GSBPM model

Federal State Statistics Service (Rosstat)
Moscow, 2019

GSBPM model

Specify Needs

1.1 Identify needs

1.2 Consult & confirm needs

1.3 Establish output objectives

1.4 Identify concepts

1.5 Check data availability

1.6 Prepare business case
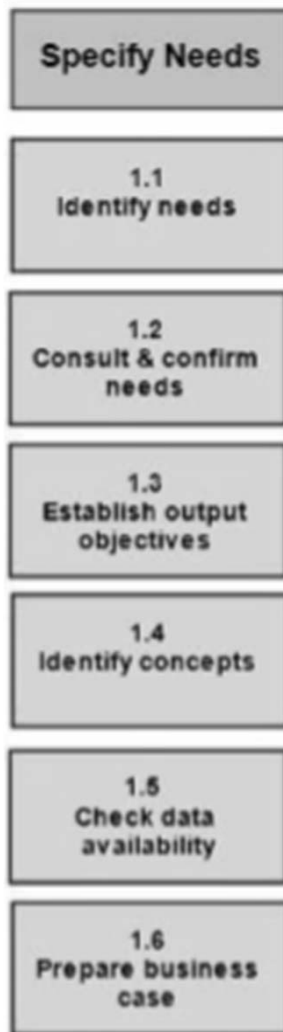
- ❑ **Authority**
- ❑ **Data sources**
- ❑ **Scientific community**
- ❑ **Different groups of users**

- ❑ *User surveys*
- ❑ *Round tables*
- ❑ *Meetings, seminars, conferences*

GSBPM model

Design

2.1 Design outputs

2.2 Design variable descriptions

2.3 Design collection

2.4 Design frame & sample

2.5 Design processing & analysis

2.6 Design production systems & workflow

- ❑ **Data sets**
- ❑ **Data collection methods**
- ❑ **Questionnaires**
- ❑ **Sample frame**
- ❑ **Sample design**
- ❑ **etc**

- ❑ *Federal plan of Statistical activities*

3

lists of the subjects of official statistical accounting

works on production of official statistics

Federal Plan of Statistical Works

frequency of each work (terms)

level of aggregation of the official statistics

grouping the data according to the classifications and terms of providing to users
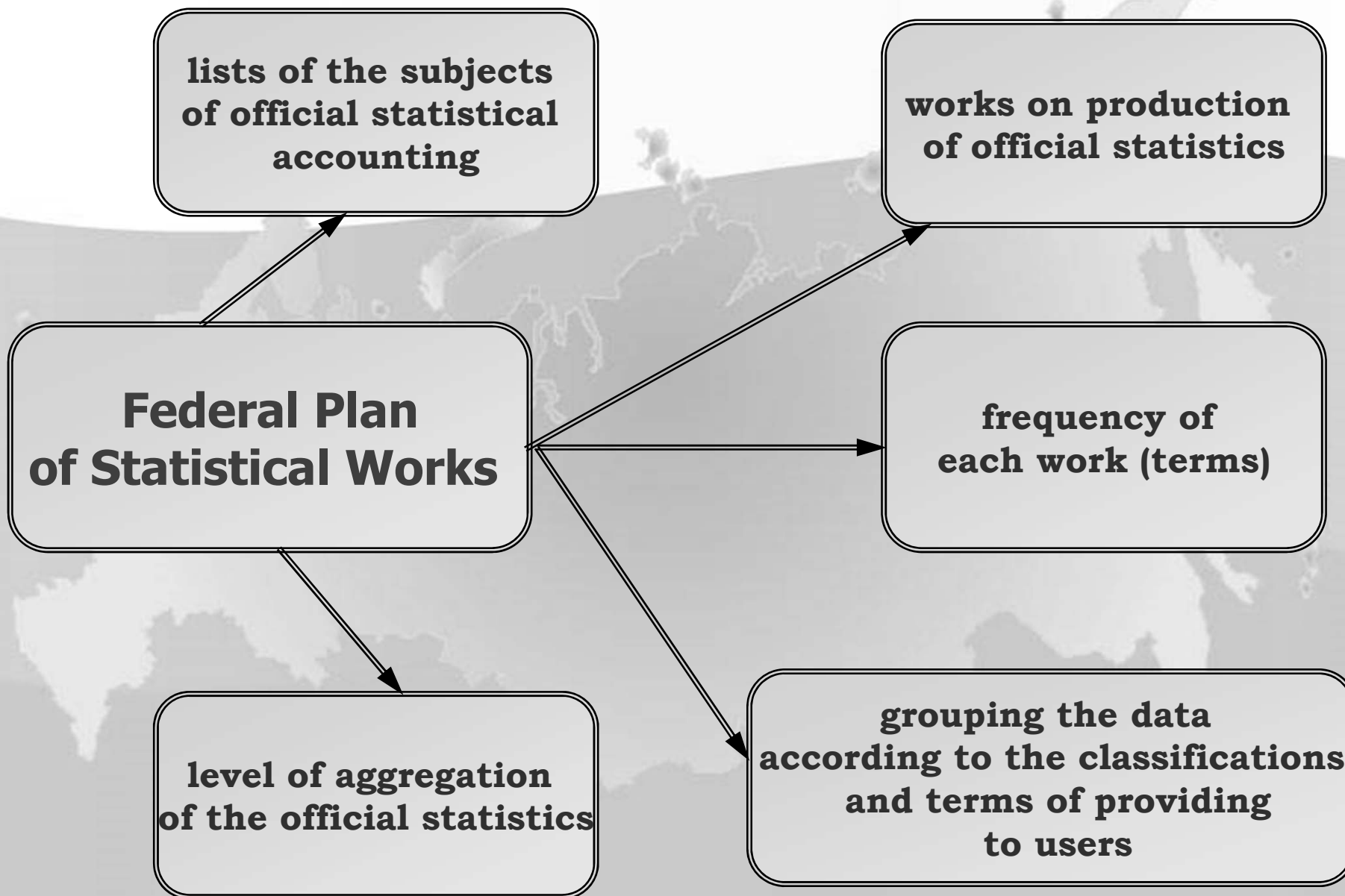
Federal Plan of Statistical Works

• is prepared annually by Rosstat in cooperation with all state authorities (agencies), involved in statistical activities (about 60).

• consists of detailed information (level of aggregation, periodicity, terms) about all official statistical works performed by Rosstat and other state authorities.

• is approved by a decree of the Government of the Russian Federation

GSBPM model

Build

3.1 Build collection instrument

3.2 Build or enhance process components

3.3 Build or enhance dissemination components

3.4 Configure workflows

3.5 Test production system

3.6 Test statistical business process

3.7 Finalise production system
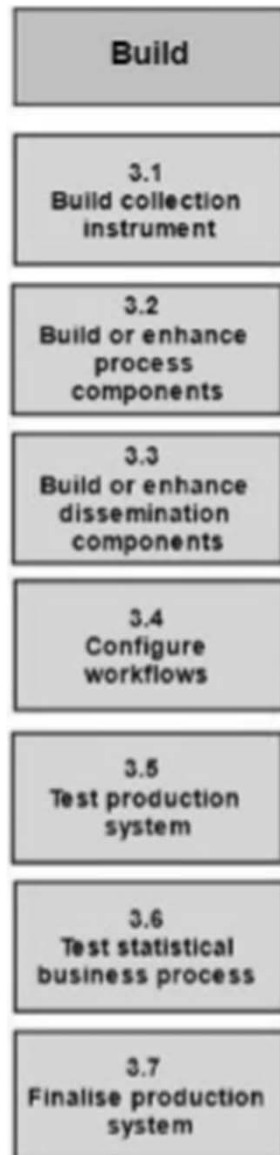
- ❑ **Business case**
- ❑ **Methodology**
- ❑ **Questionnaires**
- ❑ **Dissemination components**
- ❑ **Updating process components**

Testing

GSBPM model

Process

5.1 Integrate data

5.2 Classify & code

5.3 Review & validate

5.4 Edit & impute

5.5 Derive new variables & units

5.6 Calculate weights

5.7 Calculate aggregates

5.8 Finalise data files

Collect

4.1 Create frame & select sample

4.2 Set up collection
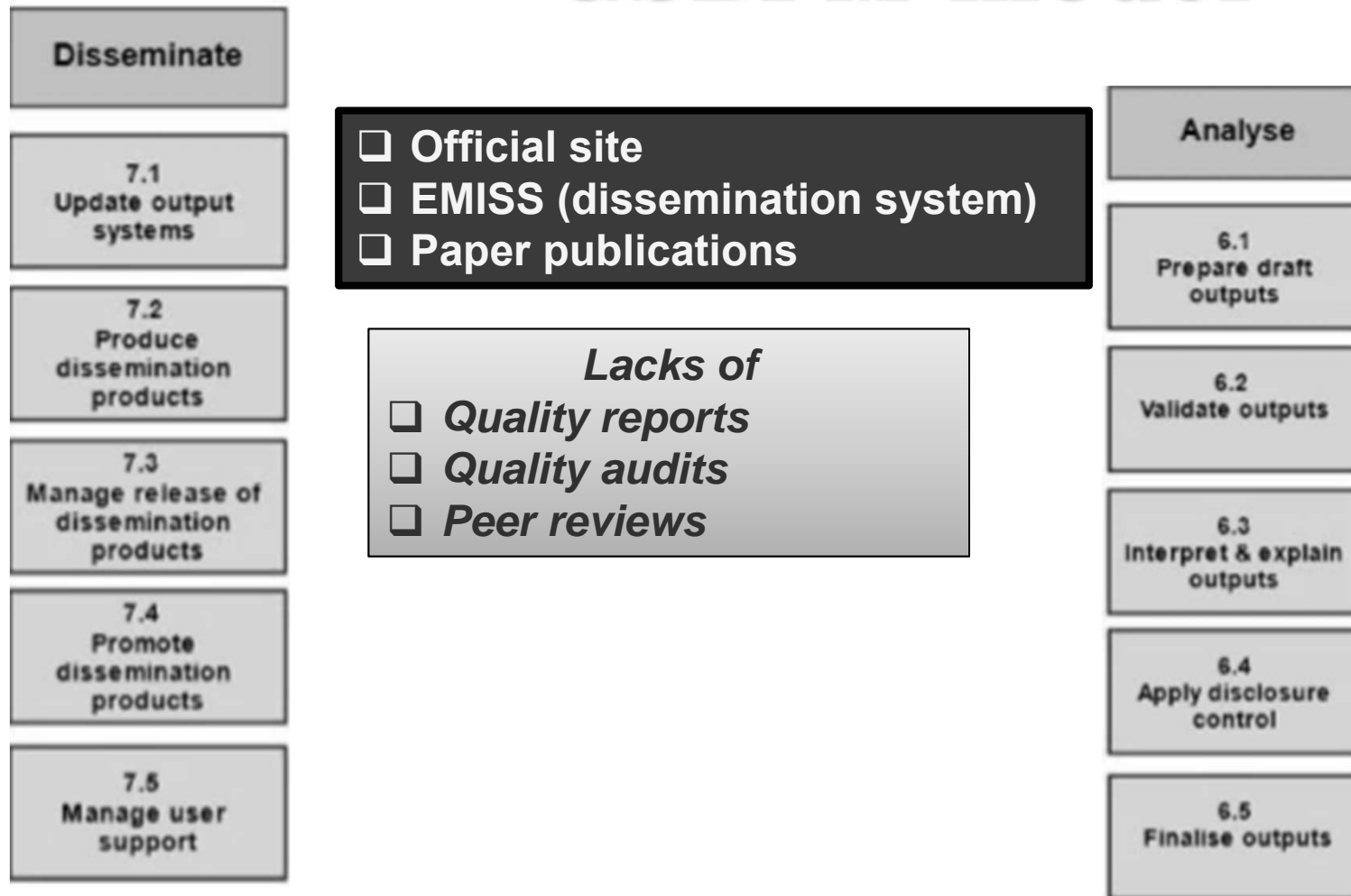
4.3 Run collection

4.4 Finalise collection
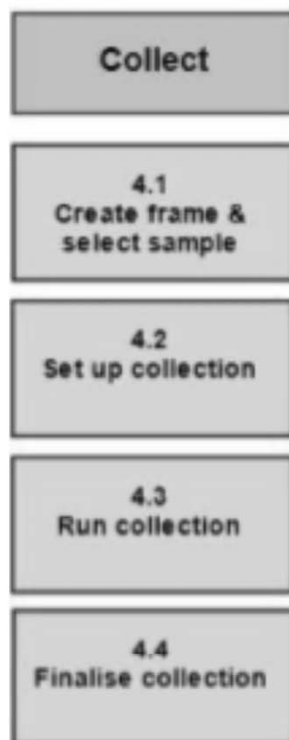
- ❏ Electronic/paper reporting
- ❏ Work with respondents who haven't provided statistical reports
- ❏ Calculations and seasonal adjustment

7

GSBPM model

Disseminate

| 7.1 Update output systems |
| 7.2 Produce dissemination products |
| 7.3 Manage release of dissemination products |
| 7.4 Promote dissemination products |
| 7.5 Manage user support |

- ❑ **Official site**
- ❑ **EMISS (dissemination system)**
- ❑ **Paper publications**

Lacks of
- ❑ *Quality reports*
- ❑ *Quality audits*
- ❑ *Peer reviews*

Analyse

| 6.1 Prepare draft outputs |
| 6.2 Validate outputs |
| 6.3 Interpret & explain outputs |
| 6.4 Apply disclosure control |
| 6.5 Finalise outputs |

Challenges

1) Sources of administrative data
2) Automation of the Federal Plan of Statistical Works
3) Centralized analytical platform
4) Electronic data collection
5) Respondent burden
6) Quality issues
7) Sampling surveys and editing (new methods)
8) The integrated list of observation objects and the integrated list of statistical observation forms (questionnaires) and statistical variables

Thank you for your attention!!