Regional Course on Statistical Business Registers: Making a Business Case for an Operational Statistical Business Register

WHAT IS STATISTICAL BUSINESS REGISTER?

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MALAYSIA STATISTICAL TRAINING INSTITUTE

DEPARTMENT OF STATISTICS MALAYSIA

Introduction

- The Business Register is a structured list of establishments operating in Malaysia. It forms the basis of selection for statistical inquiries and for the calculation of estimates of attributes for the business population.

- **MALAYSIA STATISTICAL BUSINESS REGISTER (MSBR)** contains large and small business units, local kind-of-activity units as well as enterprise groups and central and local government bodies.

- Basic pillar in the system of Economic Statistics which facilitate the collection, interpretation and dissemination.

- Establishments are organized by industry and assigned an activity code based on the **MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION (MSIC)**. The industry classifications in the register are based on MSIC 2008 version 1.0 which is comparable to ISIC 4 of the United Nations.

Introduction

The Business Register exists primarily for the purpose of supplying a framework for all economic surveys. It is designed to :

Serve as a frame for the selection of establishment surveys

For the detection and construction statistical units

Serve as a data source for compiling demographic information about businesses.

As a tool for mobilisation of administrative data

MALAYSIA STATISTICAL BUSINESS REGISTER

DOSM has developed an integrated and online system to streamline the business process model in BR as well as to replace the numerous non-integrated systems namely New Enterprise Wide Statistical System (NEWSS).

National Enterprise-Wide Statistical Systems

| ISSF | Business Intelligence | GIS | Penilaian | Pengurusan Dokumen |
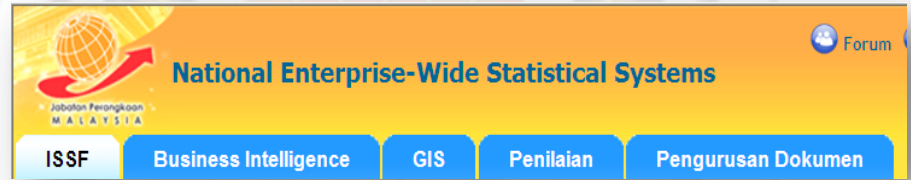
2010 Onward ← Enterprise Establishment (EE Frame) National Enterprise Wide Statistical System (NEWSS)

2002 ← CRS upgraded with Wide Area Network (WAN)

1996 ← CRS upgraded with Local Area Network (LAN)

1994 ← The CRS was set in a PC based using Dbase IV

1988 ← Central Register System (CRS) was initiateds

Conceptual Framework
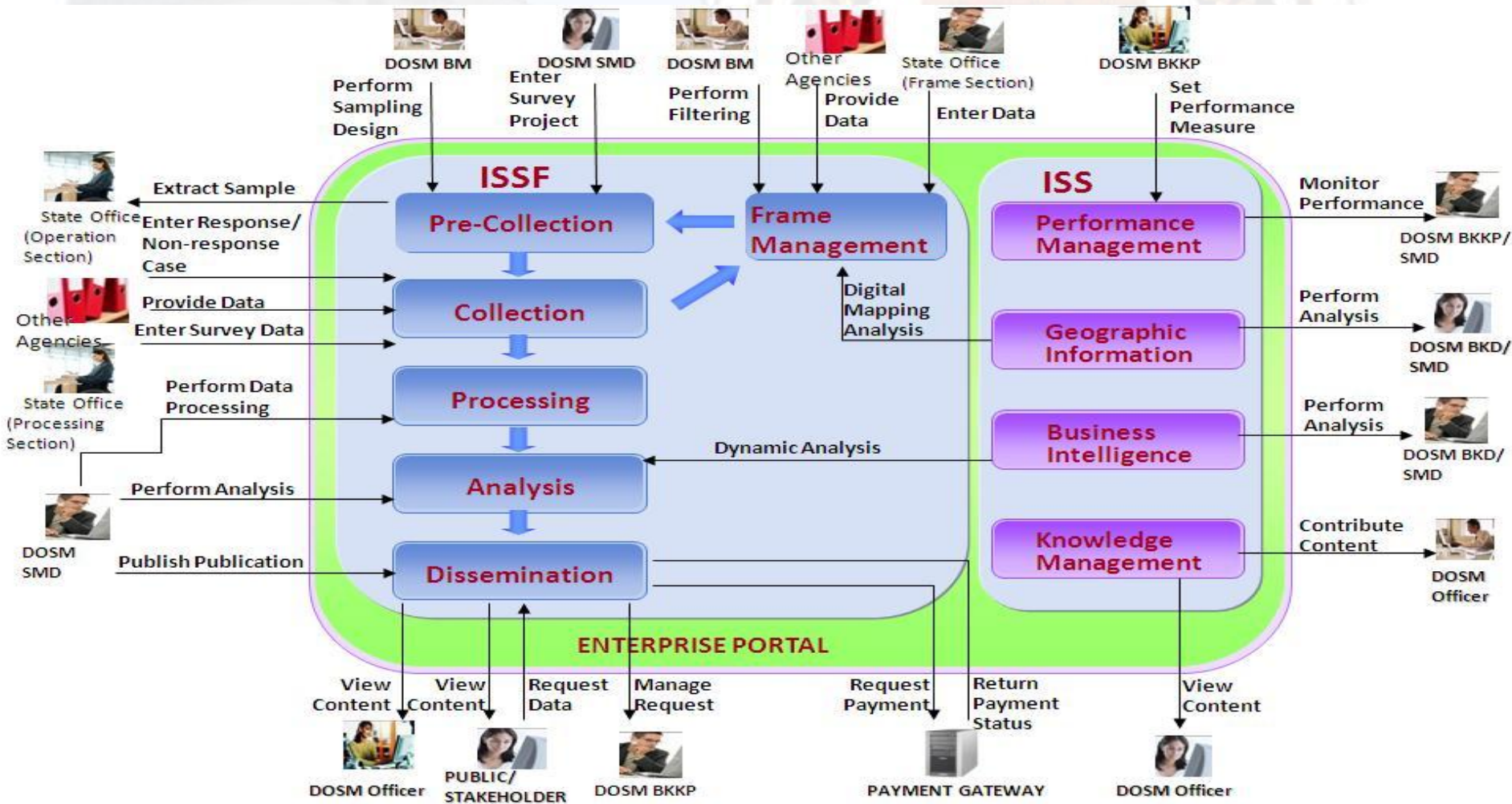
- **Foundation are driven by System of National Account**
- **Inline with Generic Statistics Business Process Model (GSBPM)**
- **Designed under Integrated Statistical Systems Framework (ISSF)**

Integration with the Collection System

- In the NEWSS platform the BR is integrated with the collection through Operational Control Information (MKO) module.

- The first benefit is the accessibility to most recent information in BR by the enumerators.

- increased the efficiency and timeliness of the updates.

Strengthening The Business Process Model

Generic Statistical Business Process Model (GSBPM)

| DOSM has taken step to strengthen the processes and quality assurance | BR maintenance is continuous activity | To ensure the BR is comprehensive, accurate, reliable and timely |

SOURCES **COLLECTION PROCESS** **OUTPUT** **IMPROVE THE QUALITY OF THE REGISTER**

Quality Management / Metadata Management

| 1 Specify Needs | 2 Design | 3 Build | 4 Collect | 5 Process | 6 Analyse | 7 Disseminate | 8 Archive | 9 Evaluate |

To ensure the sources are relevant to the user requirement and aligned with the changes in Malaysia business landscape

These will involve identifying the units and running the collection process according to suitable formats which can be integrated with the register.

It will prepare the output to be validated and made ready for the release.

Finally the evaluation phase will provide the information to improve the quality of the register.

The benefit applying the GSPBM is the standardisation of terminology between processes and organisations

Kind of data in MSBR are as follows

- Unique ID number that serves as the primary identifiers;
- Company/establishment ID number created by source of agencies;
- Contact Information such as business name, postal and location address and others;
- Activity and industry classifications;
- Legal status and equity structure;
- Basic financial information such as revenue, expenditure, salary, number of person engage and others;
- Company and establishment organisation structure; and
- Census/survey control status indicators.

General Maintenance Procedures

- Conducting verification
- Identifying business prospects (potential establishments for inclusion on the MSBR)
- Updating records from survey feedback
- Assigning of classification codes
- Taking and storing snapshots
- Cross-checking data from sources against the existing MSBR

System Maintenance : Updating Records

- Adding births and removing deaths
- Updating contact information
- Updating other business demography
- Updating employment details
- Updating classification codes
- Updating links between economic units
- Removing duplicates

Data Sources of The MSBR

Start

MSBR

Received from OGAs/Fieldwork

Not Sample Selected

Sample Selected

Reviewed Information in Establishment/Enterprise frame

Existing in frame? — No

Yes

Updating information

Need screening? — No

Yes

Send screening form

Respond — No → Send reminder (if necessary)

Yes

Respond — Yes → Complete information screening

Respond — No → Field work/Reviewed from other resources

New case — No → Updating in Establishment/Enterprise profile (if necessary)

Yes

Register into the system

End
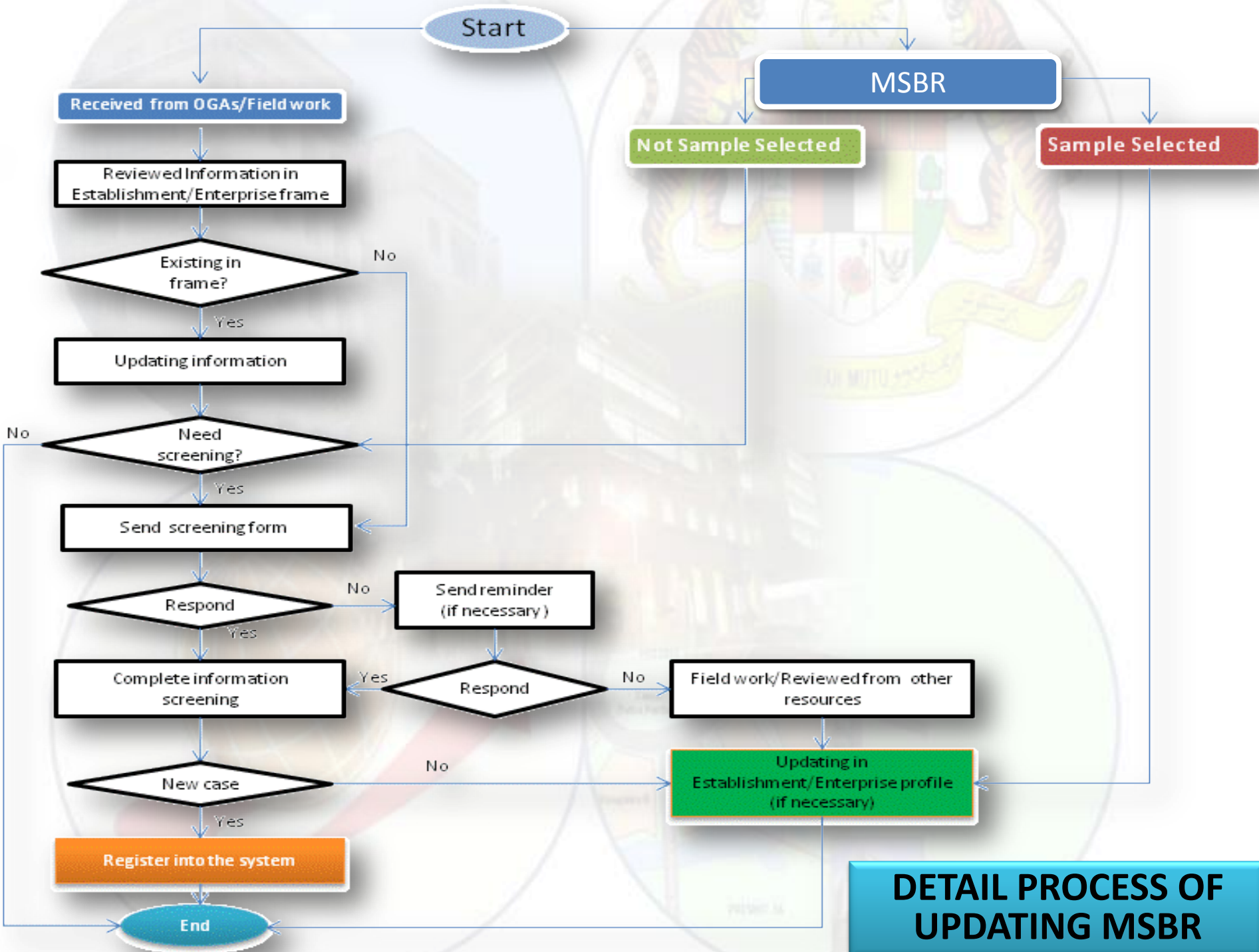
DETAIL PROCESS OF UPDATING MSBR

MSBR: System Interface

Kind of Data

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- Company/establishment ID number
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- expenditure, salary, number of person engage and others;
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14

List of Establishments

New Establishments

Operational Control Information Module

MSBR : Statistics

Establishments	• 946,980
Enterprise	• 944,210
Enterprise Group	• 1,327

Sectors	Total Estb.
Agriculture	14,950
Mining and Quarrying	940
Construction	64,646
Manufacturing	50,382
Environment	1,032
Electricity and Gas	337
Services	814,693
Grand Total	946,980

Keeping The EE Frame Up To Date

Perfect frame

- A perfect frame should reflect the real business world in term of structures; classifications; linkages; data contents; availability status and contact information

Applying GSBPM

- Balance the need for accuracy, timeliness and stability of the registered data
- Minimise the effects on time series of shocks arising from the updating process

Operational Control Information Module

- These assist the field enumerators at state offices to access and provide survey feedback in real time which it improves the timeliness and the efficiency of the updates.

Integrated Listing Module (InLis) through Household Module

- To accommodate the listing process for establishment/enterprises using maps beside the normal exercise for household