

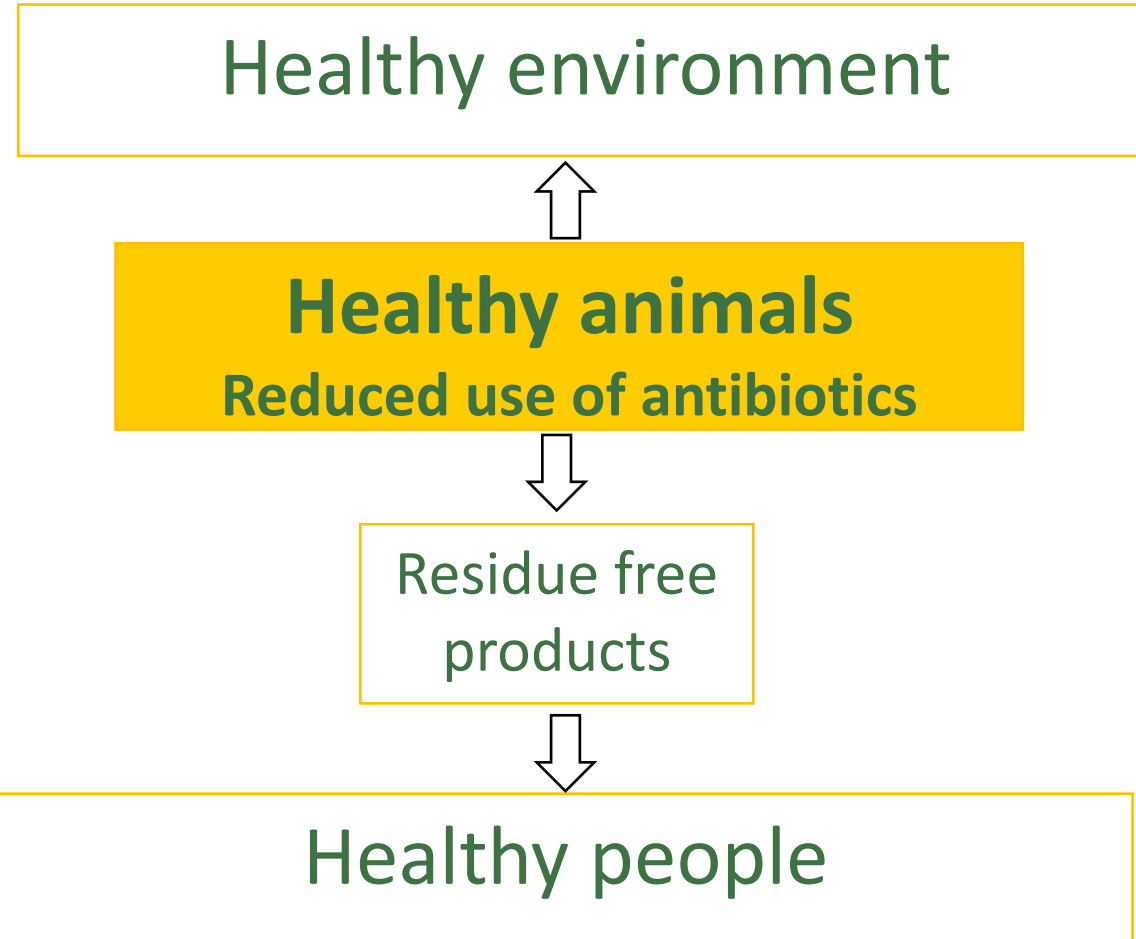
# Natural Livestock Farming - integrated cattle health approach for smallholder & large scale dairy



**Dr. Katrien van't Hooft, NLF Foundation**  
Webinar Experiences with Use of Herbs for Mastitis Control  
IDF-NLF 6 December 28 2022

# Natural Livestock Farming – Why?

a practical contribution to One Health



# Natural Livestock Farming – How?

## The NLF 5-layer strategy



Integrated approach to livestock health & towards sustainable dairy production

# NLF where?



International collaboration Ethiopia, India, Netherlands, Uganda

**Building on a variety of knowledge systems**

Combining a variety of farming systems

**Combining grassroots experience (farmers and veterinarians) with scientific back-up**

# Natural livestock Farming Foundation - who?

## Admin board

## Excutive board

## Technical committee



2018 – NLF registered as charity (ANBI)

# NLF activities & results



**India:**  
dr. Nair  
Dr Harikumar

**Uganda:**  
Next webinar  
on herbal  
tick control



**Ethiopia**

**Netherlands**  
dr. Maria Groot



# NLF pilot smallholder dairy in Ethiopia 2017-2019 with Ethiopian Society of Animal Production (ESAP)

- Pilot NLF 5-layer strategy funded by Dutch government
- Reduce use of antibiotics, improve milk quality & laboratory skills
- Revitalize knowledge herbal medicine
- Improve calf management, cattle feeding and housing



# NLF Ethiopia / ESAP – field activities



Participatory analysis and monitoring of cattle health situation



Using “NLF wheel of animal health and wellbeing”







Training on  
herbal medicine



Training on improved calf  
care and hoof trimming

## Main project results:

- 50% increase in milk quantity
- 60% reduction in calf mortality
- 33% increase in farm income
- 20% reduction of average costs for cattle health
- 8% reduction of antibiotic residues in milk, 50% reduction E-Coli
- Increased acceptance by international NGO's and government

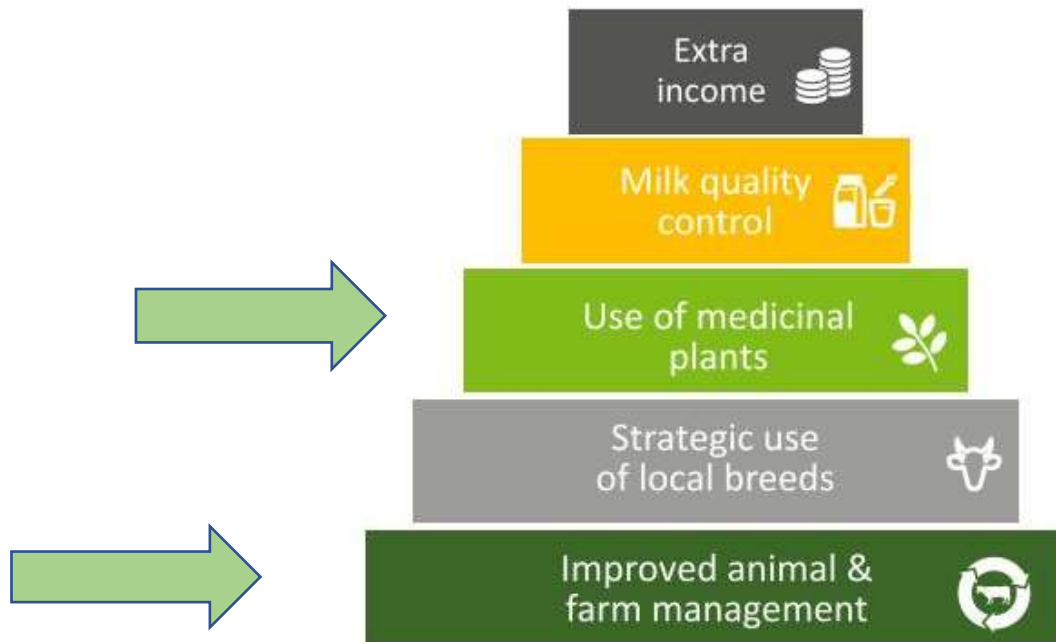


Herb technologies proved especially appropriate for women – raising gender equality and women's leadership skills

# Conclusions NLF approach for mastitis management

Mastitis management requires combination of actions:

- Awareness raising of farmers and benchmarking
- Management for mastitis prevention: feeding in dry-cow period, hygiene
- Herbs provide good *additional* resource, both preventive and curative



# What can NLF do for you?

- E-list with regular exchange on Ethnovet Medicine, and other topics
- Website – [www.naturallivestockfarming.com](http://www.naturallivestockfarming.com)
- Regular webinars
- Publications, videos (incl. from Access Agriculture)
- Linkages

**Invited to connect!**

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