

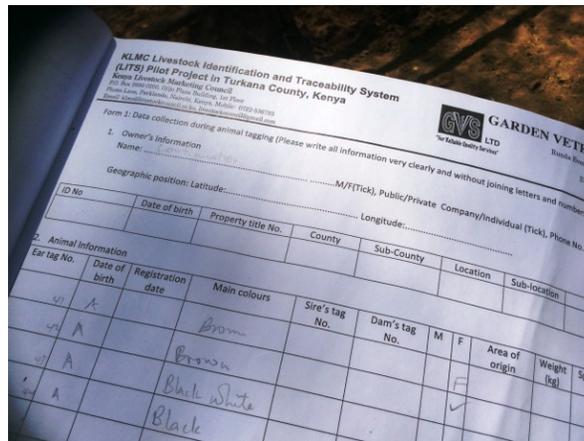
LIVESTOCK IDENTIFICATION AND TRACEABILITY MECHANISMS FOR PASTORALIST COMMUNITIES

The Problem

- Cattle-rustling negatively impacts livestock trade, and contributes significantly to poor and stagnating lifestyles in Kenya's arid regions.
- The absence of livestock identification and traceability systems compounds the problem and makes the vice a lucrative activity for perpetrators at the expense of the larger population which then cannot engage in meaningful economic activities.
- Wars and food insecurity characterize life in the region.

The Innovative Solution

Kenya Livestock and Marketing Council (KLMC) is working to address these challenges by developing a Livestock Identification and Traceability System (LITS), initially targeted for cattle. Through this innovation, KLMC will create a Turkana County database of cattle and cattle owners and tag animals with tamper-proof tags and other recognized branding methods. The user-friendly database will facilitate sorting using a variety of filters, including by animal, owner or establishment, among others. By enabling improved surveillance, this proof-of-concept innovation aims to enhance livestock production and trade, and support efforts towards containing cattle rustling in Turkana, the target county.



About the Award

Following the second open and competitive solicitation process in 2013, the Kenya Livestock Marketing Council (KLMC) was among seven proof-of-concept innovations which won a seed funding and technical assistance award from USAID through Feed the Future Kenya Innovation Engine.

Award Duration: August 2014 – November 2015

Award Amount: KES 6.7 million (\$75,112)

Technical Assistance: Improvement of financial controls and business planning

Implementation County: Turkana

County:

Targeted Value Chain: Dryland economy and livestock

About the Innovator

Abdullahi Gulleid Shuriye is a sociology, political science and public administration graduate with a passion for development. Raised in Wajir County – in Kenya's arid north-eastern region – Abdullahi has devoted his post-graduate years to implementing livestock policy and climate change mitigation programs, and development project planning in arid regions. His assignments in various projects have included helping vulnerable communities to mitigate the effects of climate change and facilitating interventions for market information.

Achievements under the Award

- Over 7,000 animals tagged during the proof-of-concept stage.
- A tagged bull under this innovation currently fetches double the price of an untagged bull; traders are offering more because they can track the ownership and medical history of the livestock.
- Helped ascertain the origin and ownership of livestock, thereby discouraging stock theft and related insecurities. This will enable sale of livestock in a predictable and trustworthy manner, thus contributing to wealth creation in the county.
- Supported disease surveillance and minimize the spread of trans-boundary animal diseases (TADs), as well as help target veterinary responses faster and with greater precision.
- Successfully tested the innovation for possible adoption in Turkana, neighboring counties and the national government.
- By proving the viability of this system, KLMC is contributing towards laying the groundwork for marginalized groups, such as women and youth, to participate effectively in the livestock industry. Cattle rustling and unscrupulous trading practices currently bar their meaningful participation.



A livestock worker displays a tag which is linked to an online identification and tracing system – the heart of the innovation

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