THAILAND'S STATISTICAL MASTER PLAN
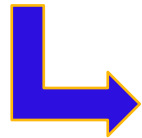
National Statistical Office
Thailand

Current Situation of Thailand National Statistical System

Thailand National Statistical System → **Decentralized Statistical System**

Too many sources of data collection

↓

Too many data produced

↓

Could not find the right source/kind of data
(duplication, omission,
quality & statistical standards problems)

↓

Could not do any analysis or make decision
for national policies formulation & for urgent crisis
(user confusion, coordination problems)

↓

Due to data are not being
integrated and linked

1

Amendment of Statistics Act in 2007

• Thailand National Statistical System is still Decentralized System, but with clear roles, function and relation of various agencies in the National Statistical System

• To empower NSO to do better coordination roles for effective management of National Statistical System

• Statistical Data of Government organizations will be linked and used integrated

Statistics Act 2007

Section 5 NSO is **the central state agency** in charge of the technical statistics work

Section 6 NSO has authority and duties:

(1) Preparing **the Master Plan** for the implementation of the government statistical work

(2) Preparing **statistics standards** to present to the cabinet for approval

(5) **Coordinating & consulting with agencies** to prepare plans that define the responsibilities in **implementing the statistical work under the Master Plan** as mentioned in (1)

(7) Coordinating with agencies to **create statistical network** in order to **obtain important & timely statistical database of the country**

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Thailand National Statistical System

- Official Statistics concept be used as reference data of the country

- Consideration of Official Statistics be done by each sector

- Development of system to link, integrate and share statistical data from government agencies

- Promote and support the use of statistical data

- Improvement of quality of Official Statistics
  - Develop the capacity of statistical teams and units
  - Improve quality by upgrading the standard and quality of statistics by minimizing redundancy and workload

Vision and Strategy of Thailand Statistical Master Plan 2011-2015

Vision: "Thailand has a statistical system that drives all the agencies together. Thailand will have the official statistics to develop country."

Strategy for the development of statistical systems:

Strategy #1 Efficient management of the statistical system
    Goals : 1. Thailand has Official Statistics.
                2. Thailand has a statistical system of high standard and efficiency.
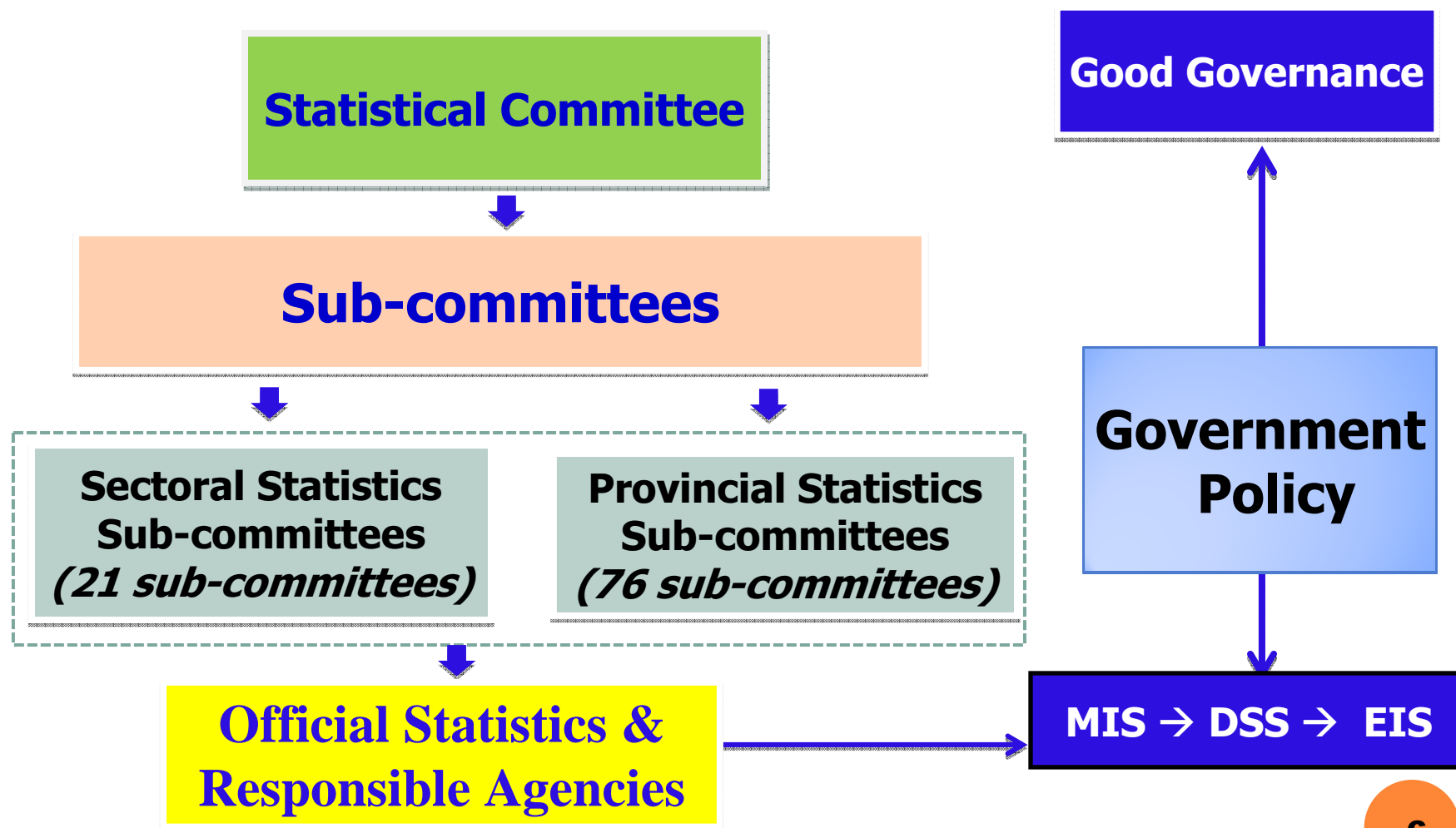   3. Thailand has a system to develop statistical teams and units.

Strategy #2 Standardized statistical production
    Goals : 1. Thailand has good statistical practices.
                2. Thailand produces statistical data in accordance with
                    the quality standards.

Strategy #3 Equal access to statistical data
    Goals : 1. People have equal access to statistical data.
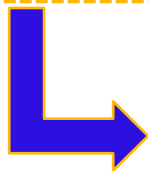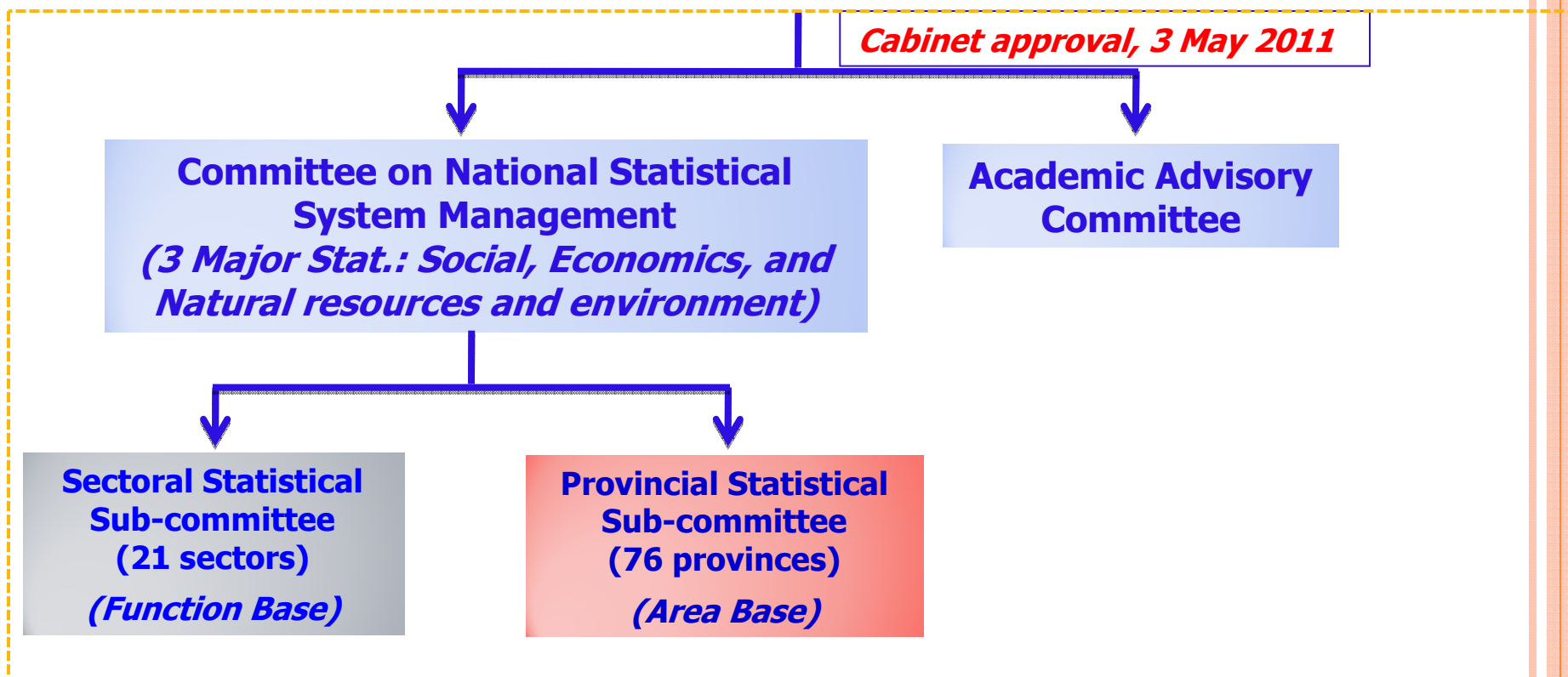   2. Official Statistics are widely used.

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Thailand Statistical Master Plan: Principal Idea

Statistical Committee

↓

Sub-committees

↓ ↓

Sectoral Statistics Sub-committees (21 sub-committees)

Provincial Statistics Sub-committees (76 sub-committees)

↓

Official Statistics & Responsible Agencies →

Good Governance

↑

Government Policy

↓

MIS → DSS → EIS

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Official Statistics Concept

" Key statistical items in each sector that are commonly used for national development planning and monitoring, and ensure that Official Statistics (OS) are produced and disseminated periodically, timely, and high quality"

The Implementation of Thailand Statistical Master Plan 2011-2015

Cabinet approval, 3 May 2011

Committee on National Statistical System Management
(3 Major Stat.: Social, Economics, and Natural resources and environment)

Academic Advisory Committee

Sectoral Statistical Sub-committee (21 sectors)
(Function Base)

Provincial Statistical Sub-committee (76 provinces)
(Area Base)

Constructing the country statistical database from registered base data, survey/census data
   - have official statistics; key statistics items in each sector with quality, completeness and no duplication, host agency of official statistics will be clearly identified
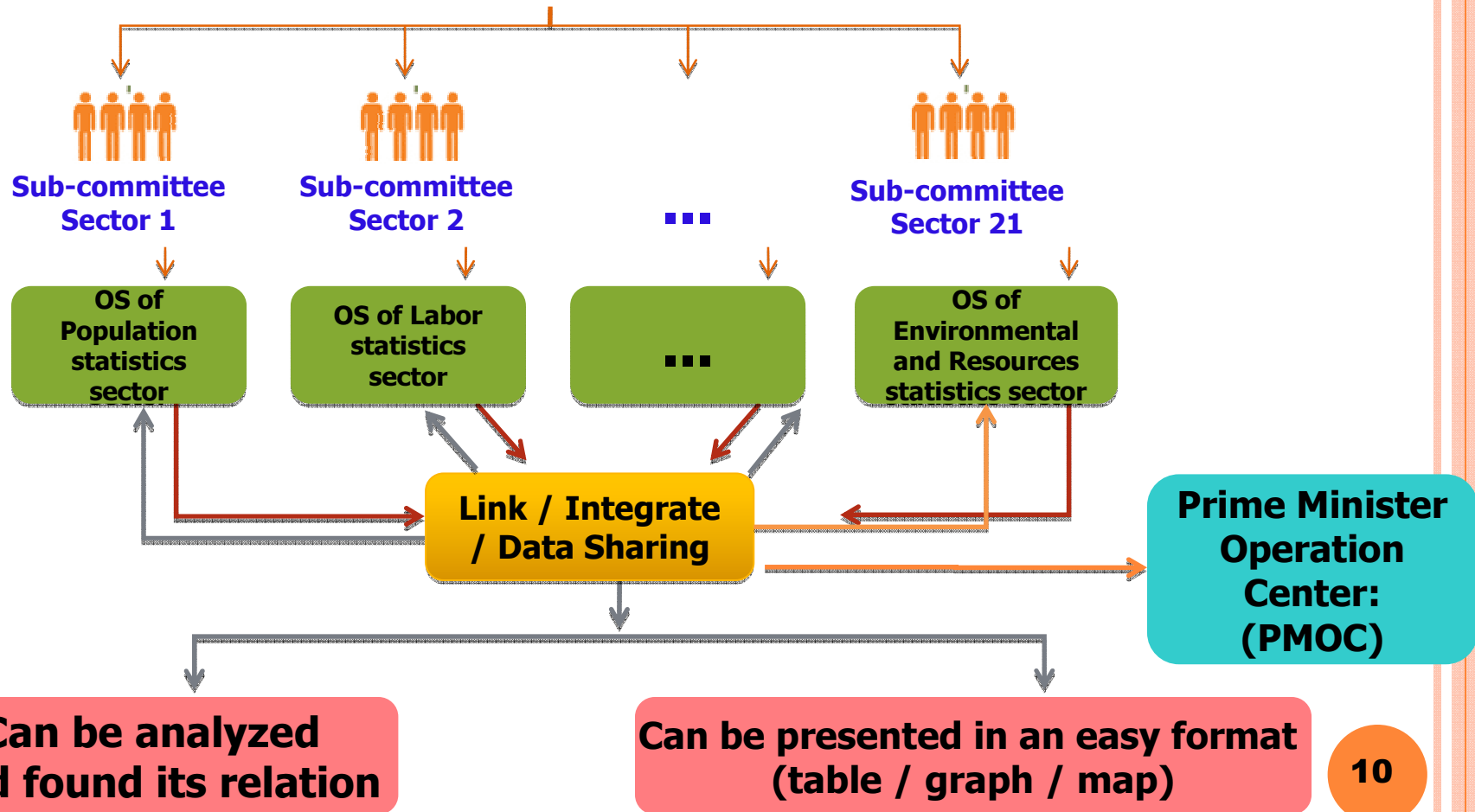   **- all levels of administrators will have statistical data for decision making**

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Implementing TSMP: Challenges

1) The plan was to launch all 21 sectors at the same time, which was big job and needed more staff.

2) NSO internally established three bureaus as following:
   - the <u>Statistical Management Bureau</u>; mainly responsible for coordinating the endorsement and implementation of the TSMP
   - the <u>National Information Center</u>; mainly responsible for developing the system for linking and exchanging statistical data & information from all government agencies
   - the <u>Human Resource Development Group</u>; mainly responsible for providing training to statistical staff from all statistical units

3) NSO also recruited internal staff for assisting as committee and secretary assistance

Implementing TSMP: Function Base Approach
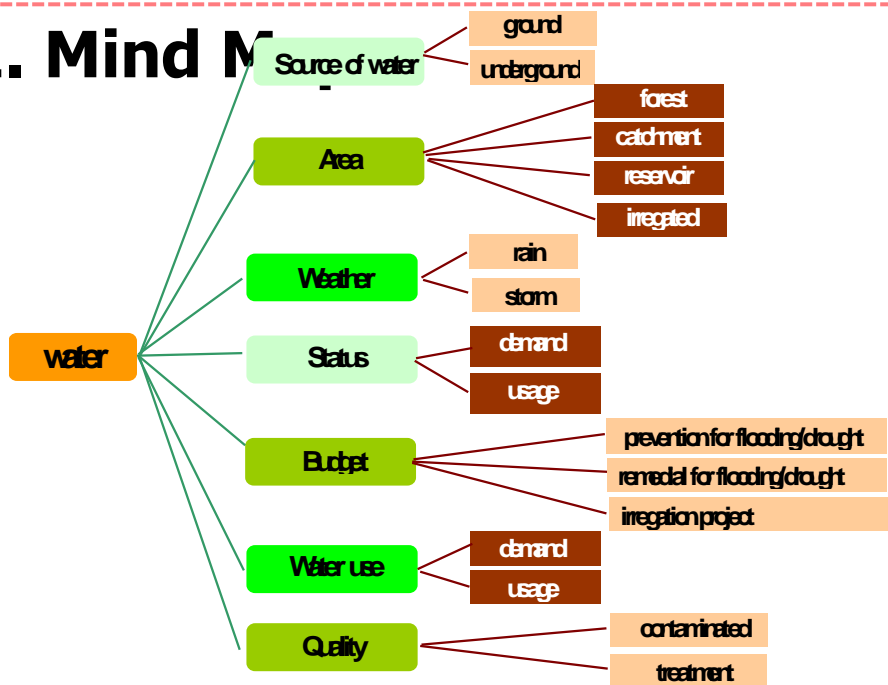
Sectoral Committee on Statistics Data (21 sectors)

Sub-committee Sector 1	Sub-committee Sector 2	...	Sub-committee Sector 21
OS of Population statistics sector	OS of Labor statistics sector	...	OS of Environmental and Resources statistics sector

Link / Integrate / Data Sharing

Prime Minister Operation Center: (PMOC)

Can be analyzed and found its relation

Can be presented in an easy format (table / graph / map)

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Linkage / Integration / Data Sharing

Can be analyzed and found its relation

Can be presented in an easy format (table / graph / map)

## 1. Mind M

- water
  - Source of water
    - ground
    - underground
  - Area
    - forest
    - catchment
    - reservoir
    - irrigated
  - Weather
    - rain
    - storm
  - Status
    - demand
    - usage
  - Budget
    - prevention for flooding/drought
    - remedial for flooding/drought
    - irrigation project
  - Water use
    - demand
    - usage
  - Quality
    - contaminated
    - treatment

2. Function ; $Y = a + bx_1 + cx_2 +$ Evidence base for

	2545	2552	2554
Gini Coefficient (5 groups)	0.403	0.385	0.376
Monthly current income per capita	3,844	6,219	7,226

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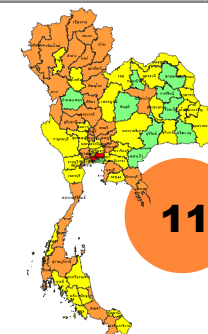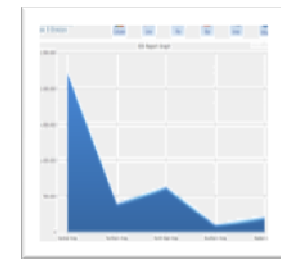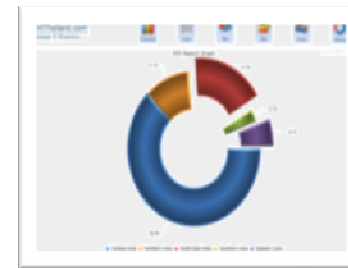
Implementing TSMP: Achievements

- ❑ "Official Statistics" are available to support policy-making at national and sector levels

- ❑ Statistical Units have strong capacity to produce OS

- ❑ Government convinced that investing in good quality statistics is significant and worthwhile

- ❑ The public can easily access and well understand of OS and their usage

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Implementing TSMP: General Workflow Process
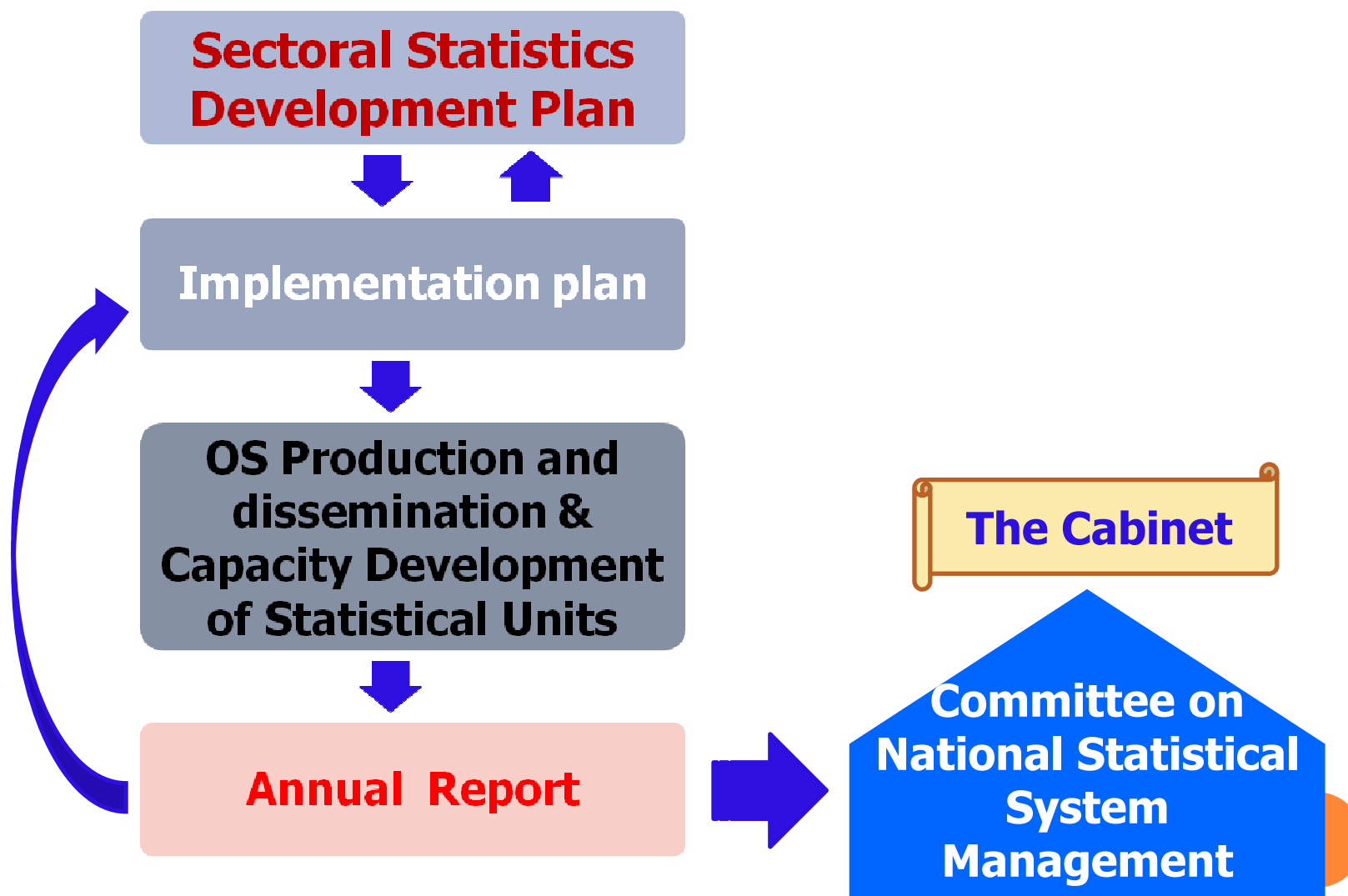
Implementing TSMP: Problems

❖ The implementation of TSMP is so far having a well collaboration from line ministries, the progress was slightly delayed.

❖ This is because

1) The system is new to both NSO and other agencies, many issues need discussion and clarification, many details of the system need to be worked out, as well as the need for well plan and structure from conceptual idea to practical implementation.

2) Concerning that TSMP involves almost all government agencies – saying that it is a big job. And it is somewhat an extra assignment to all participated line ministries concerning that most of them have their usual work.

3) Concerning that each sectoral sub-committee chaired by the permanent secretary of the respective ministry which needs an advance booking – saying that it is difficult in scheduling the meeting date of each sector.

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Implementing TSMP: Way Forward

❑ NSO will prepare the centralized system for statistical service (including the development of the input, searching and presentation feature) such as Data Networking, for which the statistics is used worthwhile

❑ NSO will construct the capacity building programs;

    1) a good practice for the production of statistics

    2) the use of statistical service system

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Statistical Management System at Provincial Level (Area Base)

Implementation Plan

- **Establish database of Official Statistics (OS) at provincial level**
- **Construct Provincial Statistical Development Plan**
- **Build capacity of stuff of agencies in the province**
- **Set up the system of data integration and linkage**
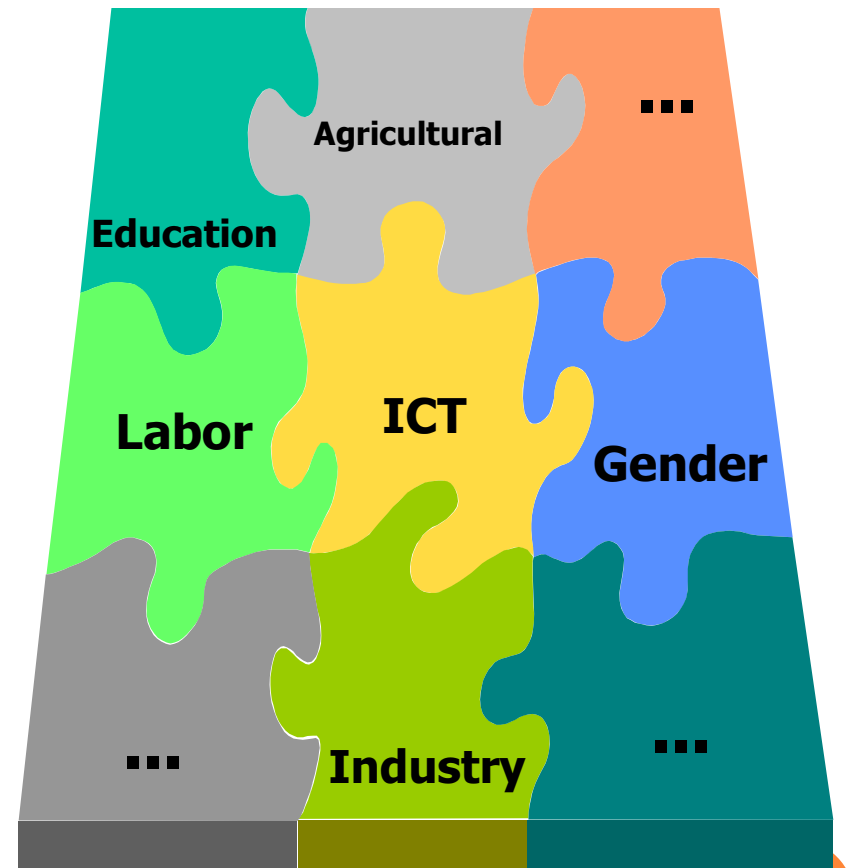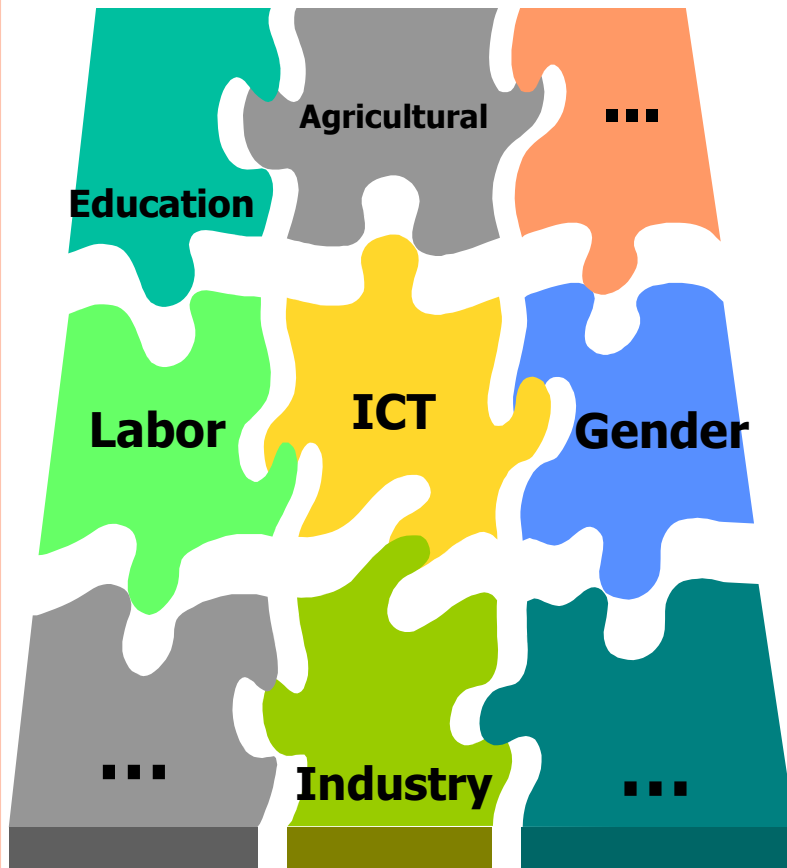
Signed MOU with Line Ministries

Committee on Statistical at Provincial Level working group

Database of OS of the province

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