Beyond the Census of Things

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@CGIAR_Data
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Digital Agriculture Models
Avaaj Otalo (India)

- Interactive voice response-based advisory services
- 5% more likely to use recommended inputs than comparison group
- Average 28% higher yields over comparison group
- Average $10 return for each $1 invested in subscription
MyAgro (Mali)

- Mobile scratch-card based layaway for inputs
- Delivery of genuine inputs and bundled advisory services
- Average yield gains 50% - 100%
- Average income increased $150 - $300
CIAT ‘Site-Specific Agriculture’ (Colombia)

• Analyzed over 4,000 crop events to understand declining rice yields
• Recommended shift in planting time or new variety
• 1-3 tons/hectare yield difference between intervention and comparison fields
The mobile revolution

Sensor technologies

Computational power analytics capacity

Public good data
Use Case: “TERROIRVIEW”

https://coastalvit.com/Terroirview.php
Use Case: Sustainable Intensification
Beyond the Census of Things
DOI: 10.1126/science.aac4420
Ebu semeni mahindi yangu yote kufunikwa ma maji.........aki feeling disappointed

I thank God zinatoka Sasa... Ripping what u saw is now accomplished!
*With thanks to Farm.ink*
natoka Sasa... Ripping what u saw is now accomplished!
Thank you!

bigdata.cgiar.org