



# Regional Workshop on the Production of Statistics on Asset Ownership from a Gender Perspective through Household Surveys

EDGE Pilot Surveys in Asia and the Pacific

R-CDTA 8243: Statistical Capacity Development for Social Inclusion and Gender Equality

## **ADB Pilot Surveys**

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# Outline of Presentation

- Overview of ADB's R-CDTA 8243
  - Project Progress
- Background in Survey Methodology
- Survey Design and Implementation
- Survey Data Processing
- Key Challenges
- Lessons Learned and Way Forward



# R-CDTA 8243 Overview

## Key Objectives

- Contribute to the development of standard methods under global **EDGE initiative**.
- Implement pilot surveys in select countries using methodological guidelines developed under EDGE initiative.
- Assist countries in adapting the methodology for conducting pilot surveys.
- Methodological research and documentation of pilot surveys experience and results to inform EDGE guidelines.



# R-CDTA 8243 Overview *(cont'd)*

## Component 1: Sex-disaggregated data on asset ownership and entrepreneurship

- ADB is the Executing Agency
- Implementation in collaboration with the global EDGE Project led by UNSD
- ADB is member of EDGE Steering Committee
- Participating countries – **Georgia, Mongolia, and the Philippines**



# R-CDTA 8243 Overview (*cont'd*)

## Component 1: Sex-disaggregated data on asset ownership and entrepreneurship

### ➤ **Criteria for selecting pilot countries:**

- adequate statistical capacity to implement pilot surveys and maximize, replicate, and sustain the benefits from the project;
- Commitment to undertake pilot surveys either as a standalone survey or by attaching additional module to an existing planned survey;



# R-CDTA 8243 Overview (*cont'd*)

➤ Country-driven and country-led with technical support from ADB and UNSD.

## **Country Survey Team composition:**

- Team leader
- Sampling expert
- Data processing expert
- Field survey management expert
- Gender statistics expert



# Project Progress since Inception

- ▶ **Inception Meeting** (July 2013)
- ▶ **Technical Meeting** (August 2013)
- ▶ **Technical Review Meeting** (December 2013)
- ▶ **ADB-UNSD Joint Country Missions** (October – November 2014)
- ▶ **Technical Meeting with National Statisticians** (December 2014)

- ▶ **Pre-Survey Phase**
  - ↻ customization process,
  - ↻ pretesting of questionnaires,
  - ↻ conduct of training of trainers, supervisors, and enumerators;
  - ↻ conduct of in-country technical training/workshops; and
  - ↻ finalization of survey instruments.

- ▶ **Post-Survey Phase**
  - ↻ data processing,
  - ↻ data validation and preliminary tabulations,
  - ↻ conduct of country workshop on data validation, generation of sampling weights, and tabulations;
  - ↻ data analysis and report writing;
  - ↻ data dissemination

1

Jul. 2013 –  
Dec. 2014

2

Apr. 2015

3

Mar. –  
Sep. 2015

4

Sep. –  
Nov. 2015

5

Dec. 2015– Present

## Regional Technical Workshop

- ↻ Discussed tentative sampling design. reviewed the draft methodology,
- ↻ customized questionnaire to country context, and
- ↻ finalized country field operations and implementation plans,

## Survey Phase – Conduct of Pilot Survey

- ↻ Georgia (30 September – 20 October 2015)
- ↻ Mongolia (18 September – 15 November 2015)
- ↻ Philippines (15 September to 10 October 2015)
- ↻ Data entry, data cleaning, data processing and tabulations of over 100 tables
- ↻ Providing inputs to UNSD's EDGE team for preparation of Methodological guidelines



# Background in Survey Methodology

- Drawn from Uganda survey experience:
  - Employs treatment arm 4 (TA4) : adult (18+) interviewed alone and simultaneously, asked on assets owned exclusively or jointly by any household member.
  - TA4's effects were larger when the sample includes the principal couple (higher incidence of women's ownership of assets).





# Survey Design and Implementation

## Survey Instrument

- The UNSD EDGE questionnaires were **reviewed and accordingly modified by ADB** to suit the specific country settings.
- **Contextualization of questionnaires** – undertaken by country teams including technical translations and writing of country instruction manual based on EDGE questionnaires adapted.
- **Pre-testing and revising questionnaires** – undertaken by country teams with support from ADB.
- **Regional training workshops/ ADB-UNSD joint country missions**— technical review/discussion on survey instruments, survey methodology guidelines, and country implementation plans.



# Survey Design and Implementation *(cont'd)*

## Survey instruments and Assets coverage

Module	Respondent
<b>(2) Household questionnaire</b>	<ul style="list-style-type: none"><li>• Primary Respondent</li><li>• Primary Respondent, Spouse/partner of PR, third randomly selected household member</li></ul>
<b>Individual questionnaire</b>	
(3) Dwelling	
(4) Agricultural Land	
(5) Livestock	
(6) Agricultural Equipment (Small and Large)	
(7) Non-agricultural enterprises	
(8) Other real estate	
(9) Consumer Durables	
(10) Financial assets and (11) Liabilities	
(12) Valuables	



# Survey Design and Implementation *(cont'd)*

## Sampling Design Development

- **Country missions from ADB and UNSD teams and ADB's sampling expert**—adapting sampling design to country context and costs available with technical advice/guidance from ADB.
- **Survey weights calculation** (i.e., methodology of calculating sample weights and incorporating them in analysis files).
- **Sampling design** – A two-stage stratified sampling design was adopted for Georgia and Cavite, Philippines while three stage selection process for Mongolia.

Participating country	Coverage	Sample Size <i>(households)</i>
Georgia	Nationally representative	3,160
Mongolia	Nationally representative	3,008
Philippines	Province of Cavite only	1,536



# Survey Design and Implementation *(cont'd)*

## Training Requirements

- **Training of trainers** – with support from ADB and UNSD.
- **Training of enumerators and supervisors** – by country teams.
- **Length/Duration:** 4-5 days; 5-8 hours/day depending on the number of trainees and workload.
- **Training methodology:** (i) lectures/classroom discussions, (ii) written exercises/quizzes, (iii) mock interviews, (iv) field practice interviews, and (v) post field practice discussion.



# Survey Design and Implementation *(cont'd)*

**Dates of data collection: 2015 (concluded)**



## Data Collection Strategy

- Face-to-face paper based interviews
- Respondent selection protocol - administered to at most 3 adult (18+) members of the household
  1. Primary Respondent (PR)
  2. Spouse/partner (if available) together defined as the Principal couple
  3. Third adult randomly selected if there are more than 3 adults in a household

Respondents were interviewed simultaneously and independently.



# Survey Design and Implementation *(cont'd)*

## Data Collection Strategy

- Team approach – each team comprising 2 to 5 members (enumerator/supervisor)
- **Intra-country technical trainings and ADB missions** – provide guidance to pilot countries during field enumeration.



# Survey Data Processing

## Data Cleaning and Validation

- A detailed list of **data validation checks** were provided to NSOs and accordingly revised per country questionnaire,
- **data harmonization** – consistent variable names across countries, thus, improving efficiency in terms of data cleaning and analysis;
- **data cleaning codes per module using Stata** – errors were generated per module and were sent to NSOs for their review and action. Cleaned datasets were then provided after each round of data validation and comparison.

➤ NSOs simultaneously undertook independent data cleaning operations and these were compared with ADBs validation results



# Survey Data Processing (*cont'd*)

## Generation of Statistical Tables

- **Survey weights calculation** – development of two types of sampling weights (assigned by any respondent (household level) vs. self assigned ownership (individual level))
- **Post stratification** – adjusting household and individual weights to correct for estimated population and sex ratio
- 36 quantitative assessment tables, 90 indicators tables based on the template provided by UNSD, and 39 country report tables have been generated both by ADB and NSOs;
- **Matching exercise/ parallel tabulations** – seeks to determine and reconcile any discrepancies between values generated by ADB and NSOs;





# Documentation and Knowledge Production

- **Preparation of the draft country reports and integrated report** – undertaken by countries with technical support from ADB.
- **Conduct of Writeshop on EDGE Country Reports** – facilitate review and finalization of country reports.
- **Conduct of regional data dissemination workshop** – discuss pilot survey results of three countries.



# Documentation and Knowledge Production *(cont'd)*

## Outputs related to EDGE

- **ADB-EDGE Brochure** – preliminary results as of March 2017, given to participants of the regional data dissemination workshop.



- **Key Indicators for Asia and the Pacific 2017 (KI 2017) data chapter on EDGE** published September 2017.



# Documentation and Knowledge Production *(cont'd)*

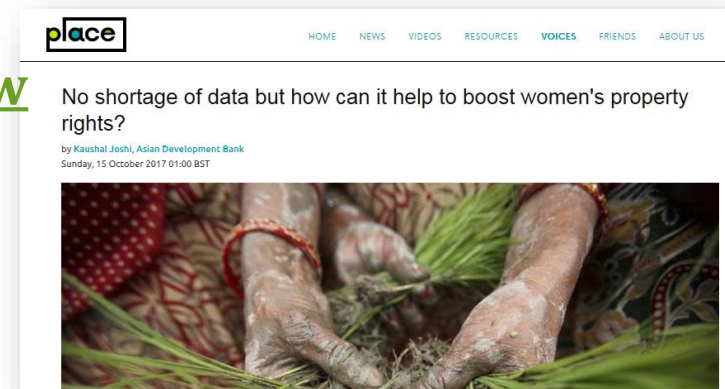
## Outputs related to EDGE



Online Article **“The Power of Data for Women and Girls”** published 2 October 2017.



Op-Ed article **“No shortage of data but how can it help to boost women's property rights?”** published 15 October 2017.



ADB Blog **“Filling the gender gap on asset ownership data”** published 27 October 2017.



# Key Challenges on Implementation

- New concepts- e.g. Enumerators were confused on the concepts of the 'primary respondent', 'principal couple', and had to be taken care during the training.
- Differences in reported vs documented ownership.
- Conducting interviews separately and independently found to be challenging.
- Respondents were reluctant or had difficulty estimating the value of all types of assets.
- Respondents were also confused with hypothetical questions especially on selling and bequeathing of assets to ascertain value of assets.



# Key Challenges on Implementation *(cont'd)*

- Assigning of ownership of some assets (i.e., consumer durables, small agricultural equipment) to specific individuals (when considered owned by all household members).
- Reporting of hidden assets was very small/negligible except for financial assets.
- Tackling individual non-response bias at the time of data processing.



# Lessons Learned and Way Forward

- **Country teams direct and active involvement** played a pivotal role in achieving the objectives of the project.
- Support and ownership for the project from NSO leadership - **Chief Statistician.**
- **Strong partnership among agencies involved** is essential for successful implementation - **UNSD, ADB and NSOs .**
- **Rigorous training** at all levels - special emphasis should be given on **new concepts** (i.e., primary respondent, principal couple, etc) to ensure uniform understanding of concepts.
- **Survey manual should contain more examples** which may be encountered during the actual field operation.
- New challenges for survey design that is focused on individual males and females as respondents and implications of non-response bias.



# Lessons Learned and Way Forward

- The methodological and operational experience through the three pilot surveys under ADB's project provided a solid basis for finalizing the UN Methodological Guidelines on the Production of Statistics on Asset Ownership from a Gender Perspective.
- The EDGE pilot surveys in Georgia, Mongolia, and the Philippines conducted by national statistics offices have demonstrated that with the availability of standardized methods and guidelines collecting individual-level asset data is feasible.





# Thank you.

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