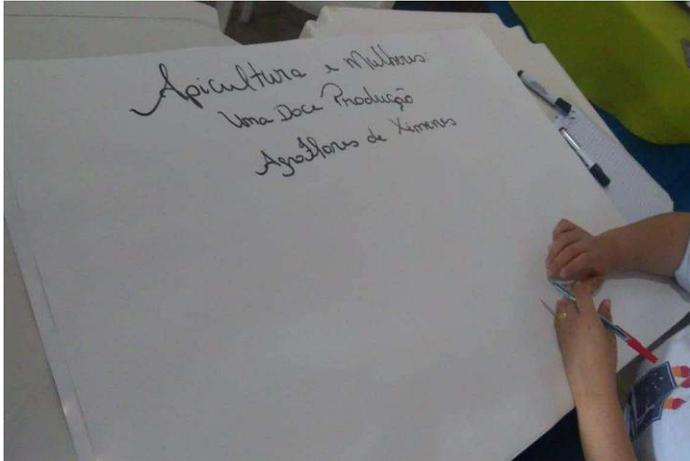
MATERIAL AND METHODS

- **Beekeeping presented-** Interviews, seminars and workshops



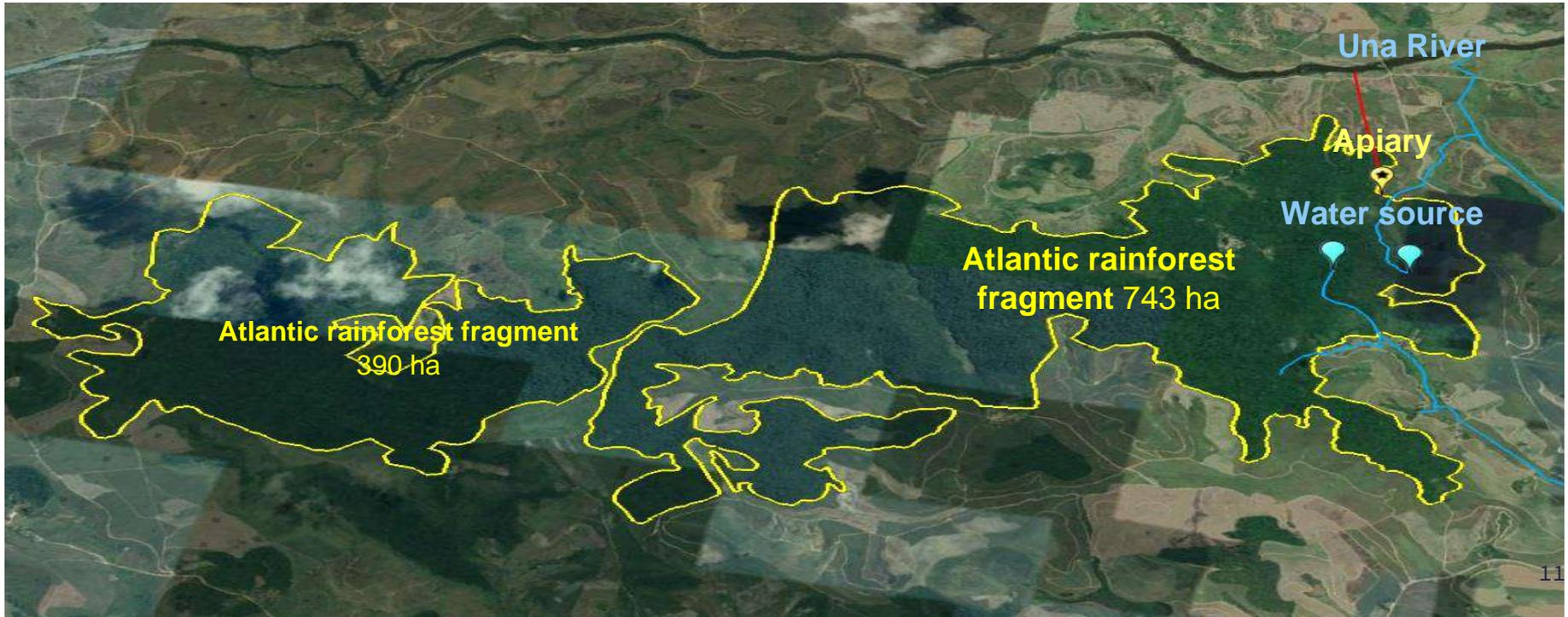
MATERIAL AND METHODS

- Place Planning for Apiary Deployment -



MATERIAL AND METHODS

- Apiary location -



MATERIAL AND METHODS

- Apiary location -



MATERIAL AND METHODS

- **Apiary Deployment** – Nature Swarm Capture with Bait Box



MATERIAL AND METHODS

- **Apiary Deployment**- Swarms transferred at night to the apiary



MATERIAL AND METHODS

- **Apiary Deployment -**



MATERIAL AND METHODS

- Establishment of the apiary- Beehive Management



RESULTS AND DISCUSSION

- **Honey Production** – Sixty days after apiary implantation



RESULTS AND DISCUSSION

- Beekeeping, income generation and healthy food –



RESULTS AND DISCUSSION

- **Beekeeping Integration with Agroforestry Systems-**



RESULTS AND DISCUSSION

- Bee Conservation – Community Children Planting Flowers



RESULTS AND DISCUSSION

- Beekeeping and Environmental Education –



RESULTS AND DISCUSSION

- Beekeeping and family manpower –



CONCLUSIONS AND CONSIDERATIONS

- The Beekeeping provided positive impacts by reducing poverty, promoting food security, sustainable agriculture, health and well-being, as well as gender equality.
- Future perspective of valorization of the local product because the honey of this region has a typical flavor and coloring of the southern Pernambuco rainforest.

CONCLUSIONS AND CONSIDERATIONS

- The positive impacts of beekeeping in this project are aligned with 11 of the 17 goals for sustainable development proposed by the United Nations.



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**UNIVERSIDADE
FEDERAL RURAL
DE PERNAMBUCO**



FACEPE

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Thank you!!!



Dr. Renata Valéria Regis de Sousa Gomes
Animal Science Department – UFRPE/Recife
Phone: +55 (81) 3320-6550/ 3320- 6572
Cell phone: +55 (81) 9 9602-2364
E-mail: renatav_sousa@hotmail.com

