

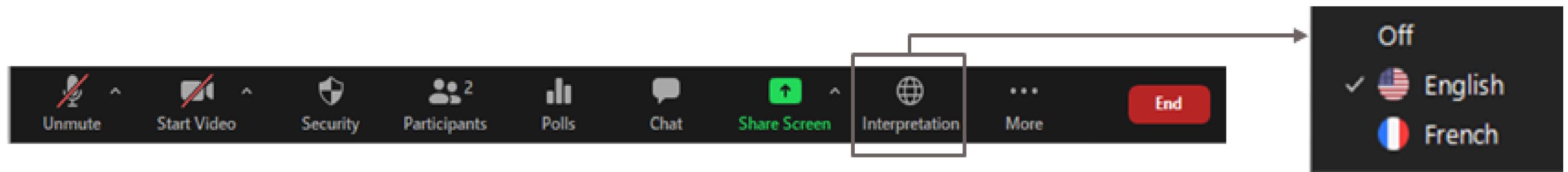
The Permagarden Pathway to Resilience & Food Security: Lessons in Scaling up from Nepal and Uganda

Everyone must select a language!

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The Permagarden Pathway to Resilience & Food Security: Lessons in Scaling Up from Nepal and Uganda

Sagar Pokharel, *Apolou Program (Mercy Corps)*

Andrea Mottram, *Mercy Corps*

Abby Love, *SCALE Award*

Linda Eckerbom Cole, *African Women Rising*

Moderated by **Tilman Brück** of **ISDC/IGZ**

**2021
Webinar
Series**

HOME GARDENS FOR RESILIENCE AND RECOVERY

HG4RR



Bundesministerium
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Strengthening Capacity in Agriculture
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<https://lifewithcorona.org/survey/>



LIFE
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Home Gardens for Resilience and Recovery Network

<https://isdc.org/projects/hg4rr>



WorldVeg



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Agenda

- Welcome and introductions
- Introduction to SCALE
- Lessons from Nepal
- Lessons from Uganda
- Q&A
- Wrap-up



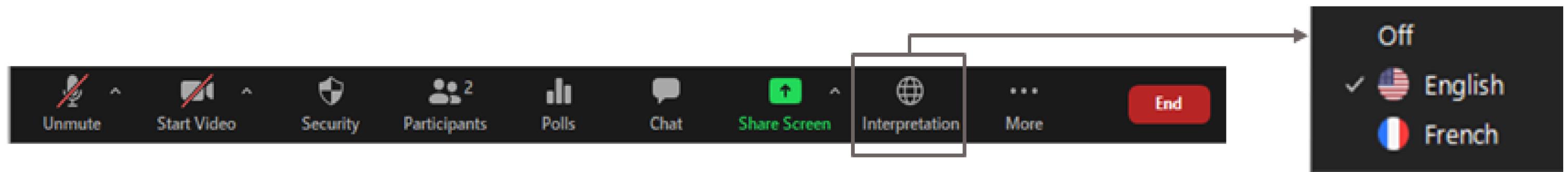
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Presenters



ANDREA MOTTRAM

MERCY CORPS, DIRECTOR OF
AGRICULTURE SYSTEMS



SAGAR POKHAREL

MERCY CORPS, TECHNICAL
DIRECTOR FOR APOLOU
PROGRAM



LINDA ECKERBOM COLE

AFRICAN WOMEN RISING,
EXECUTIVE DIRECTOR

With contributions from Abby Love (SCALE Agriculture Advisor), Ishu Shrestha (Field Manager/Agriculture Specialist for Mercy Corps Nepal) and Deepak Aryal (Agriculture Manager for Mercy Corps Nepal)



Introduction to SCALE

- USAID Bureau for Humanitarian Assistance (BHA)-funded
- 5 years: 2018-2023
- Implemented by Mercy Corps in partnership with Save the Children
- Technical areas: agriculture, NRM, off/non-farm livelihoods
- Focus on capacity strengthening, knowledge sharing and learning for BHA-funded programs, globally

Aim: improve the impact, sustainability, and scalability of USAID/BHA's activities in agriculture, natural resource management, and livelihoods in emergency and non-emergency contexts

A woman with a baby on her back stands in a garden. The garden is enclosed by a fence made of wooden posts and horizontal rails. The ground is covered with straw or hay, and there are rows of green plants. The background shows a lush green landscape with trees and a clear blue sky. A large green circle is overlaid on the left side of the image, containing the text 'QUICK POLL!'.

QUICK
POLL!

WHAT IS THE PERMAGARDEN METHOD?

Overview of Permagardens

PRINCIPLE BASED

Context-specific design for
optimizing resources



SOIL & WATER

Soil health and water management



BIODIVERSITY & PROTECTION

Plants, trees, and animal diversity and
protection



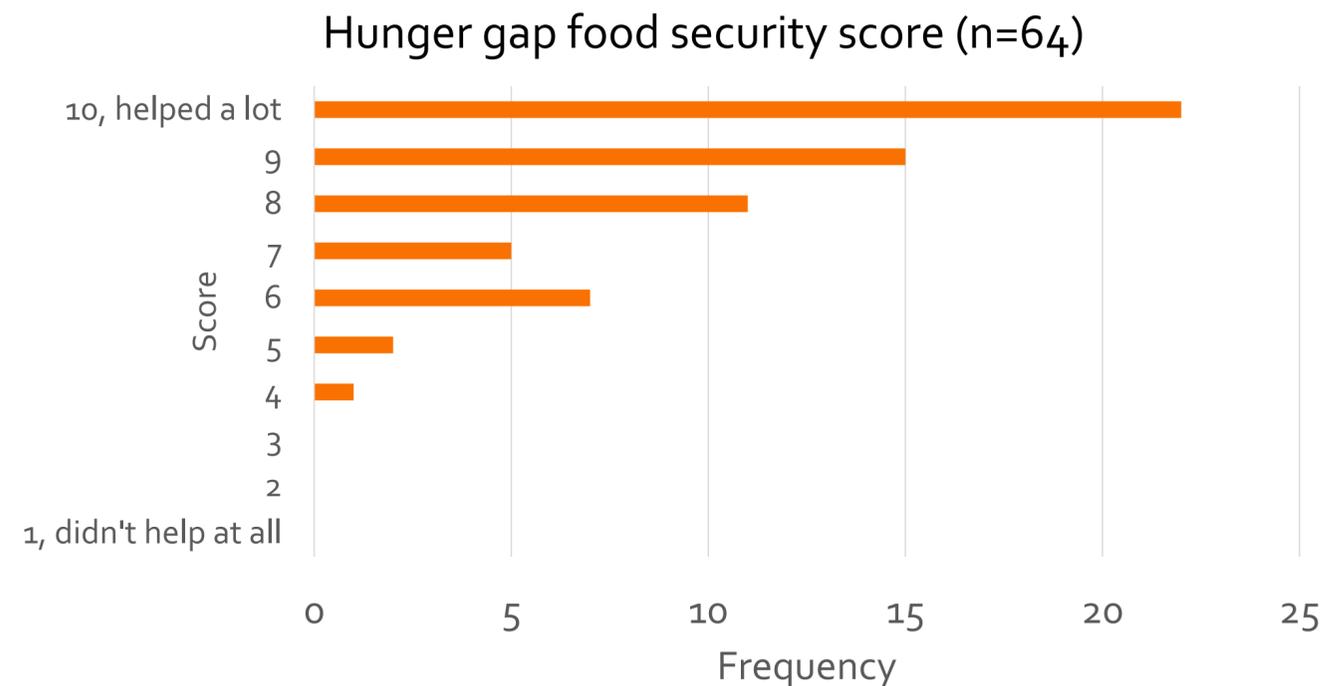
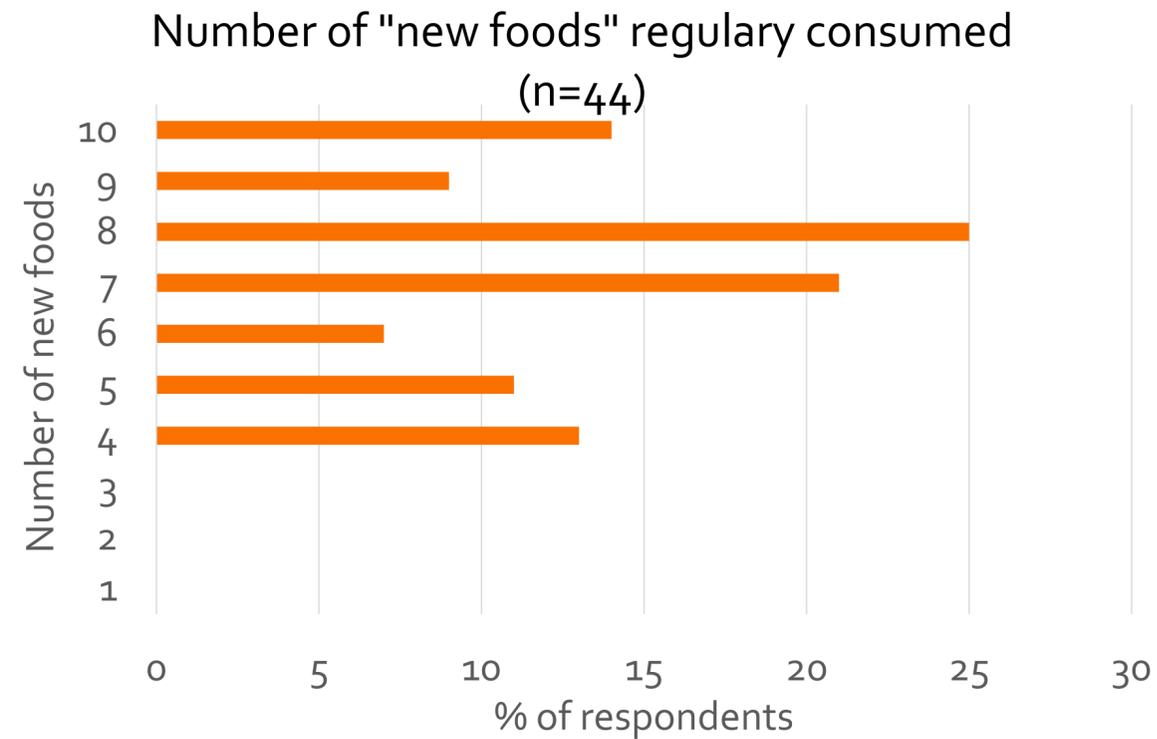
COMMUNITY LED

Ensuring local relevance and ownership



Key Outcomes

4 participatory impact assessments in Nepal and Uganda consistently produced positive results for **food security and nutrition, income, and knowledge/skills**





Key Challenges

- **TIME REQUIRED TO LEARN SKILLS** - significant technical detail to learn
- **MAINTAINING QUALITY** - ensuring farmers incorporate critical elements
- **REACHING SCALE** - reaching large numbers while maintaining quality
- **SUSTAINABILITY** - all farmers may not need to invest in permagardens all the time



LESSONS FROM NEPAL: USAID/BHA-FUNDED PAHAL PROGRAM

PRESENTED BY: SAGAR POKHAREL

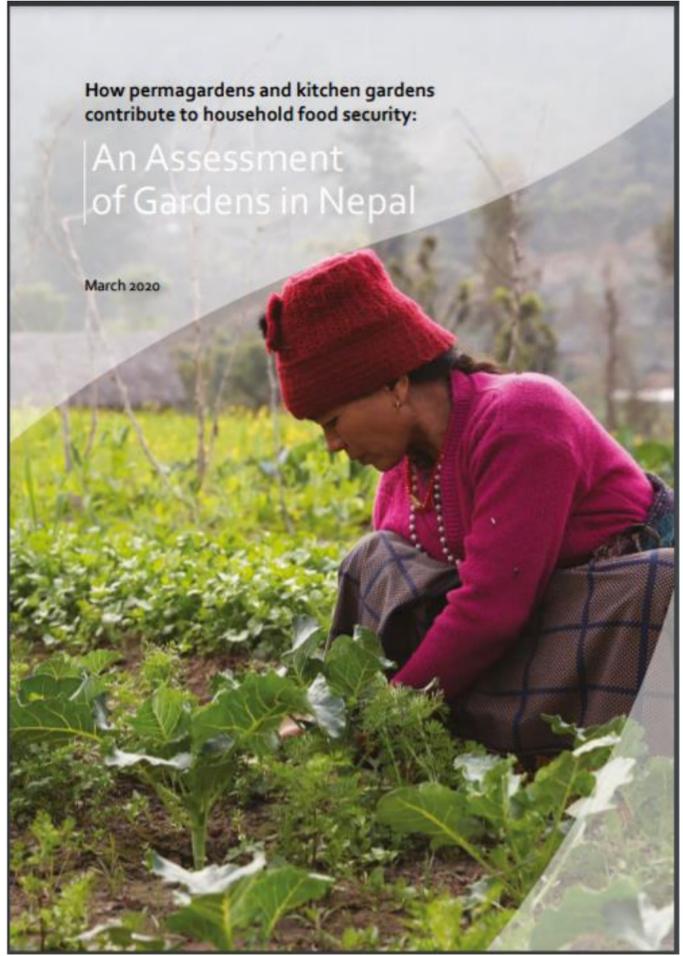
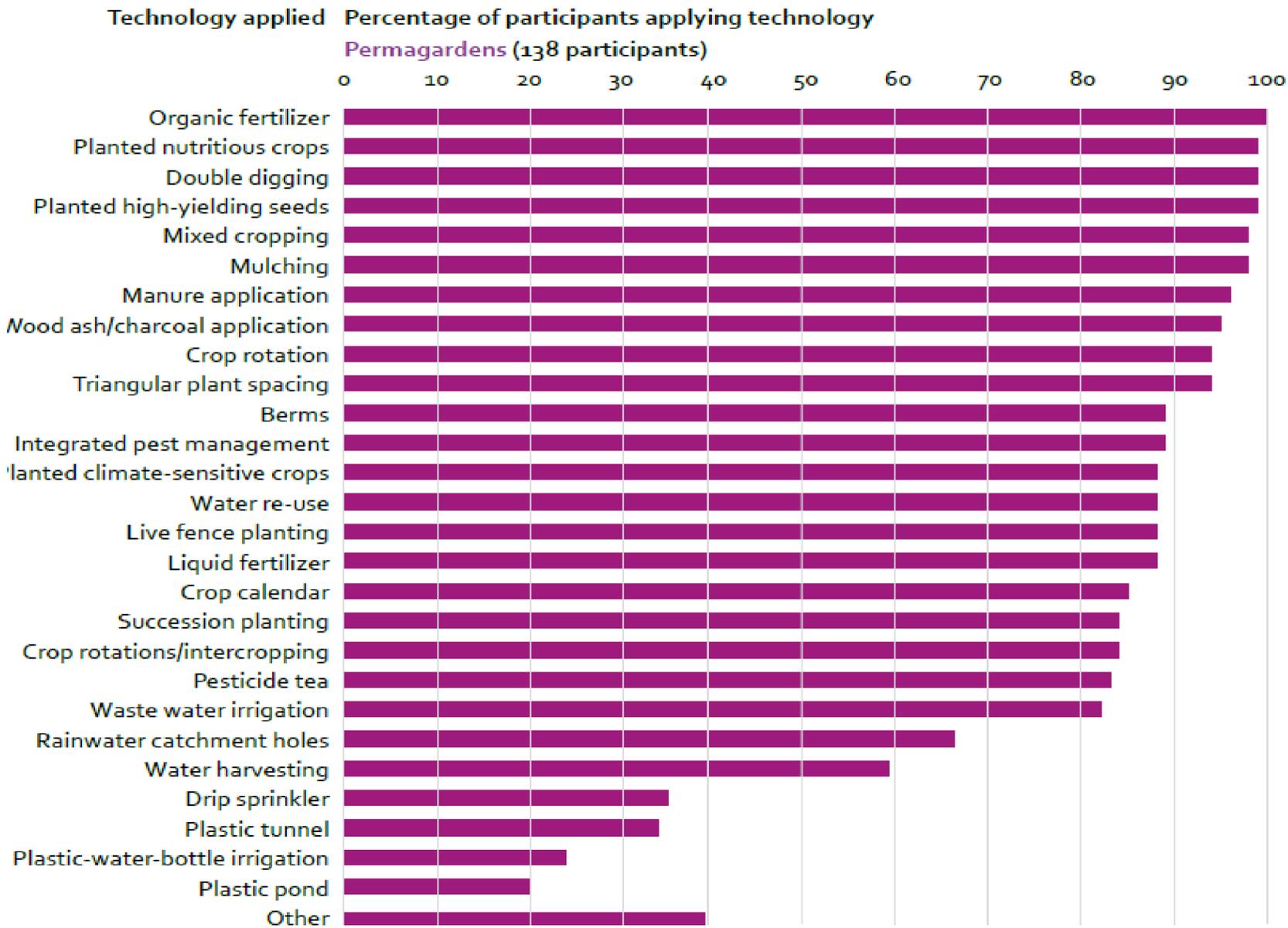
Why Permagardens for the context of Nepal?

- › Goal of the program: improving nutrition and food security
- › Respond to multiple shocks and stresses
- › Hard to reach communities: intensive use of local resources
- › Households with limited access to land
- › High density plantation resulting in higher yield and increased income



Findings from Permagarden Impact Study

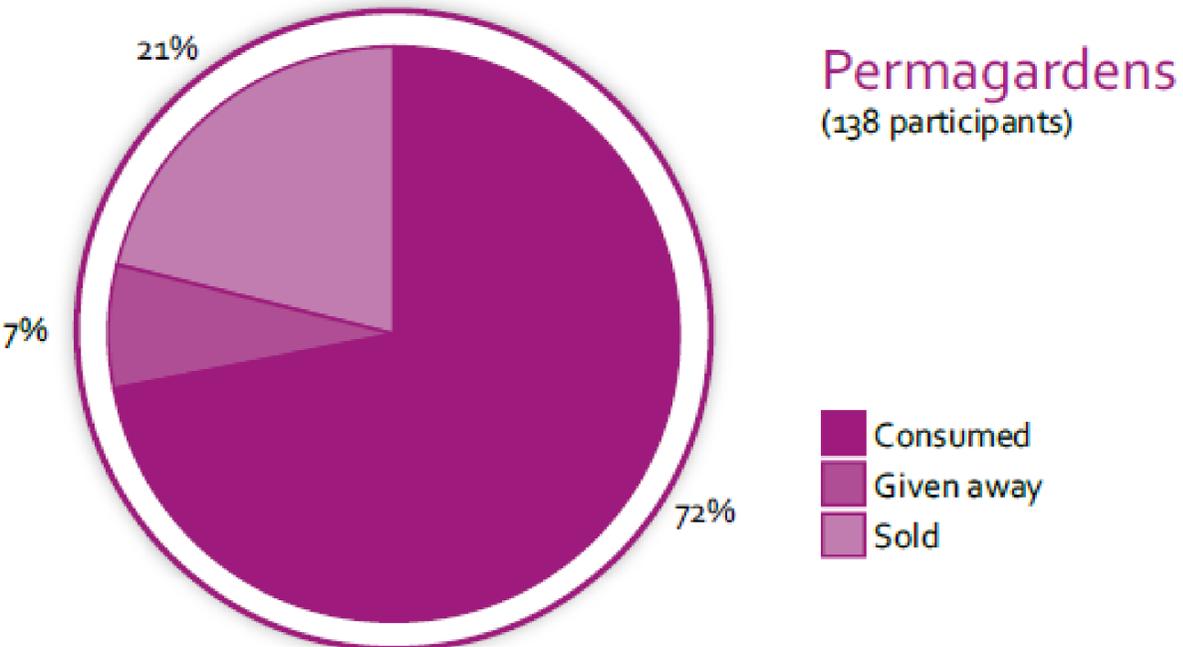
Number of Technologies Applied



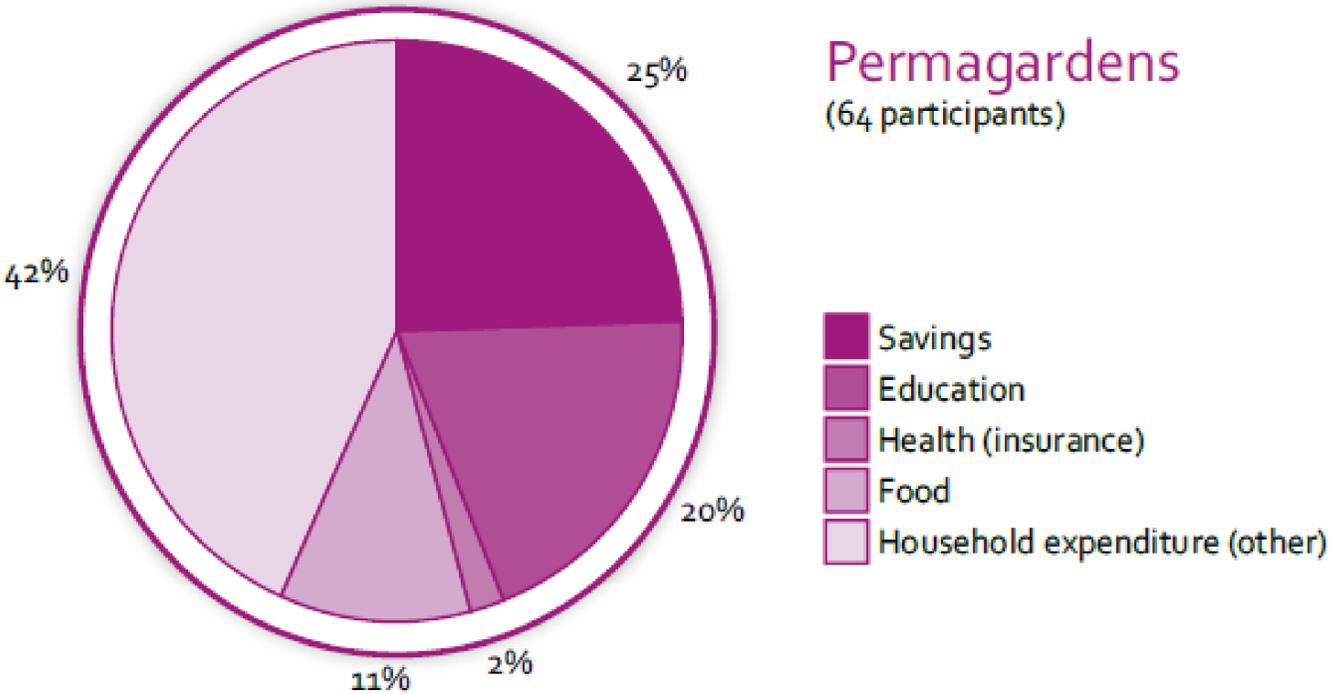
Data from: *How permagardens and kitchen gardens contribute to household food security: An Assessment of Gardens in Nepal*

Findings from Permagarden Impact Study

Utilization of crops from Permagardens



Utilization of income from crop sales



Key Challenges, Opportunities & Limitations

- › Initially labor intensive to set up the garden, coupled with male outmigration
- › Limited capacity & understanding of permagardens among staff in local government and the private sector
- › Low impact if not layered with soil and water conservation technologies
- › Permagarden methods were adopted from African context, which did not exactly address the climatic trends of Nepal (e.g. hail); opportunity exists for more research
- › MC piloted permagardens as a direct intervention at the end of the project



LESSONS FROM UGANDA: AFRICAN WOMEN RISING

PRESENTED BY: LINDA ECKERBOM COLE



Permagardens in Northern Uganda

- Why Permagardens
- Our participants



**AFRICAN
WOMEN
RISING**



Impacts

- Increase in number of meals per day
- Additional income
- Social capital





Host vs Refugee

- Access to land/water
- Uptake
- What is the goal?



**AFRICAN
WOMEN
RISING**



Do Permagardens require intensive support?

- Attitude towards agriculture
- Donor support



The slide features a green background with a gradient from light to dark. On the left side, there are several overlapping, semi-transparent white shapes that resemble stylized leaves or petals. A white rectangular box is positioned in the center-right of the slide, containing the text "Q&A" in a bold, green, sans-serif font.

Q&A



SCALE



www.fsnnetwork.org/scale

Sign up & receive updates and event invitations!



[Abby Love](mailto:scale@mercy Corps.org)

scale@mercy Corps.org

T H A N K Y O U !

Thank you for joining!

isdc.org/projects/hg4rr

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**NEXT
WEBINAR:
20 April
14:00-15:00 CET**

