

Outline

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Opportunities in the Region

...a regional survey indicated that only **29 out of 45 ADB DMEs** had functioning SBRs of which only **18** had what could be described as **comprehensive SBRs...**

Need for:

- Dedicated and formal SBR processes in the participating countries
- Discussions between NSOs and line ministries to encourage data sharing for SBR purposes
- Network of SBR experts in the region



Requirements for an SBR System

Problem	Requirement
No existing operational SBR process	A system that enforces a standardized process for importing new and updated data, imputing best practices
Need for more consistent and comprehensive methods to meet baseline data quality standards	Enforces standard data validation rules on each variable.



Requirements for an SBR System

Problem	Requirement
Data source formats are not suited for collaboration	Allow delegation to multiple encoders or data specialists assigned to a sector or administrative location
When editing master datasets, changes are opaque and cannot be managed on a per-record basis	Allow a system of supervisor approval and visibility of individual data points that were changed
Need to see establishment survival over different collection periods	Use of a system-generated ID and basic matching algorithms to link records over different collection periods and have time-series view



Opportunities in the Region

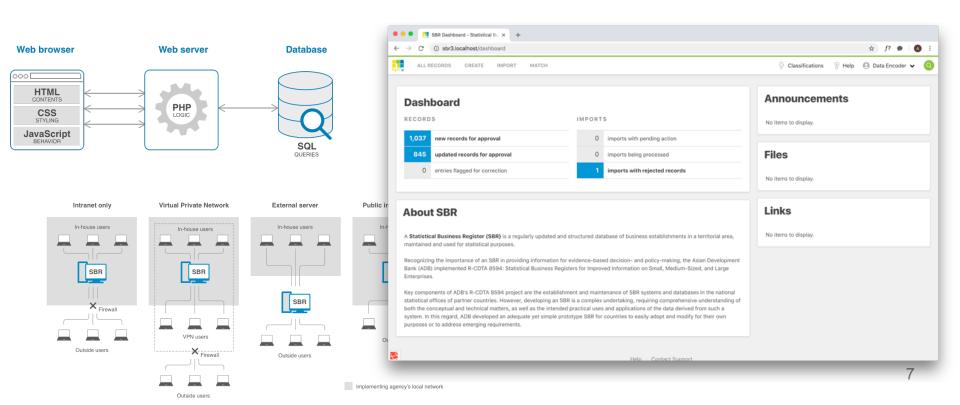
Participating NSOs from:
 Bhutan, Cambodia, Lao People's Democratic Republic (Lao PDR), Myanmar, Malaysia, Sri Lanka

Partner organizations:
 UNSD and UNESCAP, Islamic Development Bank,
 CAREC and CAREC Institute, various NSOs and other
 orgs



Development of an SBR System

- Generic SBR System that will be deployed separately and customized for each NSO
- Owned, operated, and maintained by each NSO



Capacity Building Workshops and In-Country Training



Milestones

2014

- Inception workshop on the TA project
- In-country meetings and consultation

2015

- Requirements gathering for system development
- Training on the first ADB SBR prototype

2016 – 2017

- Iterative system development
- Regional technical training workshops
- In-country deployments and start of data preparation

2018

Formal launch of the ADB SBR Systems across participating countries

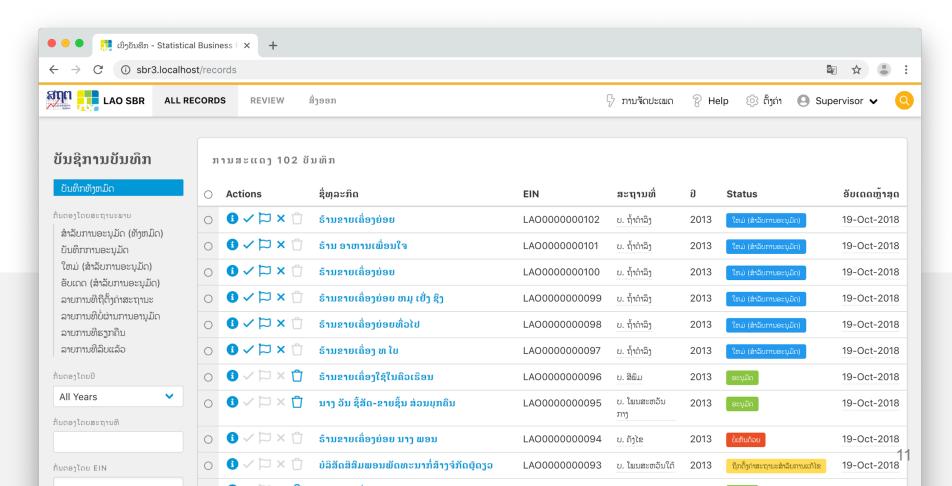


Key Features of the System

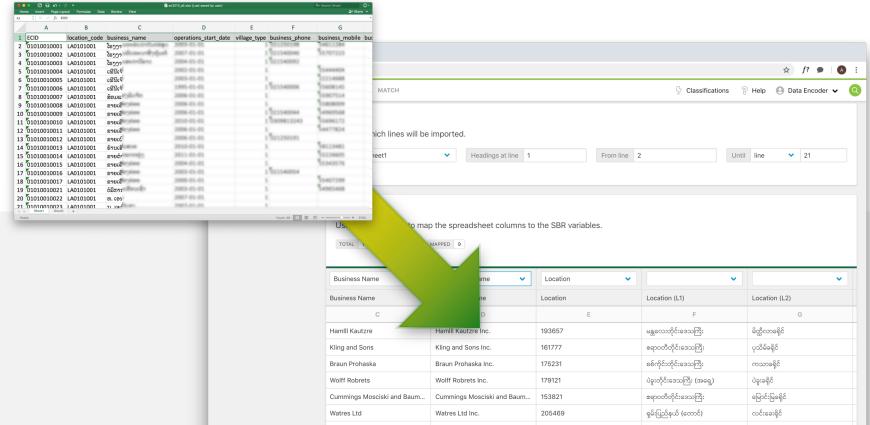
- Web-based system with a user-friendly interface
- Standardized process for data imports and updates with data validation
- Importing from spreadsheets without the need for a fixed template
- Assigned unique ID and basic matching to allow linking records across collection periods
- Country-specific variables and classifications
- Interface translations, support for local data in Unicode, and other customizations



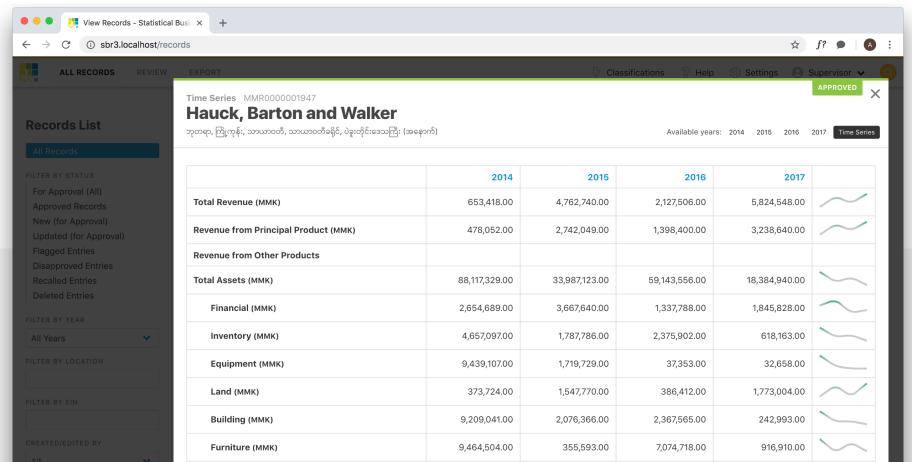
 Implemented as a web-based system to improve collaboration, task control, and delegation. With a user-friendly interface, reducing learning curve and technical skill requirements for its end-users.



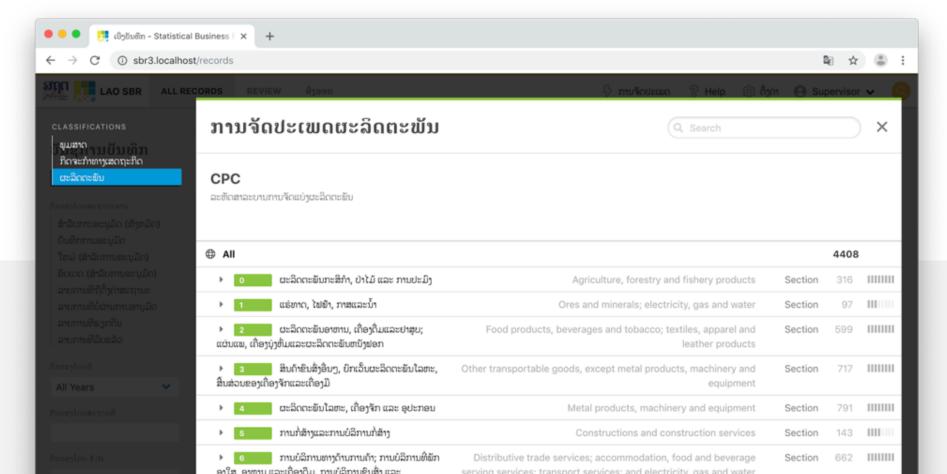
- Enforces a standardized process for data imports and updates, including variable-specific data validation rules
- Importing from spreadsheets by mapping columns to variables, without the need for a fixed template

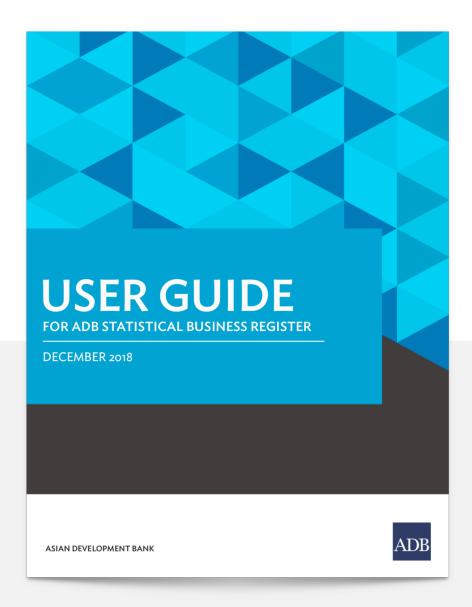


 Assigned unique ID and basic matching to allow linking records across collection periods, including time series views per establishment



- Country-specific variables and classifications
- Interface translations, support for local data in Unicode including
 RTL (right-to-left) support, and other country-specific customizations





The user guide provides step-bystep instructions on how to set up, use, and maintain the SBR system. It also outlines the key technical considerations that guided ADB's development of the software.

Available on ADB Publications site.

What's Next

- Initial discussions with Central Asian countries in 1H 2019:
 - Republic of Uzbekistan
 - Republic of Tajikistan
 - Kyrgyz Republic
- Shift from predominantly census-based snapshot registers to a live register streaming data from administrative databases
- Forms part of broader statistical capacity building activities under the current technical assistance projects entitled Data for Development





