2012 International Open Government Data Conference



Crowdsourced Price Data Collection Using Mobile Phones

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Organized by the World Bank and Data.gov

Outline



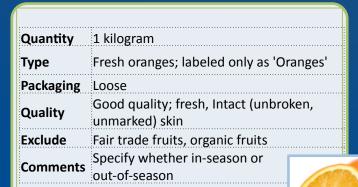
- Project Objective and Design
- Geographical Penetration
- Technology
- Data Analysis and Quality Assessment
- Benefits and Challenges
- ■Steps Ahead

Project Objectives and Design

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Pilot crowdsourced data collection for international comparison purposes and food price monitoring

Objective



Design

 Develop 	a mobile	web micro-site)
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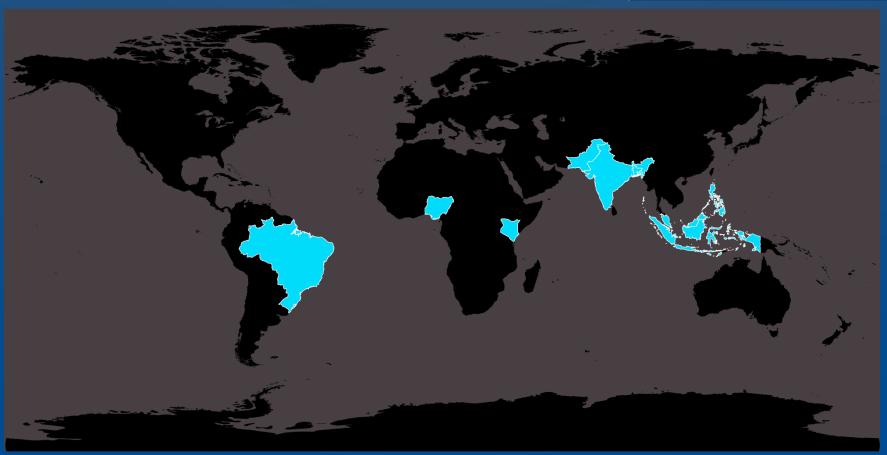
- Recruit non-professional price collectors for each country
- Collect price data and related metadata for 30 tightly specified food commodity products over 8 months
- Verify and validate collected data





Geographical Penetration- Pilot





Geographical Penetration

- Looking forward

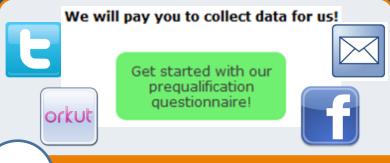




Leading Technology Innovation 0

Reach a crowd... 2.1 billion people

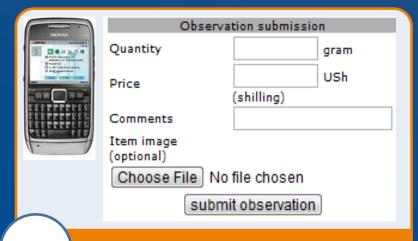




Recruitment

1

3



Price Collection

S x.txteagle.com/fpm/train/11/ Food Price Monitoring A project about crowdsourced data collection through mobile phones Total paid out so far: US\$137870.00 What counts as a supermarket? → A supermarket, also called a grocery store, is a self-service variety of food and household merchandise, organized into ai:

Training and Building Engagement 2

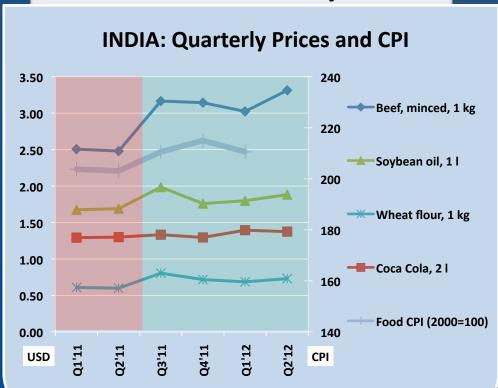


...building a "closed loop" that rewards good data and selects against bad

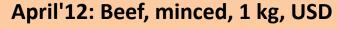
Data Analysis and Quality Assessment



Within country



Across countries





Benefits and Challenges



- Cost efficient
- Timeliness
- Ensured price comparability across the countries
- Potentially high product and geographical coverage
- Open data

BENEFITS

- Political and legal concerns in certain countries
- Cultural and language barriers in recruiting
- Data verification and validation
- Incentive level in high and middle income countries

CHALLENGES



Steps Ahead



- ☐ Enlarging the project coverage: countries and commodity products
- Scaling up technology and data processes
- Further innovation in challenging markets
- Securing additional funding to support scaling up and further innovation



THANK YOU

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