

Mobile-phone application with zoonotic disease information for smallholder farmers in East Africa

Project Title: P356 - Evidence that counts for zoonoses

Description of the innovation: LRI partnered with Green Dream Tech to integrate information on zoonotic diseases into iCow, a mobile phone agricultural platform operating in East Africa. Now the 600,000 subscribers (smallholder farmers) on the iCow platform can obtain information on zoonotic diseases, especially those that impair livestock production, when they place a request. iCow is designed for the most basic feature phones and is available in different languages depending on the country.

New Innovation: Yes

Stage of innovation: Stage 4: uptake by next user (USE)

Innovation type: Research and Communication Methodologies and Tools

Geographic Scope: Regional

Number of individual improved lines/varieties: <Not Applicable>

Region:

- Eastern Africa

Outcome Impact Case Report: <Not Defined>

Description of Stage reached: This partnership commenced in April 2017. Between then and November 2019, a total of 178,000 sms texts have been received by 12,643 smallholder farmers, primarily in Kenya. The most requested information has been on anthrax, brucellosis, Rift Valley fever, foot and mouth disease and leptospirosis.

Name of lead organization/entity to take innovation to this stage: ILRI - International Livestock Research Institute

Names of top five contributing organizations/entities to this stage:

- GDT - Green Dream TECH Ltd

Milestones: No milestones associated

Sub-IDs:

- 46 - Increased capacity for innovation in partner development organizations and in poor and vulnerable communities
- 20 - Reduced livestock and fish disease risks associated with intensification and climate change

Contributing Centers/PPA partners:

- ILRI - International Livestock Research Institute

Evidence link:

Deliverables associated: <Not Defined>

Contributing CRPs/Platforms:

- A4NH - Agriculture for Nutrition and Health