

# **Exploring opportunities for development** of cacao agroforestry in Uganda





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### Background

#### **Cocoa Sector in Uganda**

- From 2,130 MT in 2001, up to 44,500 MT in 2021 (worth USD 105.8m)
- \*\* 80,000 100,000 farmers
- Fistorical cocoa production is in the district of Bundibugyo (> 70% Prod)
- Emerging cocoa production and expansion in various regions

#### Objectives of the study

- Supporting development of sustainable cacao farming
- Exploring levers for improvement of agroforestry management of cacao

#### Methodology of the Survey

## 216 farmers in 7 traditional cocoa growing districts Interviews with cocoa farmers and fields visits

- Farm components (cultivated crops & allocated areas)
- Species associated to cacao (crops & trees)
- Experience & interest in agroforestry
- SWOT analysis of developing cocoa production

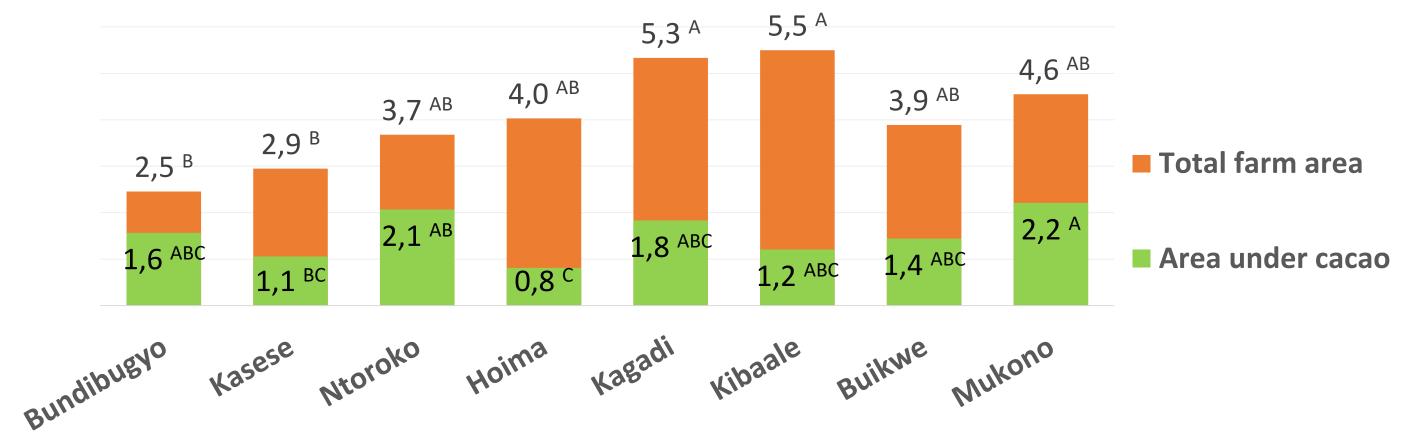
#### Results: Cacao farms features in Uganda

#### Farm characteristics and cacao component

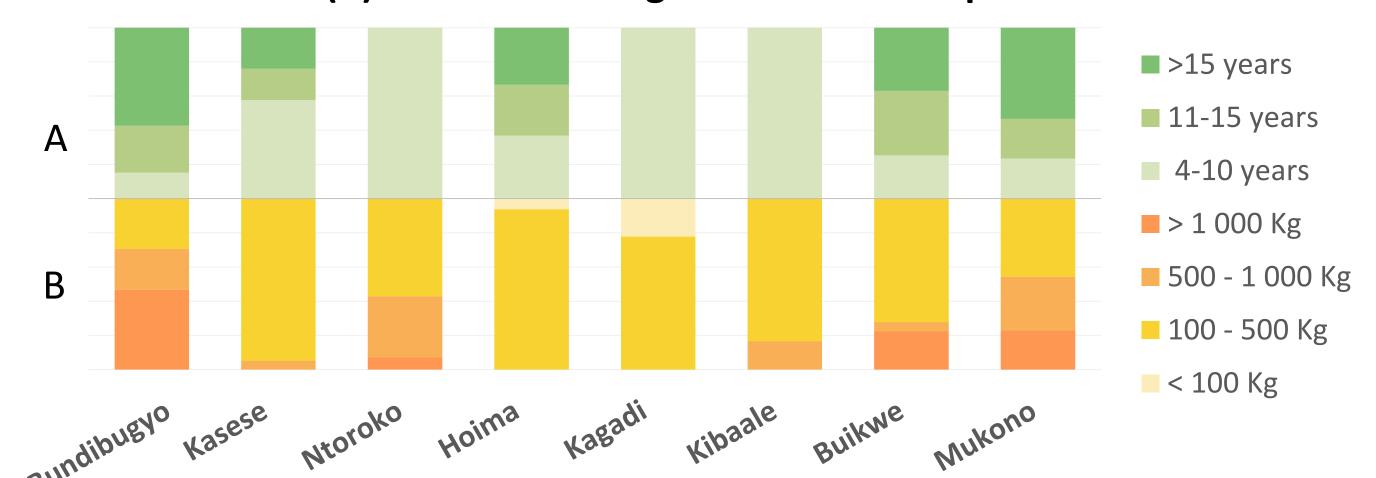
- Diversified farms associating cacao, cash-crops & food-crops
- Area dedicated to cacao vary significantly between districts
- Homogeneous farming strategies within districts (Mix of crops, land use)

#### Mean Area (Acres) of average cultivated land and cacao orchard

Means with different letters are significantly different at p < 0.05 according to Tukey HSD.



#### Distribution (frequencies) of (A) cacao orchards in age classes And (B) farms according to annual cocoa production

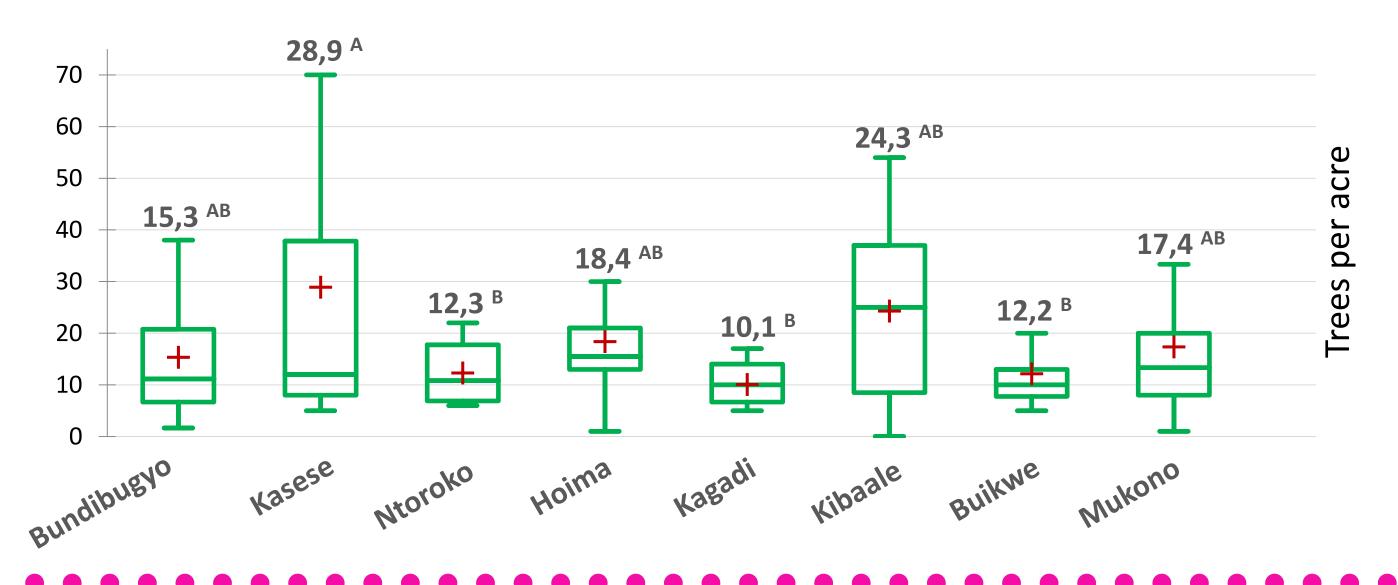


#### Agroforestry knowledge & practices

- Farmers aware of the concepts & acknowledge the benefits of agroforestry
- © Cacao always associated with forest/fruit tree species (average 18 trees/acre)
- Low diversity of associated trees in the surveyed areas
- Strong common preference for shade species most adapted to cacao

#### Densities of Associated trees in cacao plots (Number of trees per acre)

Means with different letters are significantly different at p < 0.05 according to Tukey HSD.



Buikwe

Mukono

Kibaale

Kagadi

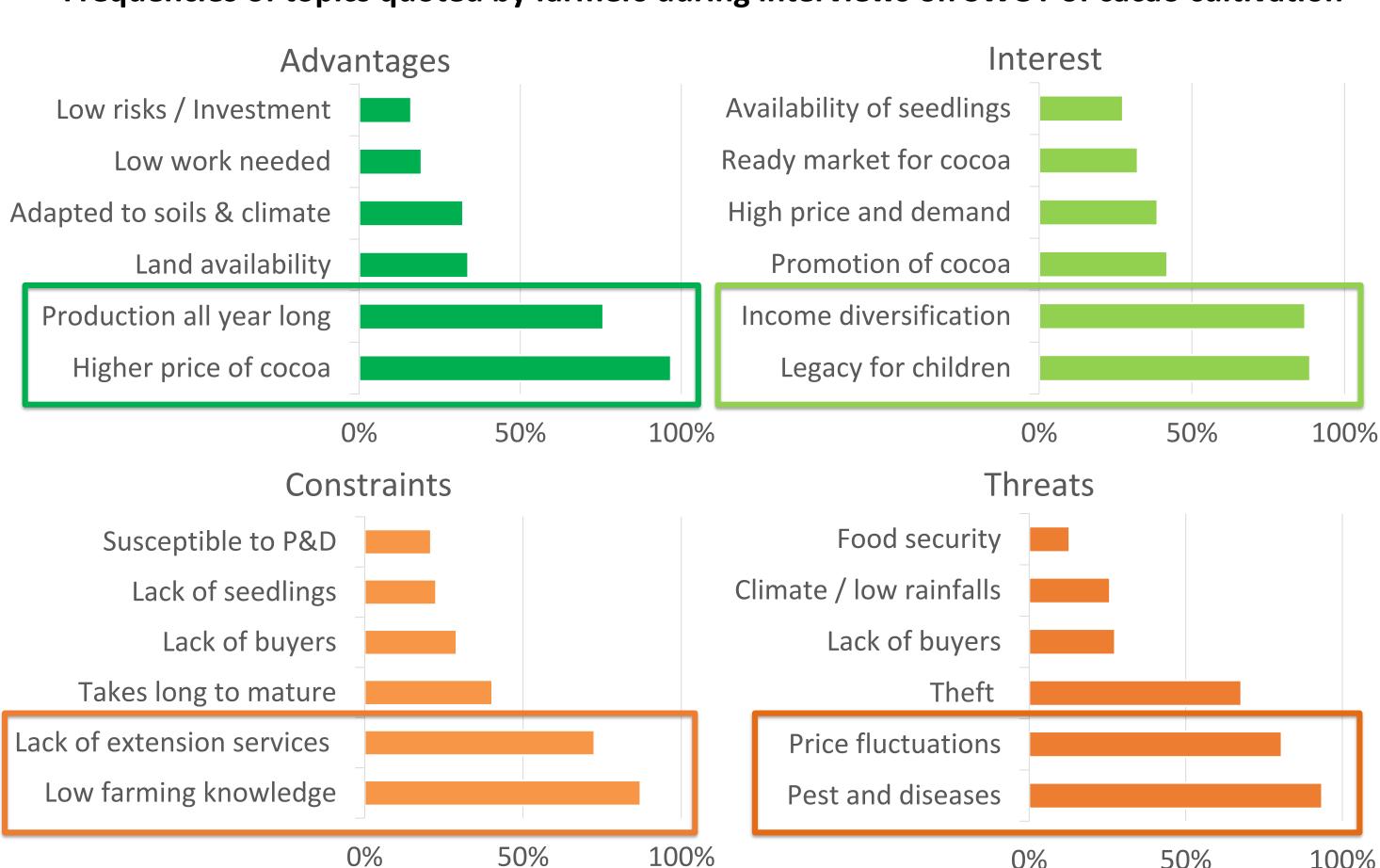
Hoima

Bundibugyo

Kasese -

### Results: SWOT of cacao farming in Uganda





#### Summary of the results

#### Development of cocoa cultivation in Uganda

- Strong interest in experimenting cocoa production in all visited districts
- Farmers are cautious about cacao production and rely on a mix of crops
- Need for diffusion of agronomic skills and improved support services
- Long-term strategies of farms & willingness to experiment shade associations.

#### Development of agroforestry practices

- Cacao agroforestry already prevailing in Uganda
- Agroforestry practices inherited from recommendations for coffee management
- High tree densities, but low intra-regional diversity of associated tree species.

#### Conclusion

- **▶** Strong potential of development for Ugandan cacao sector
- **▶** Should rely on diffusion of Good agronomic practices
- **▶** High potential for promotion of associated tree diversity
- Promotion of tree species providing long-term benefits

#### **EU-EAC Market Access Upgrade Program**

- ✓ Four-year program to support SMEs in East African Community (EAC).
- ✓ Increase exports of agricultural products, improve competitiveness and promote regional integration for coffee, cocoa, tea, spices, avocado & horticulture products.
- ✓ Implemented by the International Trade centre (ITC), Funded by the European Union







