

FOOD & BUSINESS APPLIED RESEARCH FUND

Innovations for Sustainable and Profitable Intensification of Smallholder Dairy in Kenya (ISPID)



Consortium Members

1. Godfrey Nyang'ori

Project manager Mt Clara Mtakatifu Mwangaza Centre

2. Bockline Omedo Bebe

Egerton University
Deputy Director of Extension & Outreach

3. Jan vander Lee

Senior Livestock Advisor Wageningen UR Livestock Research

Project Description

Goal is to secure food, health and wealth with minimal externalities for smallholder farmers in dairy intensification process

Objective is to empower smallholder farmers to practice sustainable and profitable dairy intensification that minimize health and environmental externalities

Methods applied are action research, participatory feedback validation, targeted training in farmer priority needs, lesson learning tours, postgraduate training

Impact Anticipated

- 1. Farmers produce and trade quality and safer milk.
- 2. Farmers optimize resource use efficiency, reduce production costs and maximize profits.
- 3. Development agents promote inclusive intervention approaches in dairy intensification process.
- **4.** Farmers are more resilient to shocks of climate, disease incidences, and seasonal fluctuations in feed and milk prices.
- 5. Farmers reduce postharvest milk losses and add value to milk.
- 6. Farmers increase herd productivity, food, incomes and agrobiodiversity.

Impact activities

- 1. Stakeholder inception workshop
- 2. Baseline survey
- 3. Dairy campus construction
- 4. Farmer knowledge and skills empowerment
- 5. Postgraduate action research
- 6. Farmer extension materials production
- 7. Farmer lesson learning excursions







Opportunities and challenges

- 1. Technical support from Dutch organization-SNV
- 2. Student internship placement facility
- Capacity building in Agribusiness, skills and competency, and climate smart agriculture practices
- 4. Formation of farmer cooperative society
- 5. Upscaling best practices
- 6. Weaning farmers off external support









