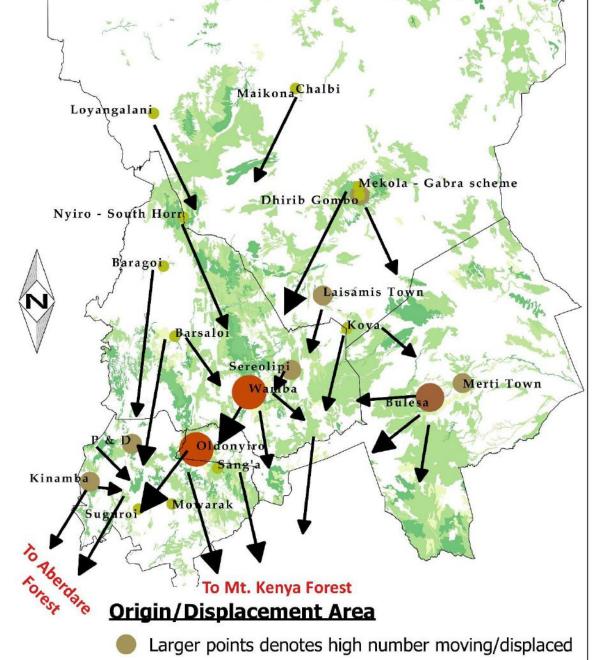
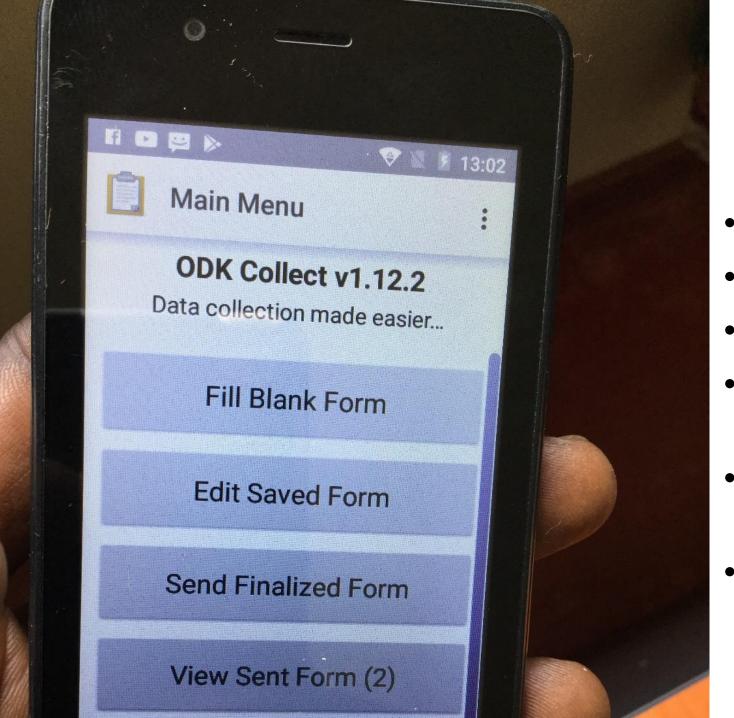
## **Use of Mobile Technology** for assessments of **Community and Wildlife Use of Rangeland** Resources in Laikipia, Kenya

# Study Area Marsabit Samburu Isiolo

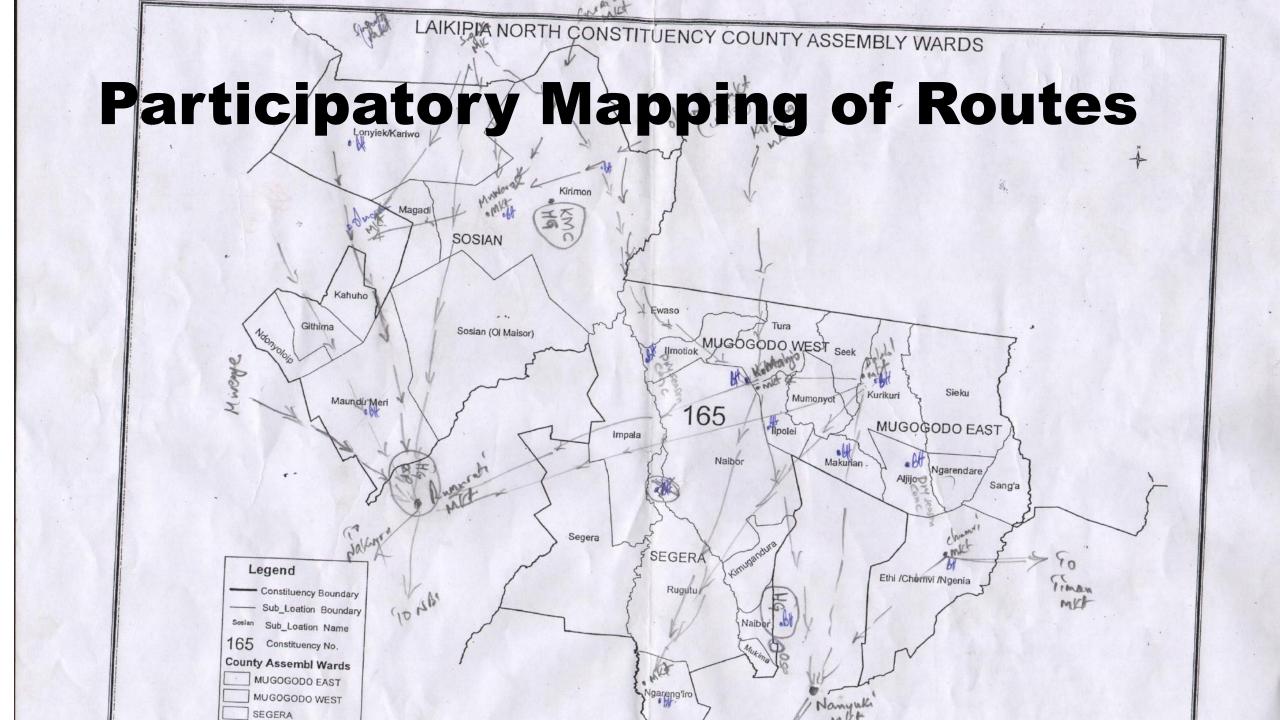
## Pastoralists' Movement Map



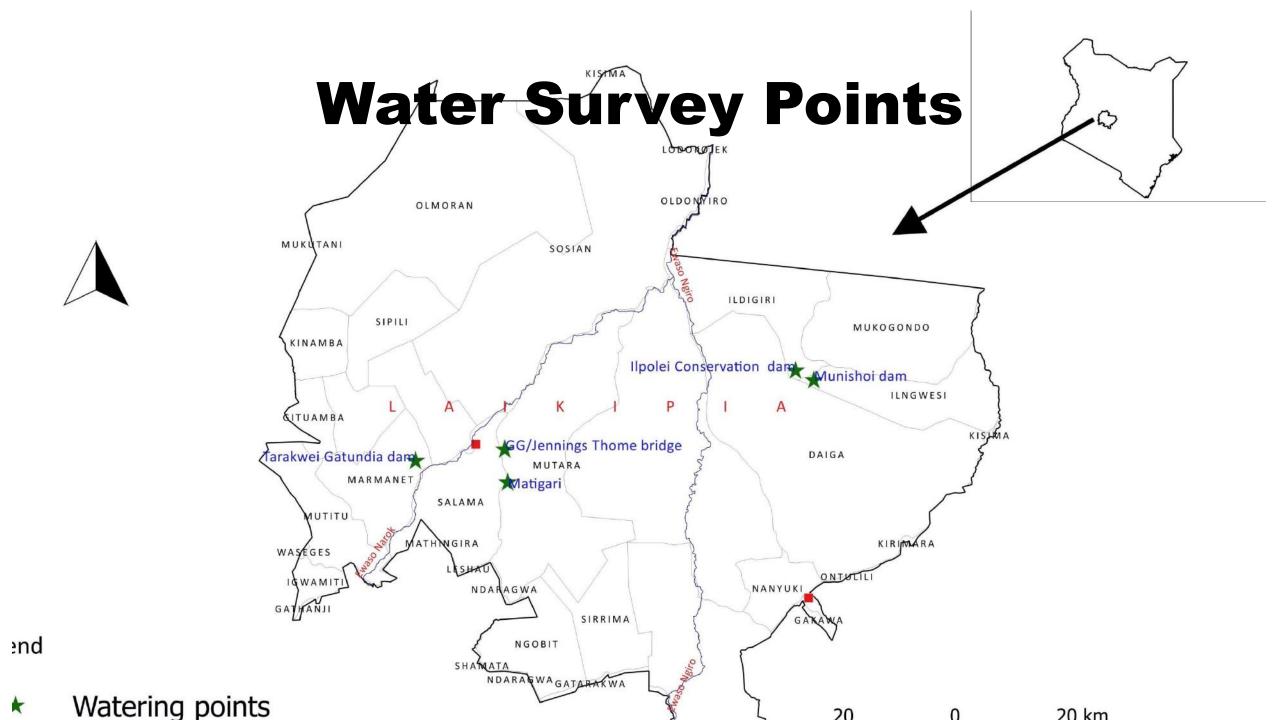


- Simple Smartphones
- ODK Collect Platform
- Easy User interface
- Automatic upload when GSM network
- Automatic Recording of time, and respondent identity
- Records bith text and photographic data









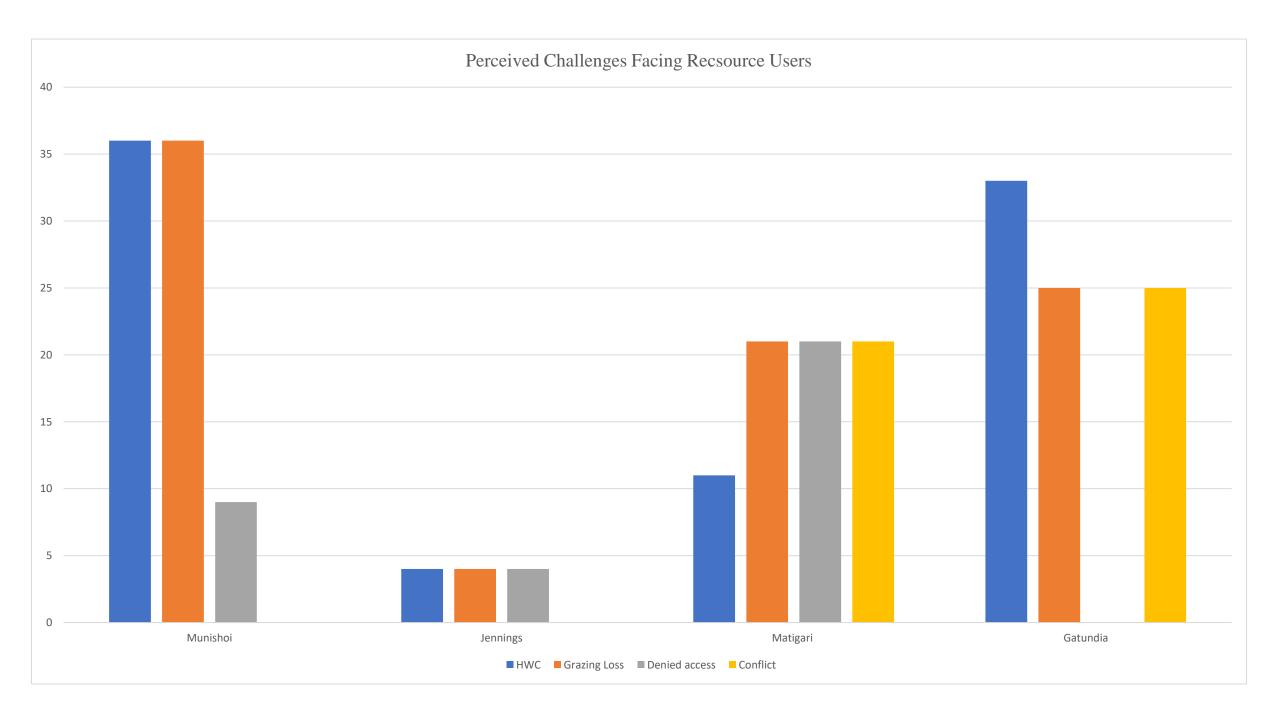




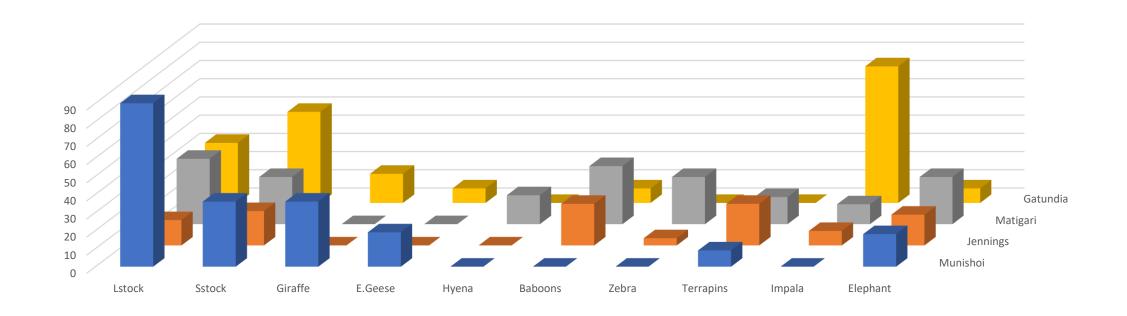


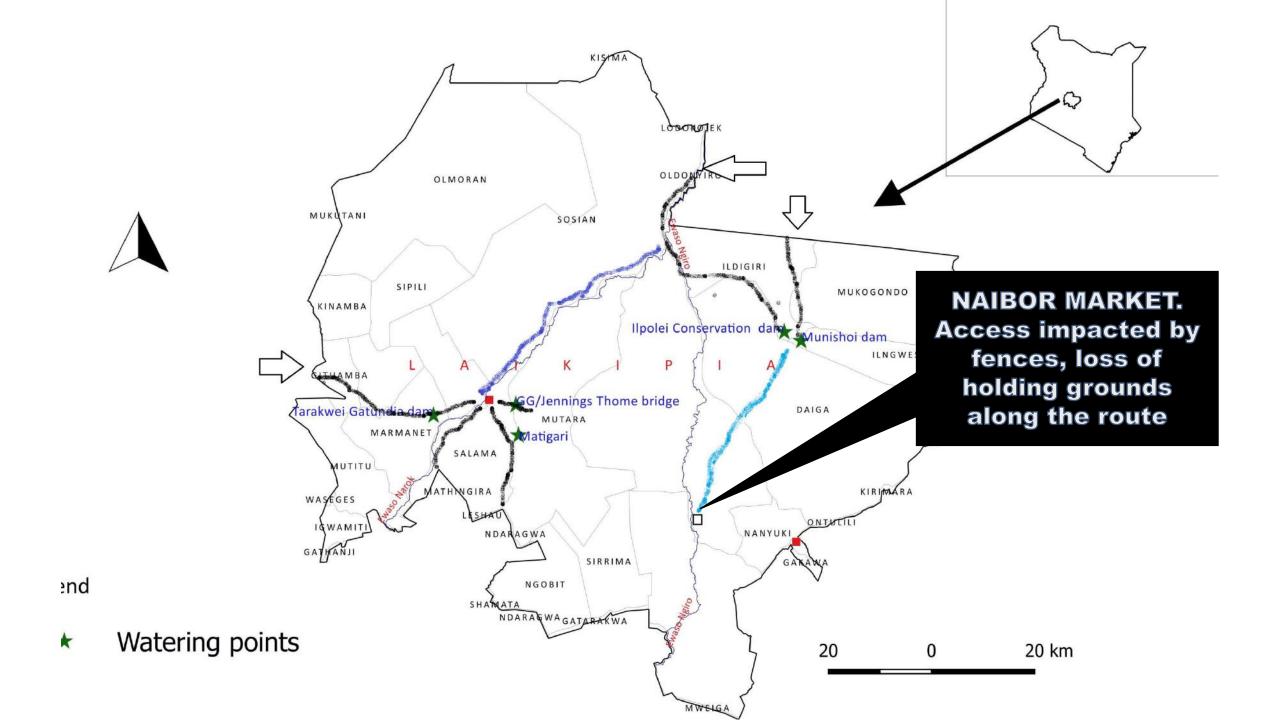


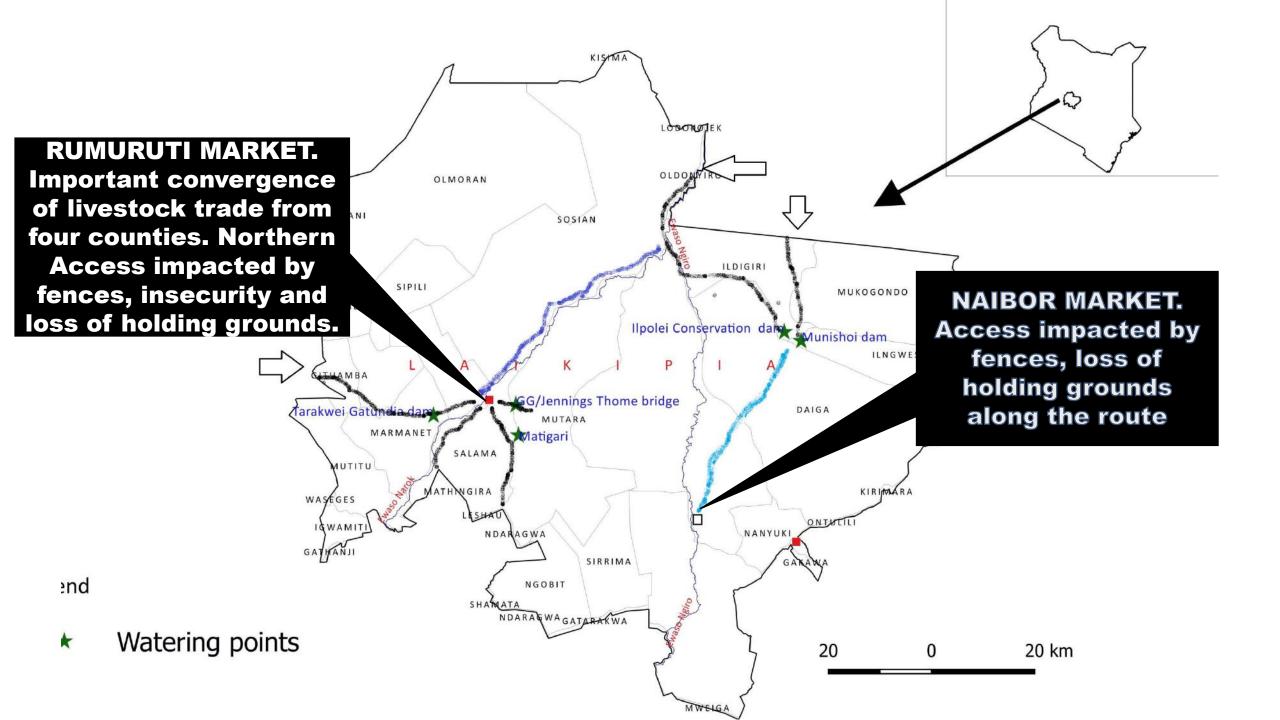


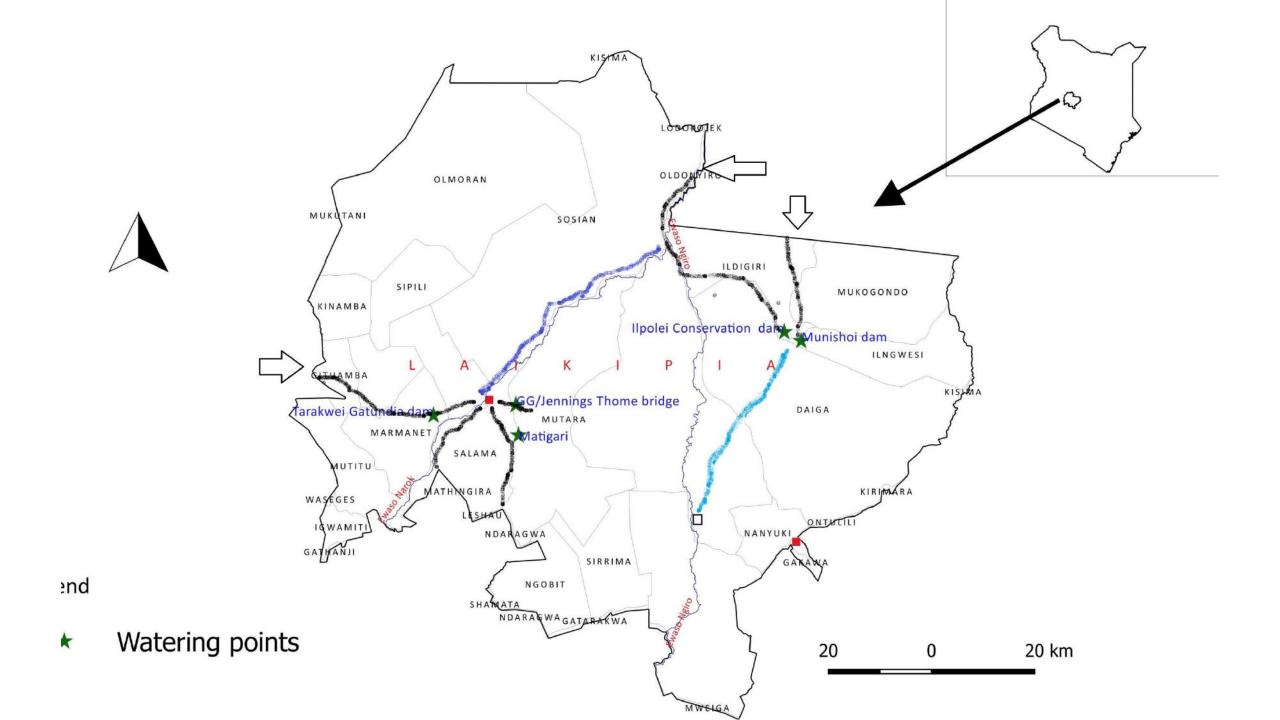


#### Species detected using the water sources in the study area

















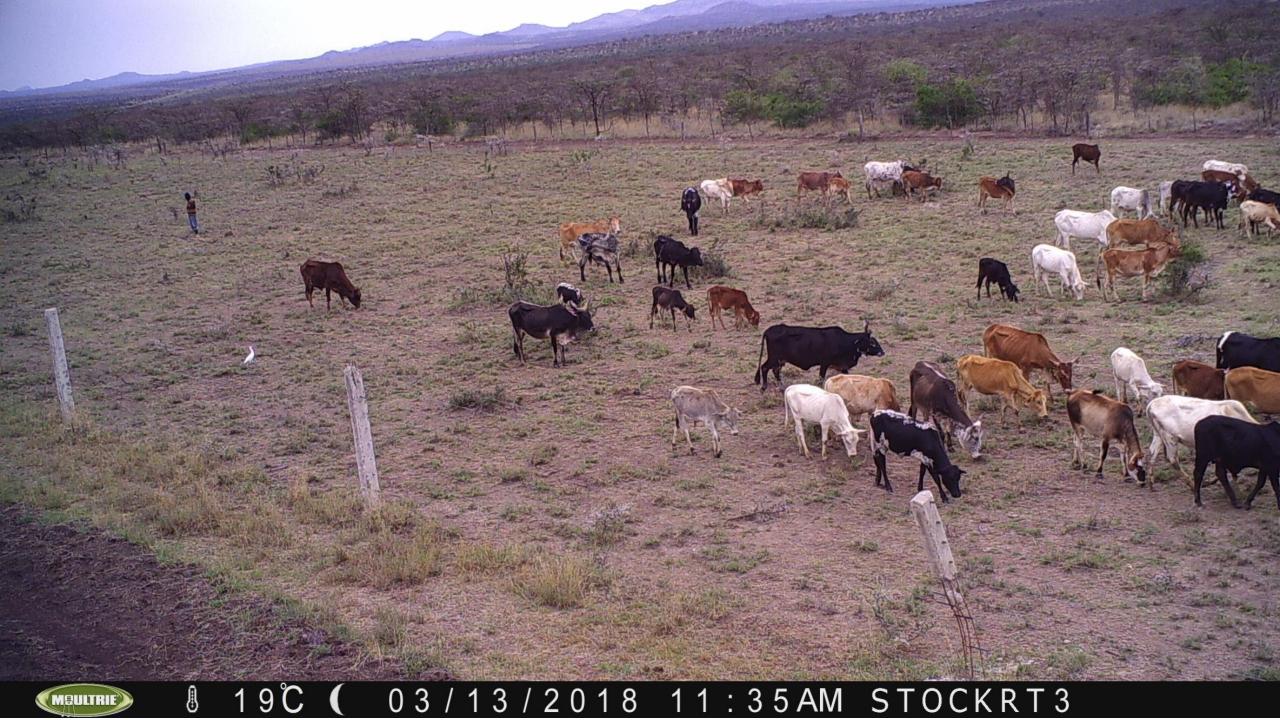








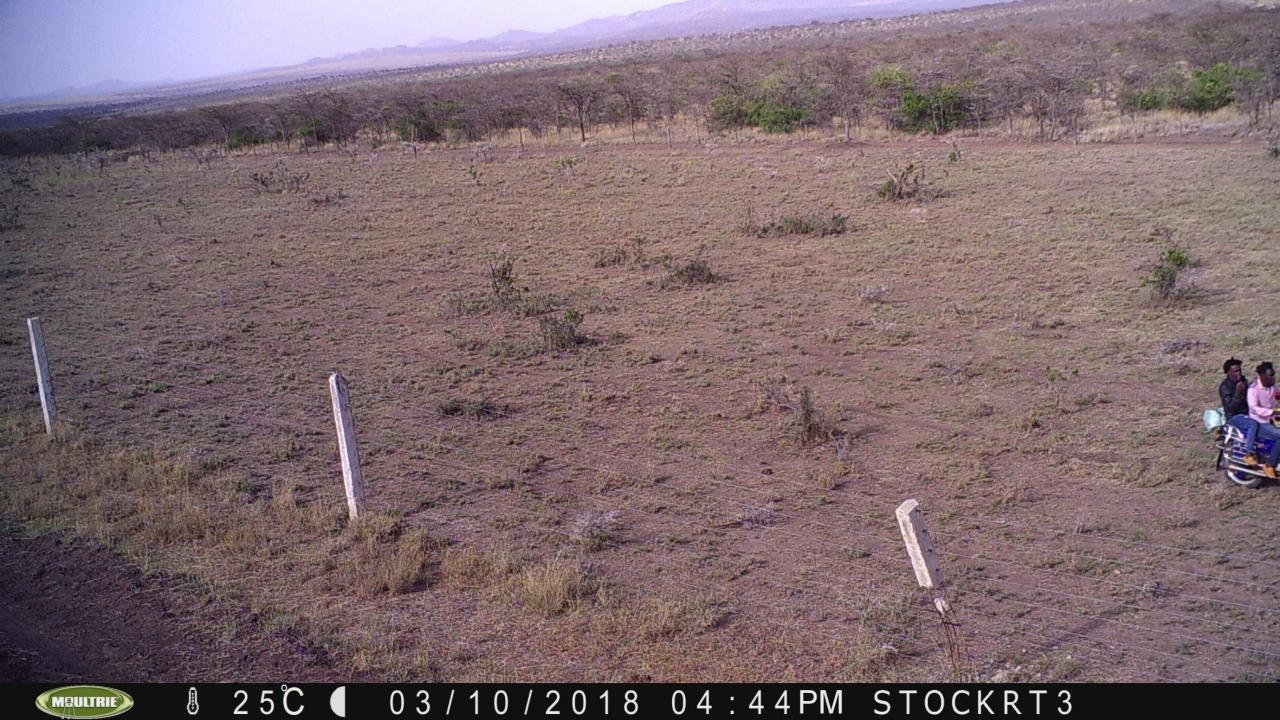












## **Emerging Issues/ Further Work**

- Public/ Community Training on NRM
- Sustainable Livelihoods as a basis of NRM
- Planning for Livestock movement
- Improved Resource Governance
- Social Impacts

#### **Contributions to the Aichi Biodiversity Target**

4

between people.

Indicator 1: Number of community people involved in planning use of rangeland resources in Laikipia
Indicator 2: Hectares of connected and accessible rangeland resources (pasture and water)

	BEFORE (2012)	AFTER (2017)
Previously all rangeland management was done only by government and large landowers		Now, Pastoralists, Water users, security officers, wildlife management officials and livestock marketing officials are involved.
<b>1</b>	i i i	
Blockng of livestock routes by landowners and developers had caused habitat fragmentation. This caused human-wildlife conflict and resource conflict		Important livestock routes identified, and being restored.  This will lead to connection of over 60,000 hectares of wildlife habitat and pastures for livestock, as well as

access to markets

#### Message to the CBD for post-2020

- •The post-2020 biodiversity targets should include the existing livelihoods of local communities.
- Communities should have representation in biodiversity management and targets.
- Communities are the stewards resource and their rights to those resources must be protected in line with UN SDGs Number 1, 2, and 3.

#### **Suggestions to IPSI for post-2020**

- ·Longer term engagement with individual projects.
- •Collaborations between projects in different continents to share lessons, and techniques.
- More resources for SDM grants

## Acknowledgements.

- Research Team: Francis Kago, John Mwaura, Martin Kahindi, Alex Plimo David Ouma.
- IPSI Secretariat
- · IGES
- Community members of Matigari,
   Munishoi, Jennings and Gatundia