CLIMATE CHANGE RISKS AND OPPORTUNITIES IN THE EAST AFRICAN GRAIN VALUE CHAIN



OUR VISION

A climate resilient community of male and female grain stakeholders that uses climate information to increase grain production, reduce post-harvest losses and improve market access for food security and improved livelihoods.







WHY FOCUS ON **POST-HARVEST LOSSES?**

For grains alone, the value of post- harvest losses are estimated at four billion USD per year (at 2007 prices), which could meet the annual food requirements of about forty eight million people. Of these losses, 30 to 40 percent can be attributed to climate change.

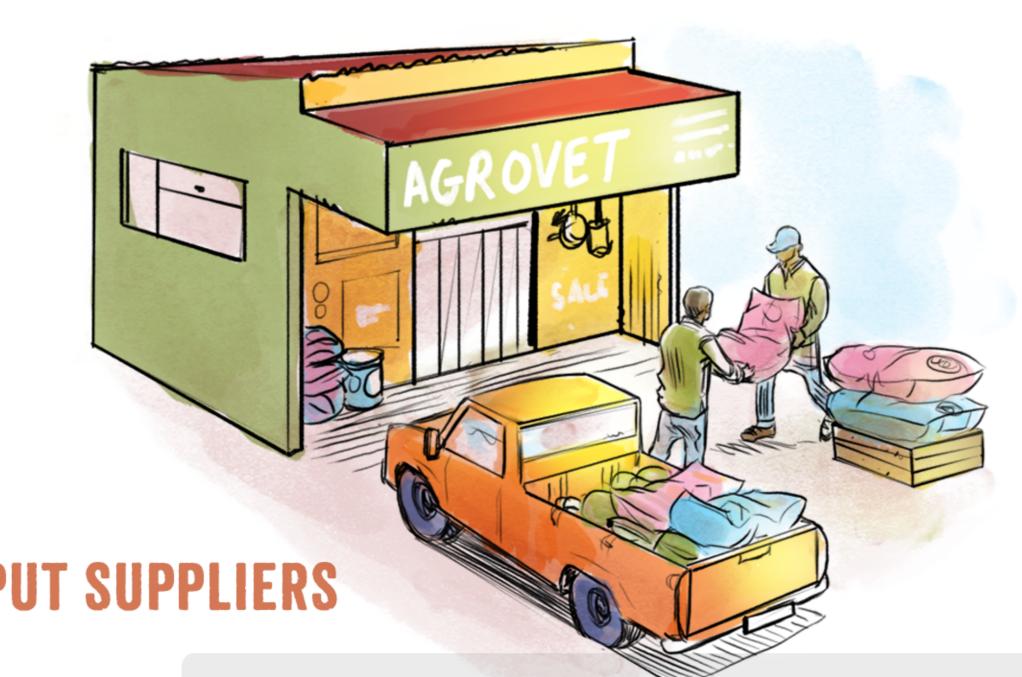
WHAT WILL THIS INFO-**GRAPHIC ACHIEVE?**

- Inform grain value chain actors of climate resilient farming, storage and distribution practices.
- Improve the understanding of climate change impacts, and develop methods for mitigating these across the value chain.
- Contribute to recommendations and proposals for improving food security that can be taken up by policy makers.









 Producing or that aren't climate resilient or friendly.

- Share information around the type of products that can be produced.



FARMERS

or increased temperatures

 Weeds, pests, and temp- eratures, wetter climates, and increased

Equipment spoilt by extreme weather

OPPORTUNITIES

- Crop failure due to - Develop Develop heat flooding, lack of rainfall and drought-resistant high- yielding varieties

> - Use of more effective irrigation techniques

weather events.



RISKS

increases the likelihood yield allow for of clients rejecting

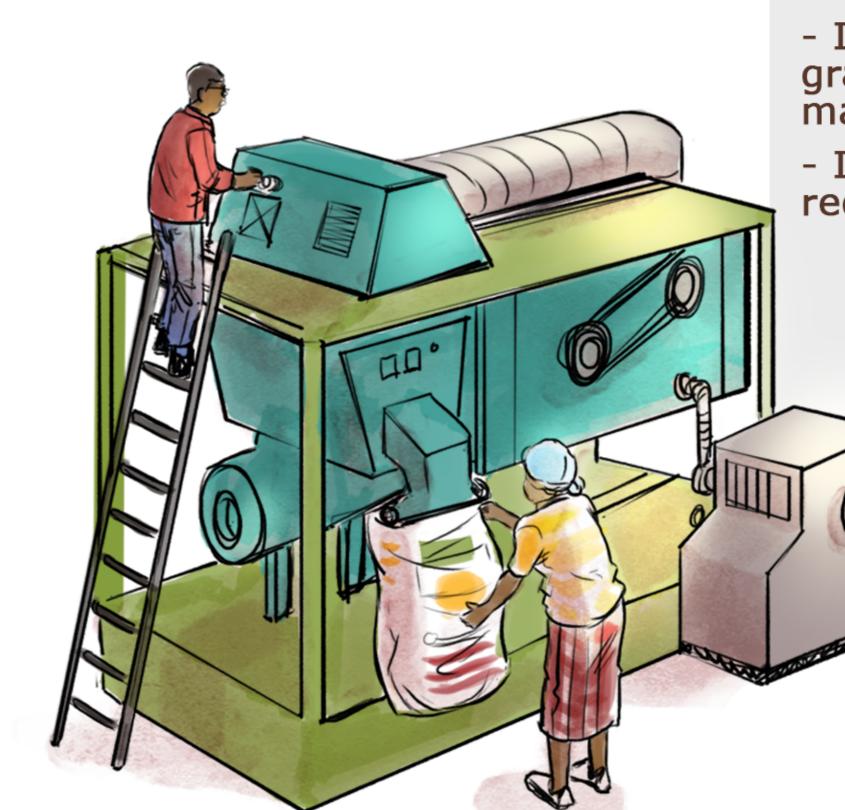
for distribution of

TRADERS

OPPORTUNITIES

 Better forecasts on improved plan- ning.

- SMS information on - Floods affect logistics rainfall forecasts.



OPPORTUNITIES

Idle plants due to reduced grain supply.

Develop a regional food balance sheet.



RETAILERS

FINANCIAL

RISKS

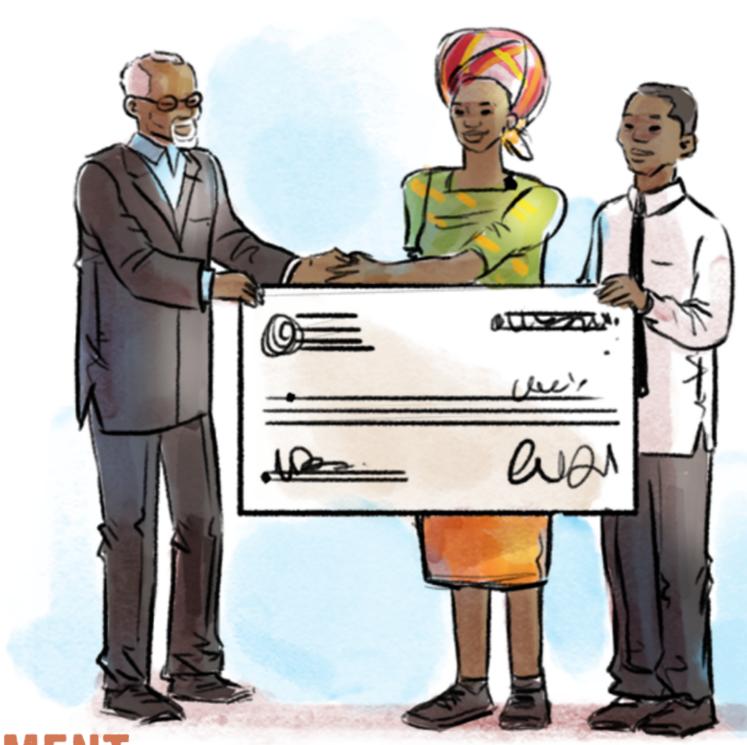
 Limited credit available due to uncertainty around climate change.

 Perceptions of low profitability and high

OPPORTUNITIES

- Climate information informs financing solutions.

- Directing climate finance into agriculture and linking financial holders and agricultural



GOVERNMENT



RISKS

 Policies and procedures don't policies, legislation and address climate change plans of action related Policies and effectively.

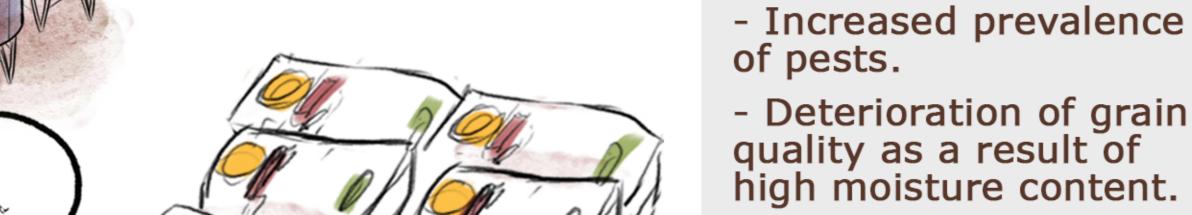
Women are seriously

OPPORTUNITIES

to climate change.

 Gender-sensitive climate budgeting.





RISKS

Grain Management /Preservation.

OPPORTUNITIES



CONSUMERS

