ECODING The Data Ecosystem Big Data in Agriculture **CONVENTION**

CGIAR

3-5 OCTOBER. NAIROBI, KENYA

Democratizing data and transforming service provision in the **pastoralist drylands**:

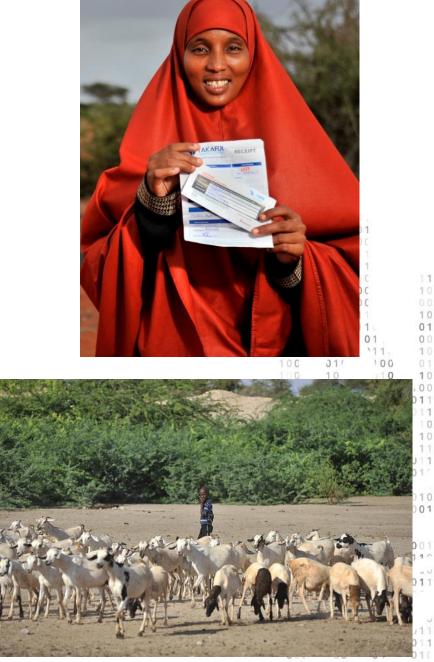
THE mFACTOR

Andrew Mude International Livestock Research Institute

WHAT YOU NEED TO KNOW ABOUT INDEX BASED LIVESTOCK INSURANCE



Supporting Livestock Farming as a Sustainable Source of Income



 Big Data in Agriculture CONVENTION

 3-5 OCTOBER. NAIROBI, KENYA
 2018

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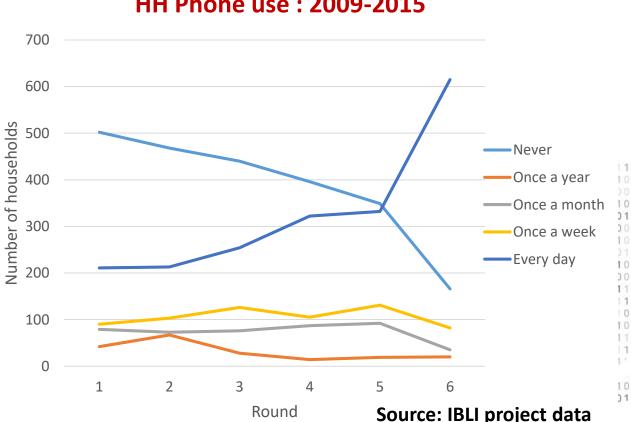




Mobile Phones as Data Provisioning Tools ٠

- **Crowd Sourcing for Rangeland Conditions**
- Livestock Market Information Systems ۰
- ...and more ٠
- Mobile Phones as a Training and **Performance Assessment Tool**
 - mLearning and Gamification •
 - Tracking impact of training on sales ۲
- Mobile Phones as a Service Delivery Tool ullet
 - **Delivering Sales**
 - **Delivering Premiums** ۲
 - **Delivering Information** •





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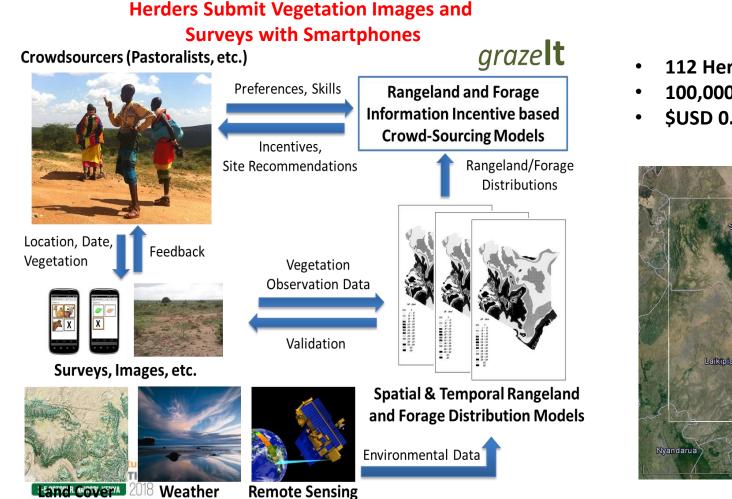
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Mobile Phones as a Data Provisioning Tools

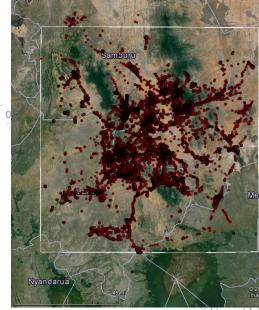
Crowdsourcing Rangeland Conditions



Data Collection

- 112 Herders, 5 months time
- 100,000+ submissions with geo-tagged pictures!
- \$USD 0.10-.50 per image. 8 images a day on average





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Advertisement

Animal Data Safari

Big Data Convention 2018

October 4th, 14:30 - 18:00

Booth:

KAZNET: Micro-tasking livestock market information

Flashtalks:

Nathan Jensen: Crowdsourcing information in the drylands

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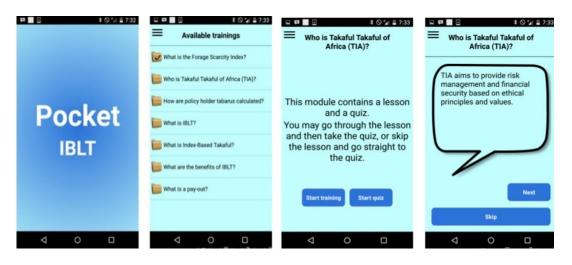
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Mobile Phones as a Training and Performance Assessment Tool





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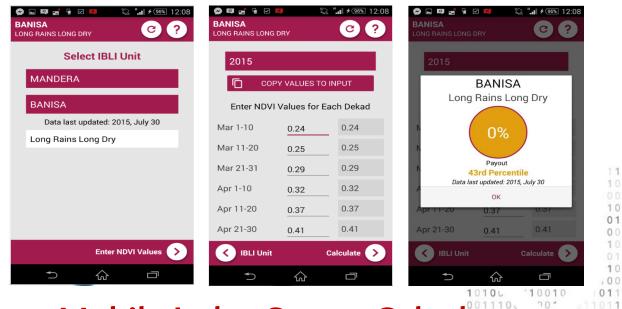
Mobile Phones as a Service Delivery tool

Mobile Sales Transactions Platform

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Client Registration Information National ID / Refugee ID:	Registration of Animals to be Insured Please enter the number of livestock being insured for each animal type	Congratulations!
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Last Name: A back next >	♦ back next ►	information has been sent
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CONVENTION

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Mobile Index Status Calculator

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Thank you!



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