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# Integrated Community Based approach for farm, market and diet diversity

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# Vihiga County

- Diagnostic survey
- Participatory development of activities (CAP)
- Baseline
- Participatory implementation of activities (CAP)
- Endline





## Diagnostic survey

- Vihiga County is rich in local food biodiversity:
  - 67 cultivated plant species
  - 38 wild edible plant species were cited
- Only 45% of women and 75% of children consumed a diverse diet
- Stunting affected 28% of children





# Participatory Development of Community Action Plans



\*\*Bioversity International/J.Boedecker

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International Centre for  
Sustainable Agriculture  
Since 1982. Governance for sustainable change.



Kitchen gardens (TLV and legumes)

Poultry units



Cooking demonstration &  
Door-to-door nutrition counseling



# Impact evaluation

- 330 households randomly sampled
  - 5 intervention and 5 control sub-locations
  - before and after CAP implementation
- Also sampled: 168 female project members with a small child
- Intervention group = female project members (direct beneficiaries) + female non-project members in intervention sub-locations (indirect beneficiaries)
- **Mean DDS children and women significantly increased**
- **Percentage of children reaching Minimum DD significantly increased**





# Next steps

- Sublocation groups evolved into **farmer resource centers**
- **Additional groups** set-up with similar positive results
- **Pilot-test approach** in
  - Turkana County with integration of wild foods in the portfolio
  - Tigray, Ethiopia (different socio-political context)
- **Community Seed Bank (CSB)**
  - to improve access to quality (TLV) seeds and planting material
  - Central resource centre for information exchange and learning
  - Platform for engagement with private and public sector actors
- **Integration of fruit trees** in the CSB and group activities
- **Vihiga County** stakeholder engagement: roadmap towards a sustainable food system based on agro-ecological principles / scaling strategy



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# Thank you!

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