

# Capacity building through research and trial of a mobile phone application to reduce on-farm food waste and increase surplus food redistribution

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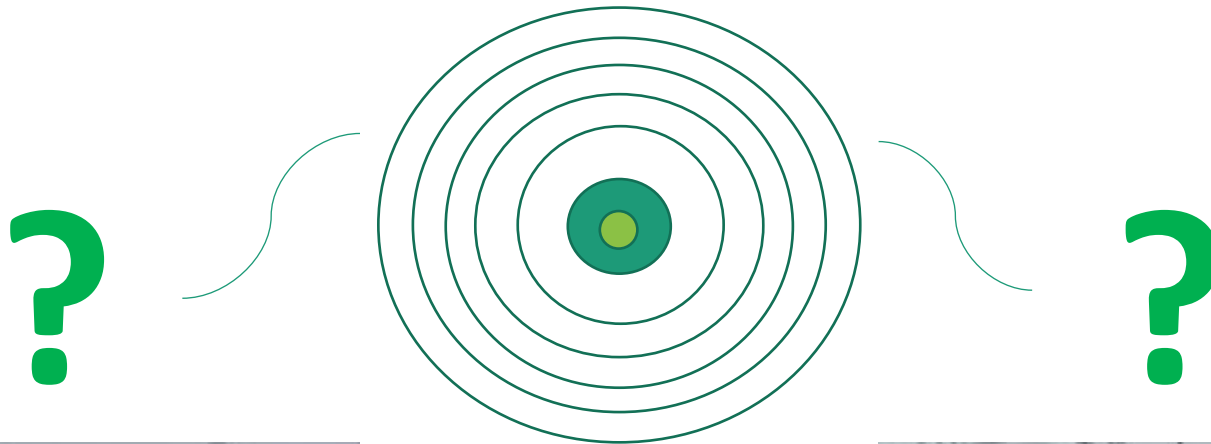
# Introduction

- The issue of food waste in South Africa is critical
  - High levels of food insecurity and added impacts of the current drought – 13% of the population vulnerable to hunger.
- Most food loss and waste occurs on-farm and during processing.
- For the grower (small- through to large-scale), losses on-farm can threaten their financial survival.
- Most of this produce is edible and nutritious.
- A grower may not have easy access to or be aware of alternative higher value markets for surplus product.
- A radical shift in current practices is required.
- This project plans to trial a 'disruptive model' to do this.



**Trading surplus food using a mobile application**

# identify – connect – trade

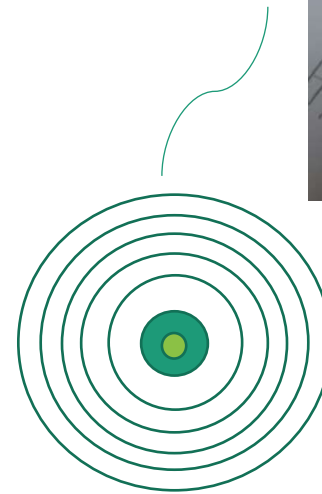
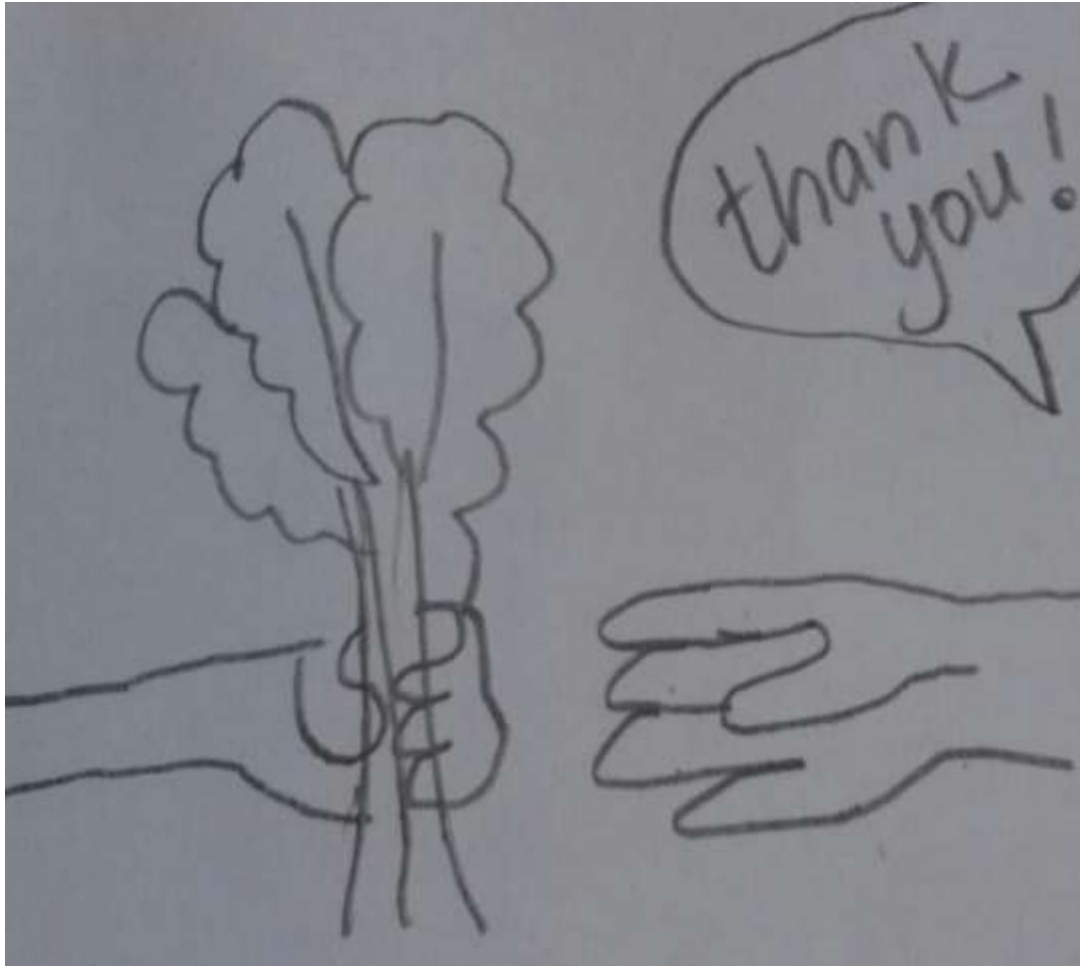


Farmer

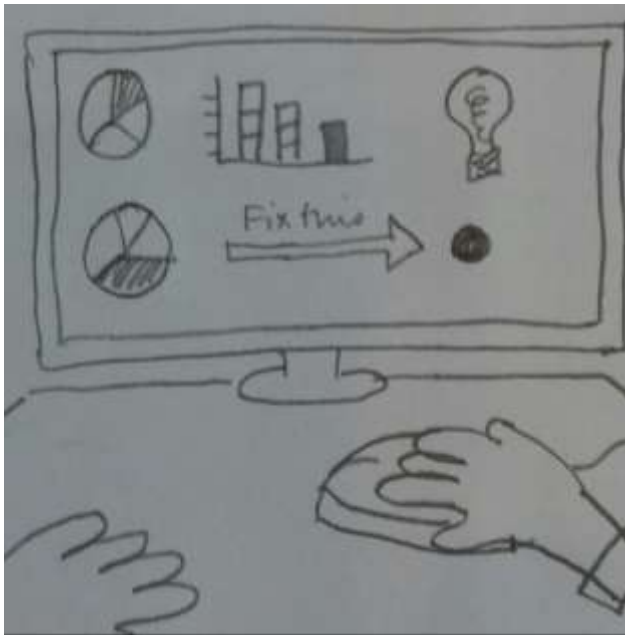
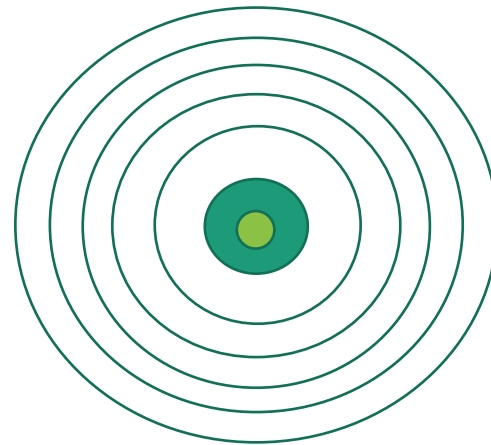


Buyer

# arrange - collect – rate – use



# manage – monitor – learn



**Monitoring & maintenance**



**Research & learning**

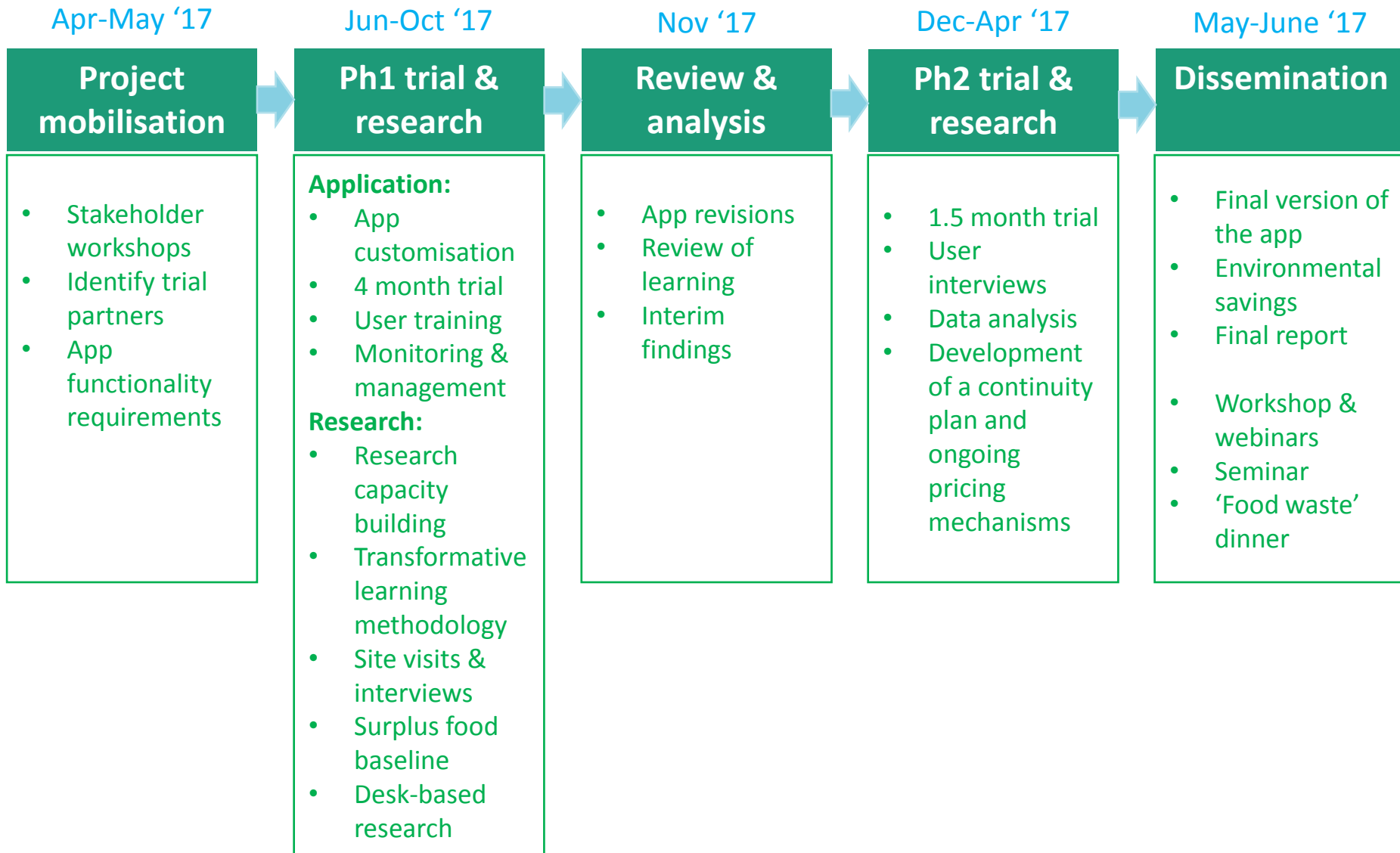
# Project partners



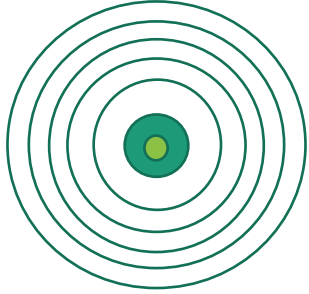




# Process and outputs



# Further information or involvement



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