



STATISTICS INDONESIA

The Agent of  
Trustworthy  
Statistical Data  
for All

# STATISTICAL DEVELOPMENT AND REFORM IN INDONESIA

*experiences, gaps and challenges, and strategies for  
strengthening national statistical capacity*





## What are we discussing about

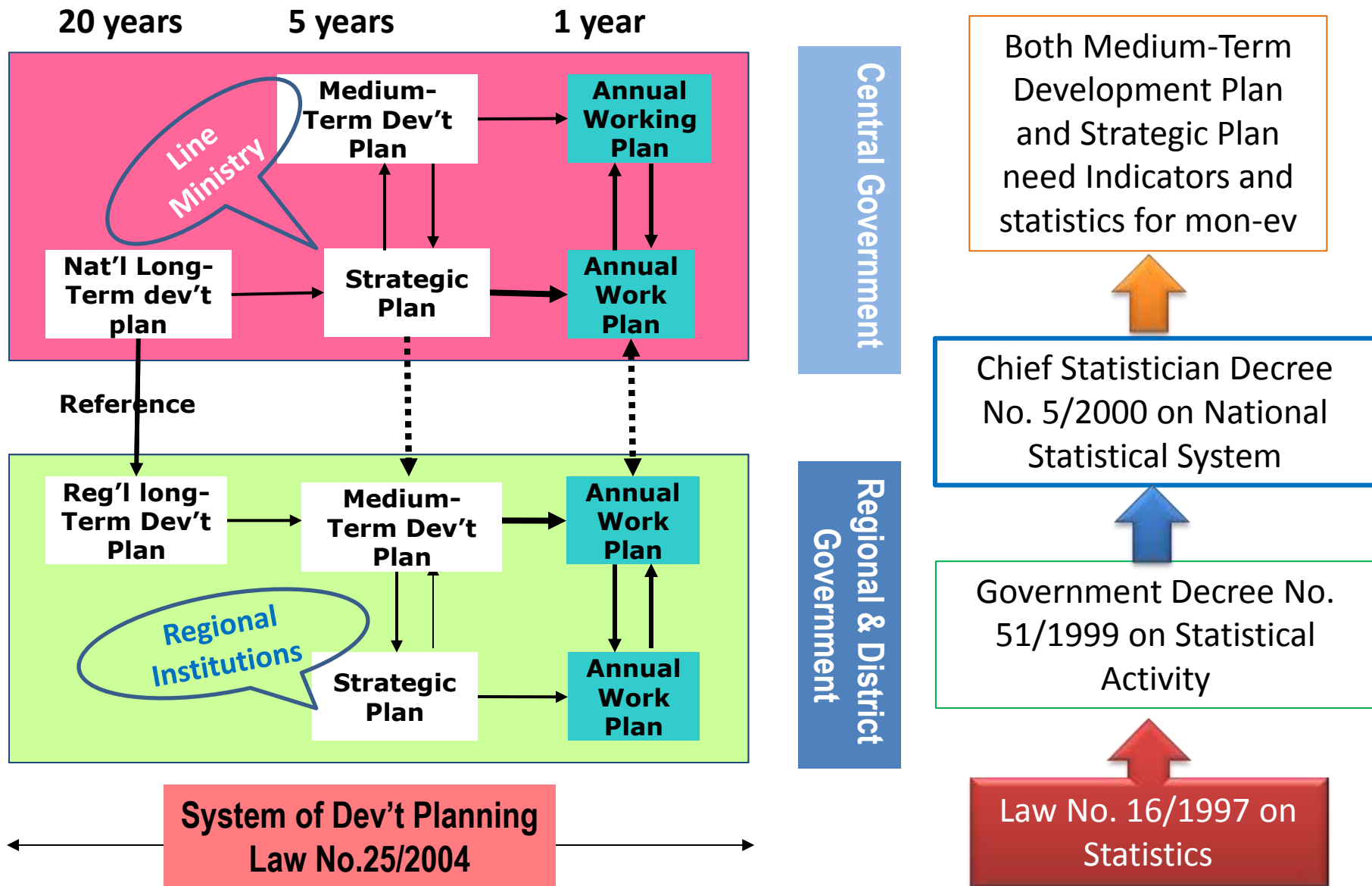


Lesson learnt from Monitoring and Evaluation

Statistical Challenges: Decentralized Government affecting data provision

Reform for Development of Statistical

Way Forward: Collaboration and Innovation





# NATIONAL ANNUAL DEVELOPMENT INDICATORS

- ECONOMIC GROWTH
- INFLATION
- POVERTY INCIDENCE
- OPEN UNEMPLOYMENT
- GINI RATIO
- HUMAN DEVELOPMENT INDEX

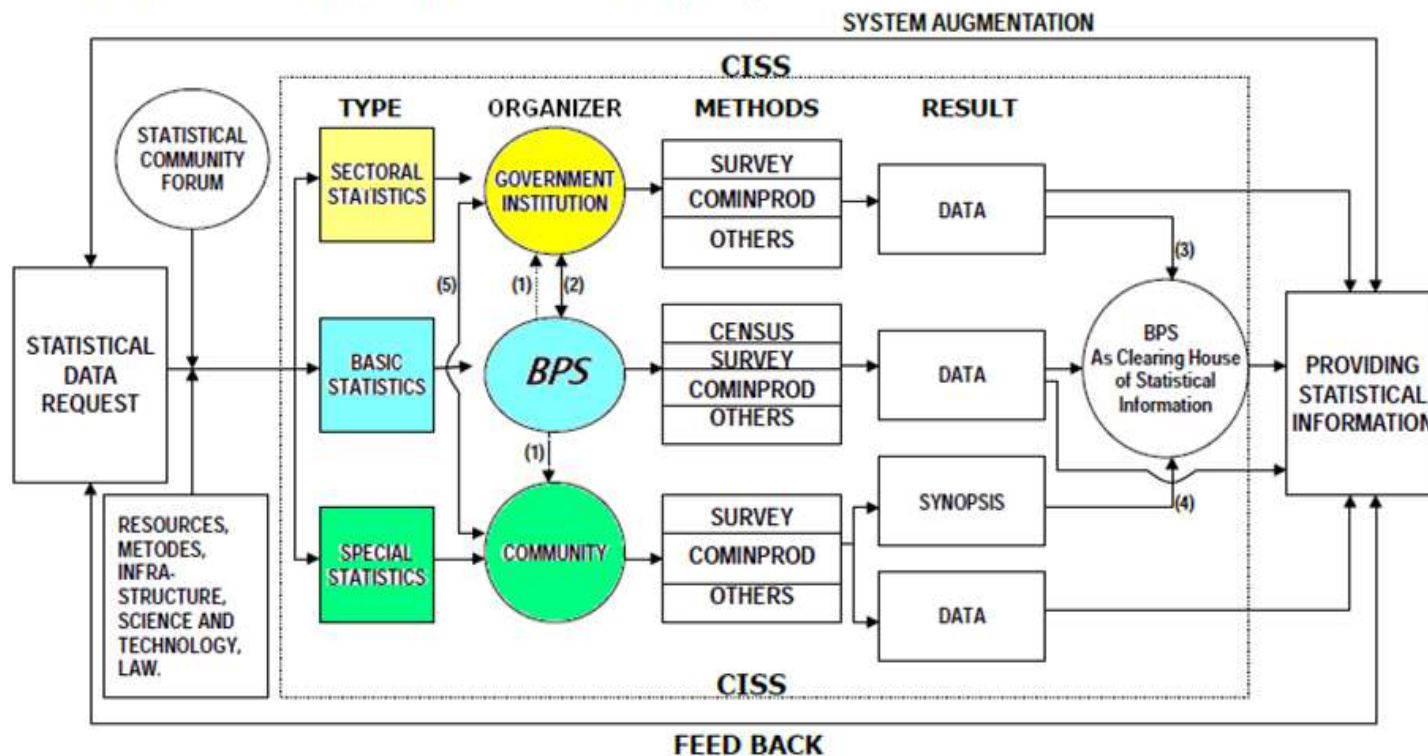


Propose by the Government  
Agreed by Parliament



# Official Statistics is not merely the BPS responsibility

## NATIONAL STATISTICAL SYSTEM (NSS)



**Law No. 16/1997 on Statistics**



- **Basic statistics** → BPS-Statistics Indonesia
- **Sector statistics** → Ministry and local gov't institutions
- **Special Statistics** → Community

- Notes :**
- CISS** : Coordination, Integration, Synchronization, Standardization.
  - COMINPROD** : Compilation of Administrative Product.
  - (1) : BPS actives to coordinate statistical undertaking.
  - (2) : Government Institutions submit data collection plan and BPS provides recommendation.
  - (3) Government Institutions give the result to BPS.
  - (4) Privates/Community submit synopsis to BPS.
  - (5) Government Institutions and privates/community are coordinated and cooperated together by BPS.



- BPS-Statistics Indonesia has representative offices in 33 Provinces, 497 districts/ municipalities involving 16,111 employees.
- **FUNCTION:**  
to provide official statistics for all.

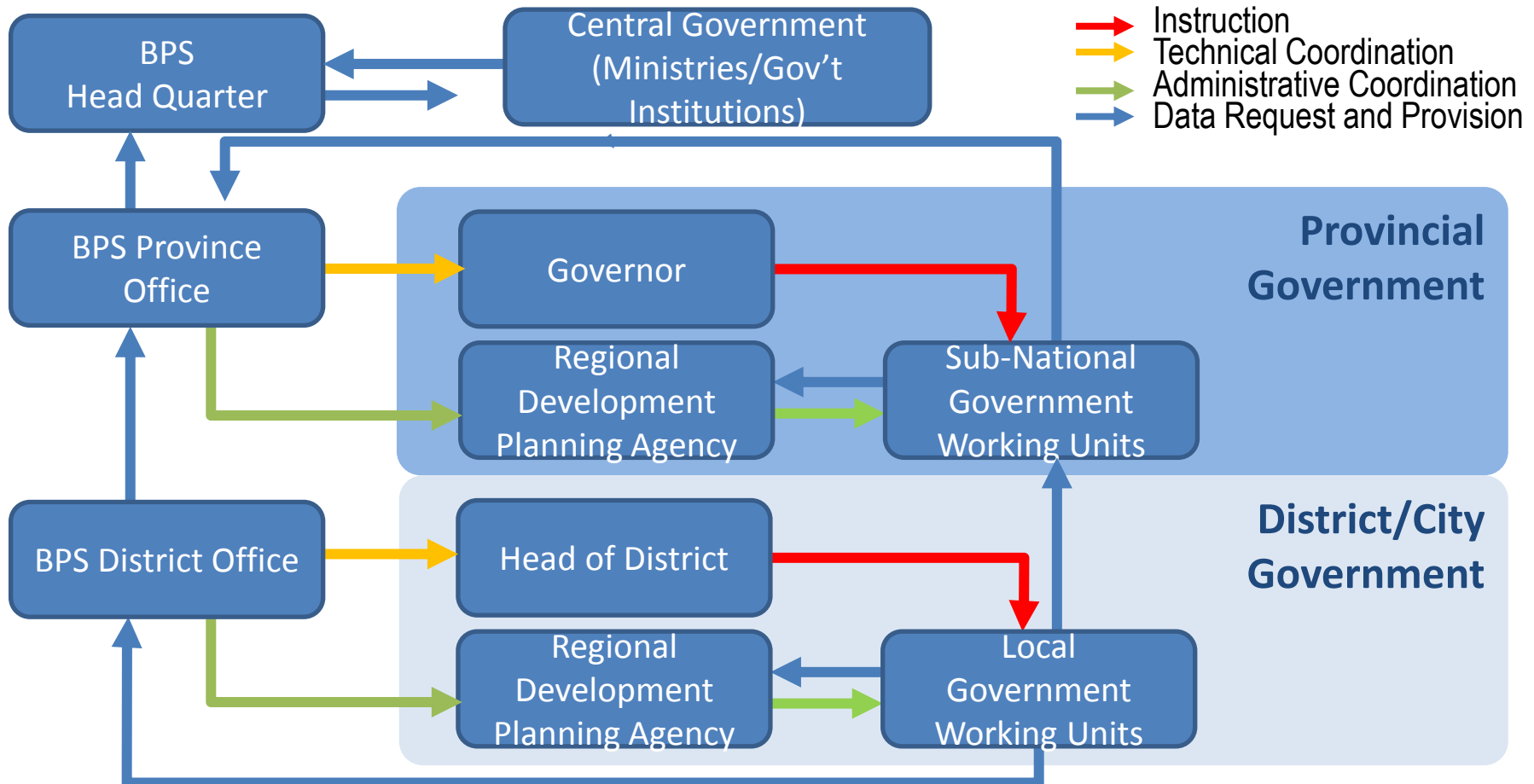
**2010**: Start **Bureaucratic Reform** →  
**provide quality public service**



## Challenges In a Decentralized Political System In Terms of Data Provision

- Limited surveys covering district/municipality level
- There is a challenge in sector data flow from local government to central government
- Many local governments have not been aware of the importance of statistical data for development
- Differences in concept and definition used for certain data or indicators
- In many local government offices, data management is not carried out by a special unit (i.e. Data Management Unit)

## Sectoral Statistics Flow under Decentralized Governance



- Sector statistics are managed by **Data and Information Centre** under **Regional Development Planning Agency**
- **Data Forum** is established within **sub-national system**



## Initiatives In Developing Statistical System at National Level

**1**

Making official statistics importance for all through providing better quality data supported by high quality of Human Resources, modern infrastructure and ICT system

**2**

BPS-Statistics Indonesia has signed MoU with a number of ministries/ government institutions in conducting statistical activities to meet the demand for variety of data for development planning and monitoring

**3**

Making BPS-Statistics Indonesia as the main reference for all ministries and government agencies

**4**

Provide technical assistance to other government institutions in conducting survey and research to enrich their sectoral data

**5**

Efforts have been made to establish “One Data” for development at the central level → Blue print of “One Data for Sustainable Development” was formulated and in the process of implementation

**6**

BPS has actively been involved in a number of meetings on the preparation of SDGs implementation in Indonesia and played a coordinating role in planning of data provision for SDGs



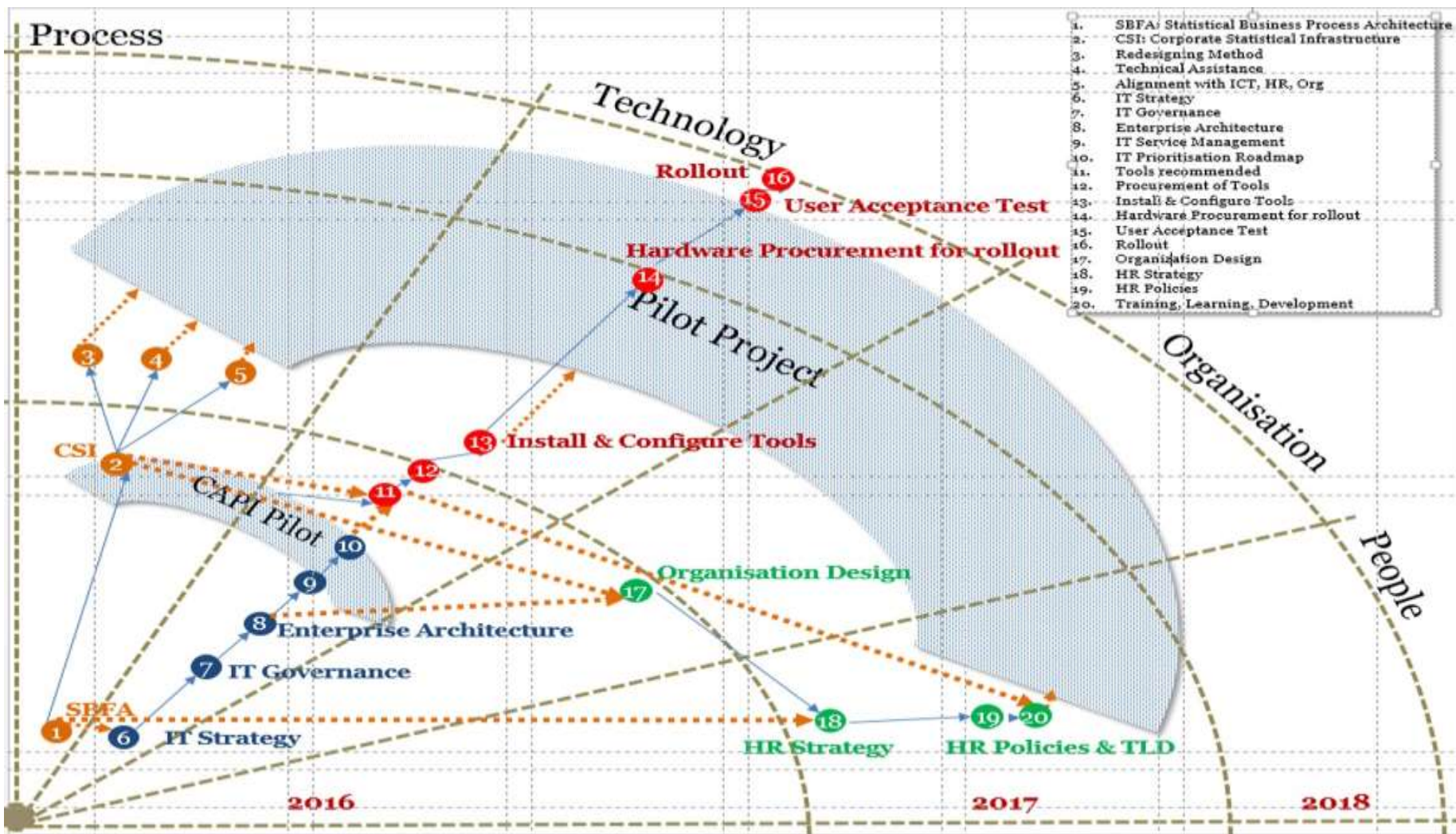
# UNSC 47<sup>th</sup>: ITEM 3b

TRANSFORMATIVE AGENDA for official statistics

- The objective: to modernize and strengthen the global, regional, and **National Statistical Systems**.
- It a necessity to *move away* from the *traditional* stovepipe approach to producing statistics and advocates creating **a new architecture for data collection, processing, and dissemination** through a standards-based production process and the adoption of an **integrated statistics approach**



# Interlink among Packages of Statcap CERDAS







## STANDARDIZED & INTEGRATED BUSINESS PROCESS

SBFA provides a blueprint as to how to structure BPS's processes and the ICT infrastructure and a vision for BPS until 2025.

It provides the underlying structure for the modernisation programme, guidance to statistical design and redesign projects, and assurance that a consistent approach will be used now and in future.

The SBFA describes, based on the General Statistical Business Process Model (GSBPM).

### Statistical Business Framework and Architecture (SBFA) version 4.5

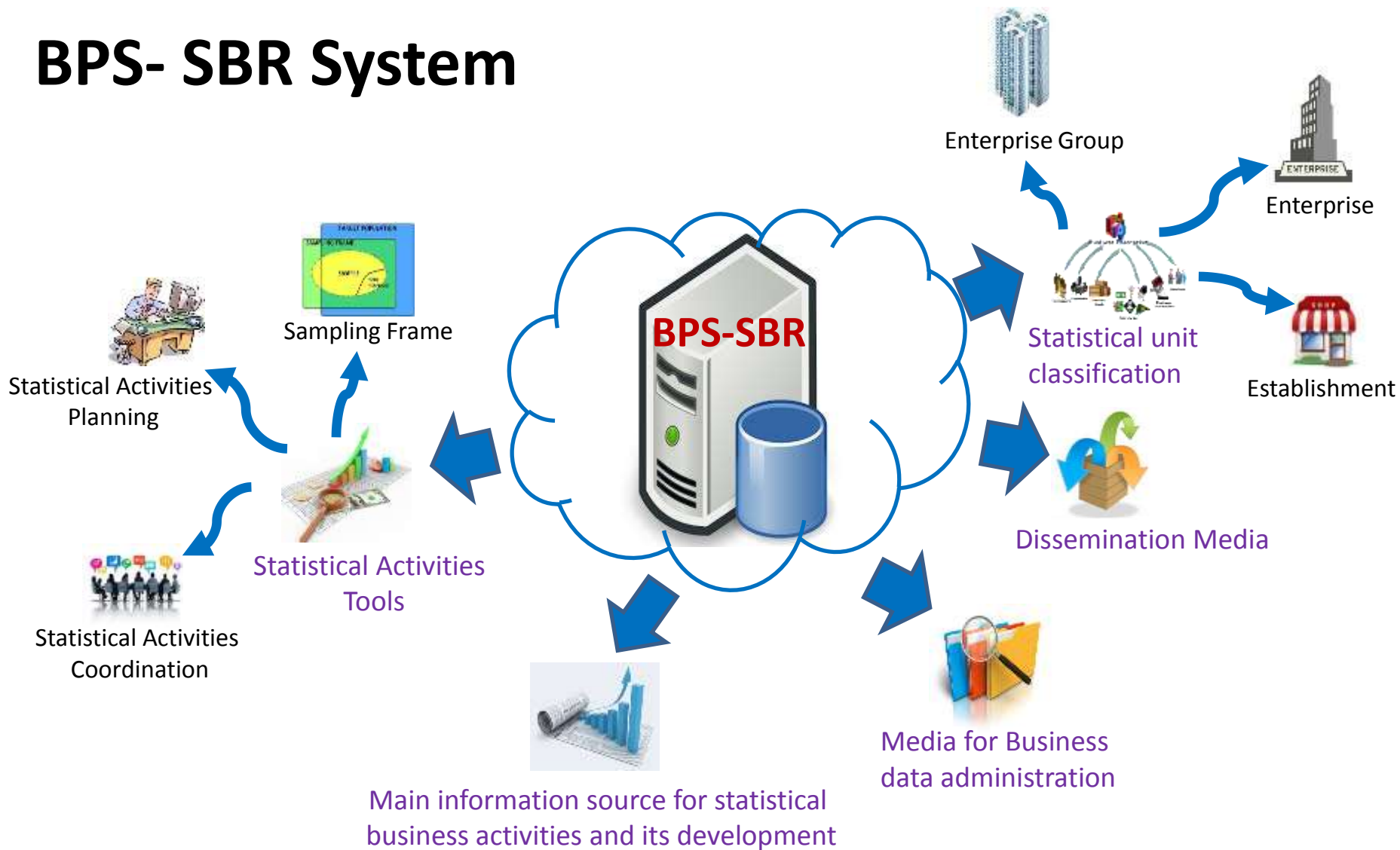
May 2016







# BPS- SBR System

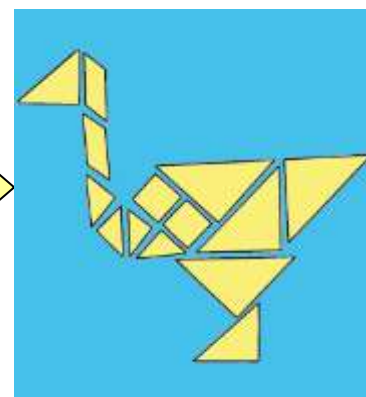
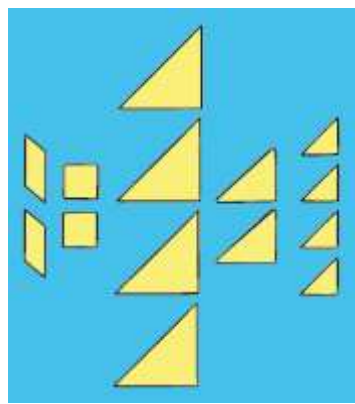
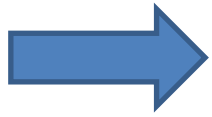




# SDGs movement

47<sup>th</sup> UNSC Item 3a

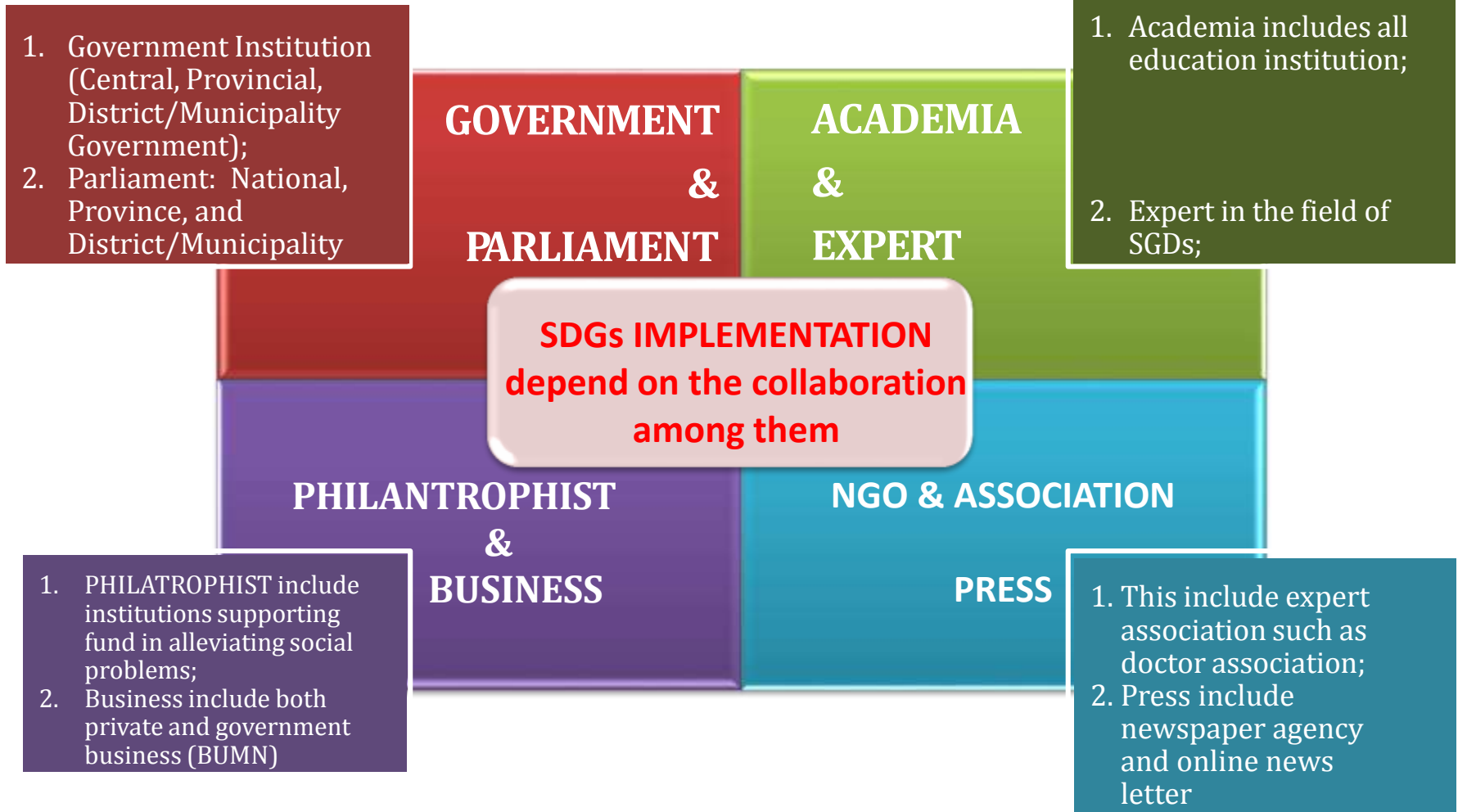
## SDGs mapping and benchmarking



Sector data

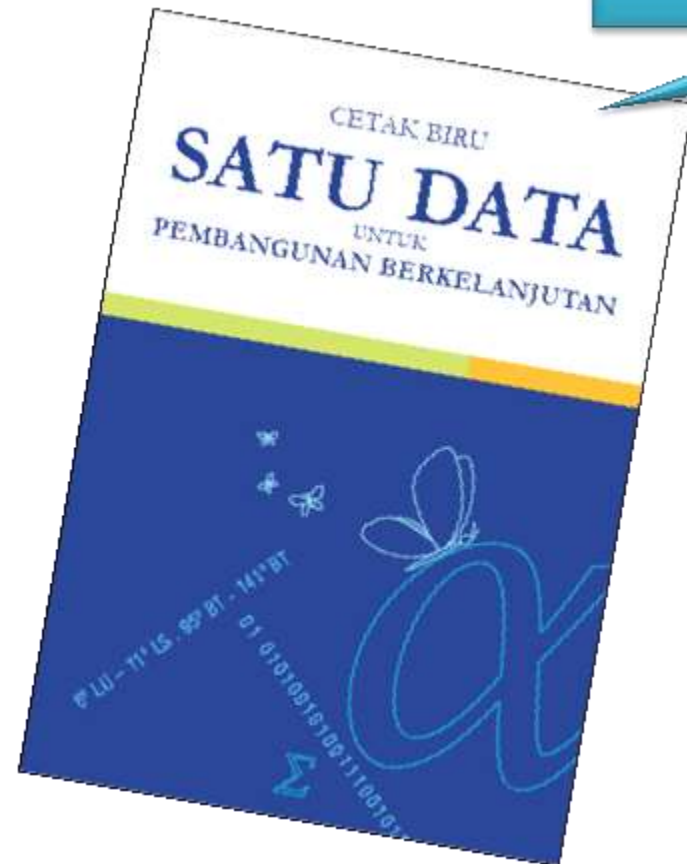
Integrated information

# COLLABORATION: SDGs stakeholders



# INNOVATION

## A Blue Print of **One Data** for Sustainable Development



1

Blueprint of One Data for Sustainable Development was jointly formulated by BPS, line ministries and government institutions

2

It is an integrated system within National Statistical System in managing statistical data and indicators for the purpose of development planning and monitoring

3

Integrated system here refers to the principles: one standardized data, one standardized metadata, and one data portal

4

The blue print also include some aspects such as data coverage, development and management of one data portal, and plan of implementation



# MANAGEMENT OF ONE DATA FOR WEST JAVA PROVINCE DEVELOPMENT

## CHANNELING DATA SOURCE

- A. DATA SOURCES:  
BPS , Ministry/Gov't  
Institutions, International  
Organization, private  
organization
- B. TYPE OF DATA :
  1. *Basic Statistics*
  2. *Sectoral Statistics*
  3. *Special Statistics*
- C. GOVERNANCE:  
Data updated periodically

## DATA SELECTION AND RECEIVING SYSTEM

## EXECUTING DATA SOURCE

- A. DATA SOURCES:  
Data from survey result and  
administrative data collected and  
compiled in Data Centre unit
- B. TYPES OF DATA :
  1. *Spasial*
  2. *Aspasial*
- C. MEDIA :  
SMS Gateway; Web; Others
- D. GOVERNANCE:  
Supervised by Local BPS Office

PROCESSING

## ICT INFRASTRUKTUR

Software , Hardware, Network  
Infrastructure, Geo-database  
online application, Brainware (HR)  
Supported by institution,  
procedure, legislation, cost

## DATA FORUM

Clearing house,  
validation,  
consolidation,  
verification and  
authorization

## ONE DATA FOR WEST JAVA DEVELOPMENT SERVICE SYSTEM

USERS

PUBLICATION

web

Mobile phone

## Development of **One Data** System for Development In Kulonprogo **District**

Development of one data system in Kulonprogo District was chosen as a model of integrating data and information for other regions

The system was called Census-Based District Information System (CBDIS) initiated by BPS and Kulonprogo District Government with a support from UNFPA

BPS is fully responsible for the system development and management including the content which should be relevant with the need



At the national level, statistical system has been developing well, even though need more collaboration.

Progress in developing statistical system at sub-national level has been made in many regions.

Initiatives to establish a Data Forum is very potential to support the development of statistical system at sub-national level as well as a potential forum to support SDGs implementation

The establishment of data forum need to be supported by the development of database information system enabling the creation of “One Data for Development” at district and provincial level

The development of statistical system at subnational level needs to address the following aspects:

- Capacity development for all related stakeholders especially in the area of how to understand the meaning of statistical data for development and how to utilize data (*capability development in statistical literacy*)
- The establishment of data forum to support the development of statistical system needs a legal aspect to strengthen coordination as found in several regions that the function of data forum was not optimal due to no regulation.



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# Thank You

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