

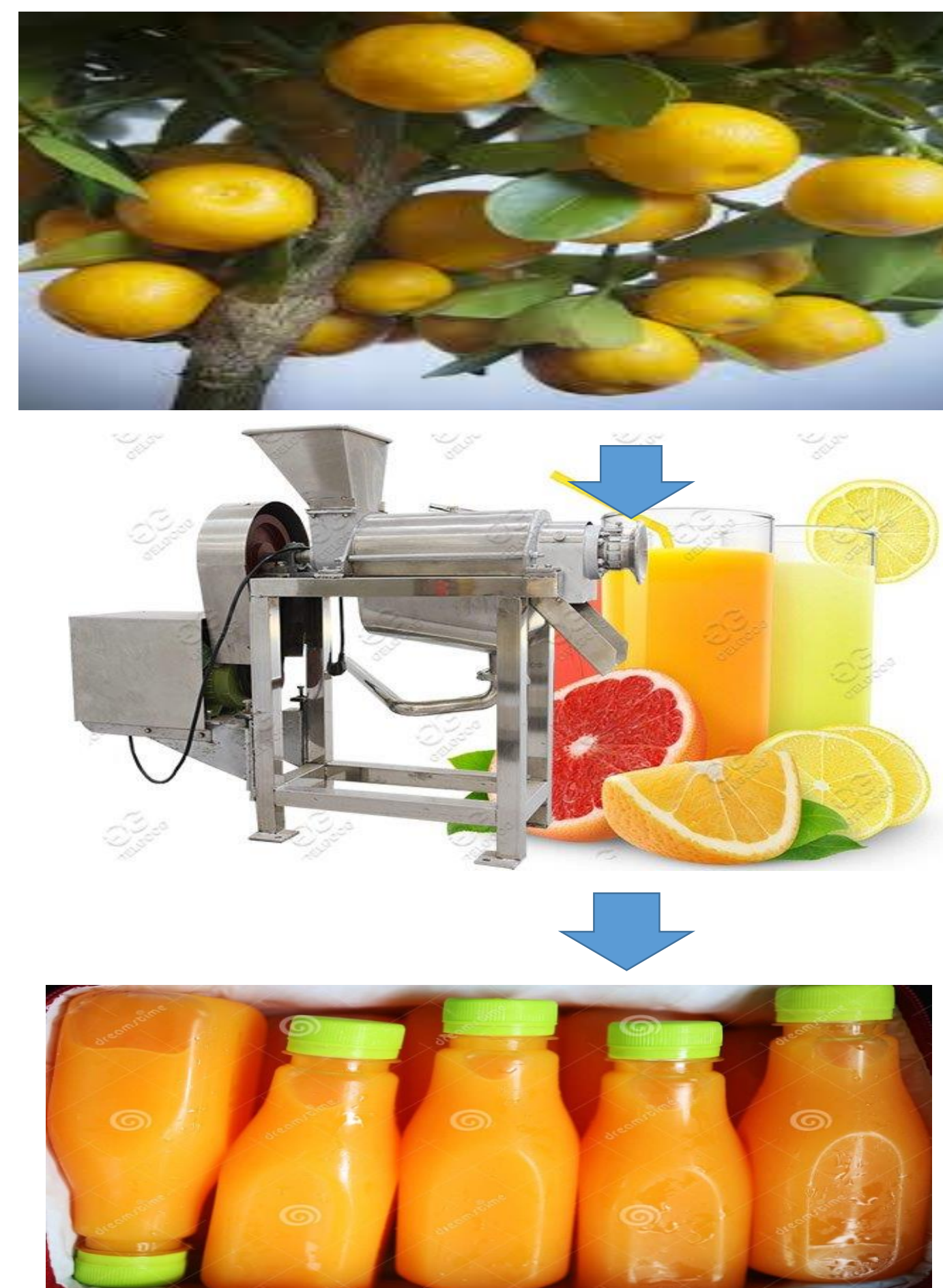
REDUCING POST-HARVEST LOSSES IN CITRUS VALUE CHAIN IN BENUE STATE, NIGERIA: FOCUS ON PROCESSING

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Introduction

- Nigeria is one of developing countries in Africa which is also known as the Giant of Africa
- Current population: About 211 million people
- Agriculture is one of the main sources of the Nigerian Economy (24.14% of GDP in 2020)
- 70% of Nigerian engaged in Agriculture on either subsistence or commercial level
- Major cereal/ tuber crops grown include; rice, maize, sorghum, yam, cassava...
- Major fruits and vegetables grown are: Citrus, cashew, tomatoes, pepper.....

Flow Chart for Orange Juice



Project Implementation steps

1

- Linkages with key partners
- Acquiring technical skills on citrus fruits processing

2

- Business registration
- Installation of Machines/Equipments

3

- Citrus fruits processing/Marketing of products
- Monitoring and evaluation

Study Project Objectives

- The main objective of this study project is to reduce post harvest losses in citrus value chain in Benue State, Nigeria through processing.
- Specific objectives includes to:
 - Train small-scale citrus farmers on how to process citrus fruits into orange juice,
 - Support trained farmers with machines/equipments needed for processing citrus fruits into citrus products and
 - Create more jobs and market opportunities to actors in citrus value chain

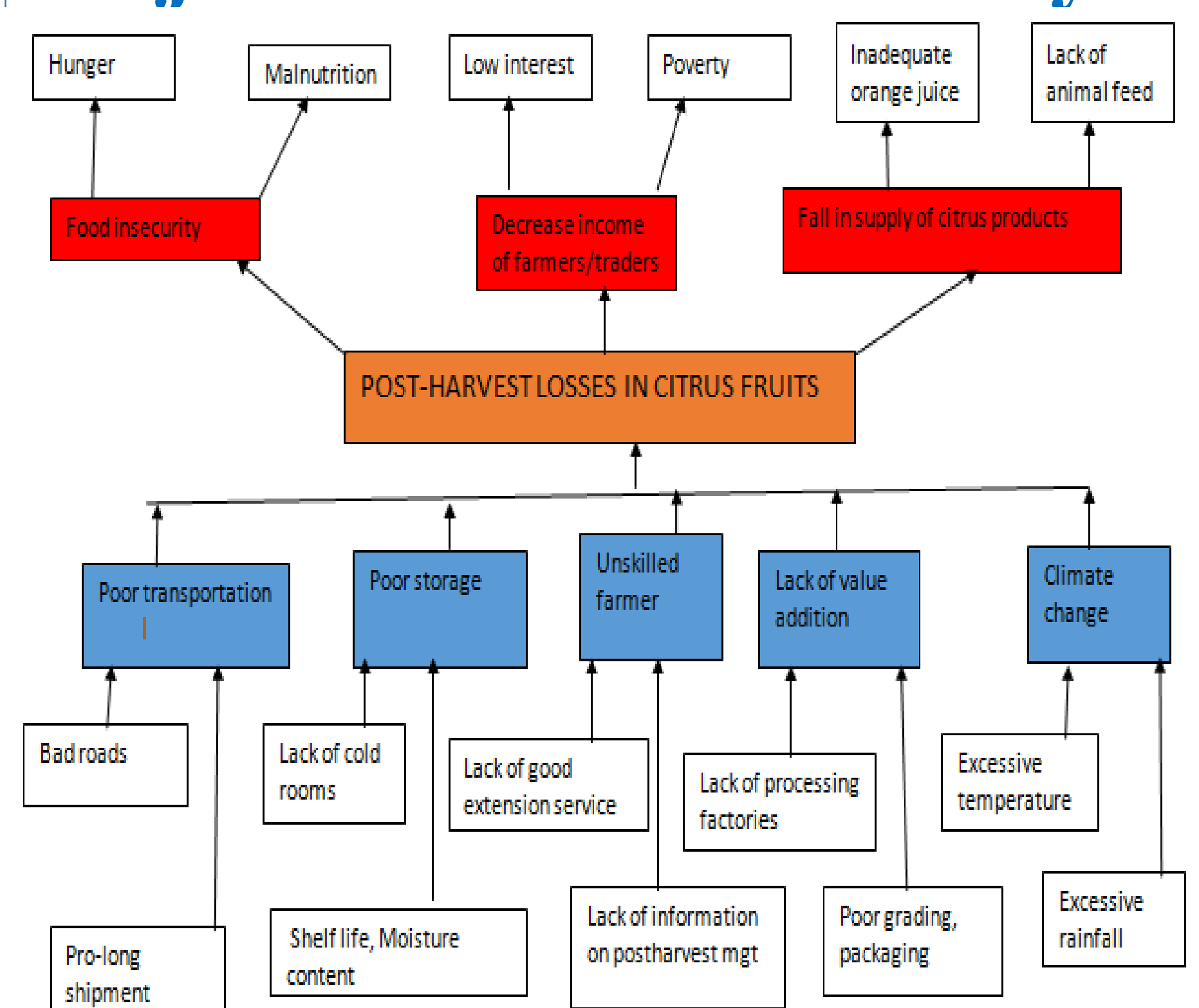
Conclusion

Processing Citrus fruits into orange juice and other products appears to be a profitable and sustainable business enterprise in Benue State, Nigeria because of the availability of raw materials. Hence, this project idea does not only come with great financial rewards to actor in citrus value chain but also strategise ways toward reducing post harvest losses of the fruits at it glut production

Expected project costs

Items	Amount (€)
• Business registration and product certification	500
• Purchase of machinery and installation	10,000
• Raw material mobilization	200
• Training manuals/ logistics	1,000
Total	11,700

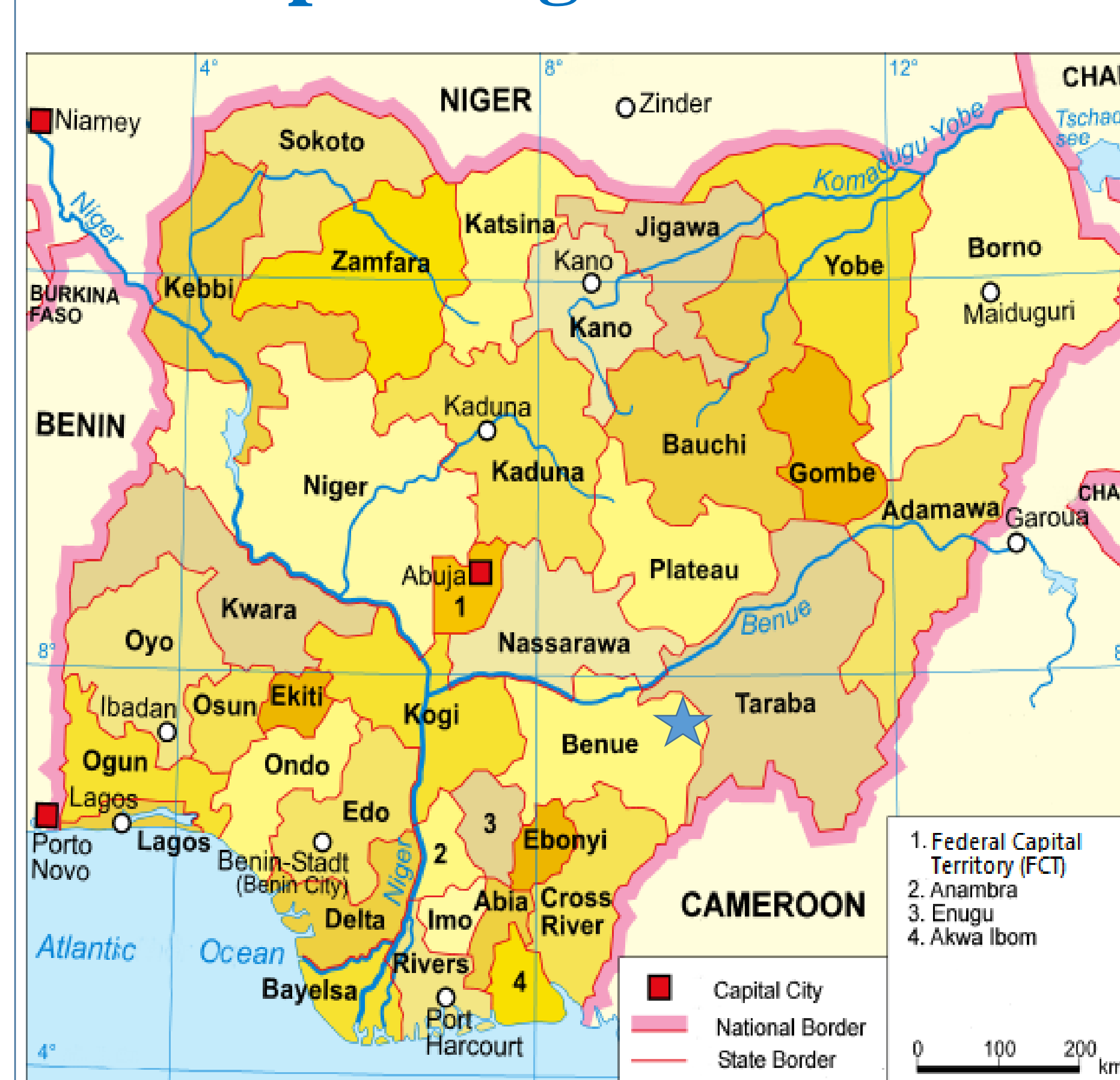
Project Problem tree Analysis



Possible Risks

- Inadequate Infrastructure
- Unstable government policies
- Lack of collaboration among project key partners
- Increase in Farmers-Herders crisis in the project area
- Unavailability of adequate funding

Map of Nigeria



★ = Study project Area where 70% of citrus fruits is been produced

Project Expected outcomes



Reduced postharvest losses in citrus value chain



Employment creation



Value addition/Increased income

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