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NATIONAL STATISTICS BUREAU

Towards Supporting Evidence-Based Decision Making



Session with Data Focal Officers/Dzongkhag Statistical Officers on Mandatory Indicator on

“Ensuring the availability of timely, relevant, and reliable data and decisions improved.”

11th and 12th October, 2021

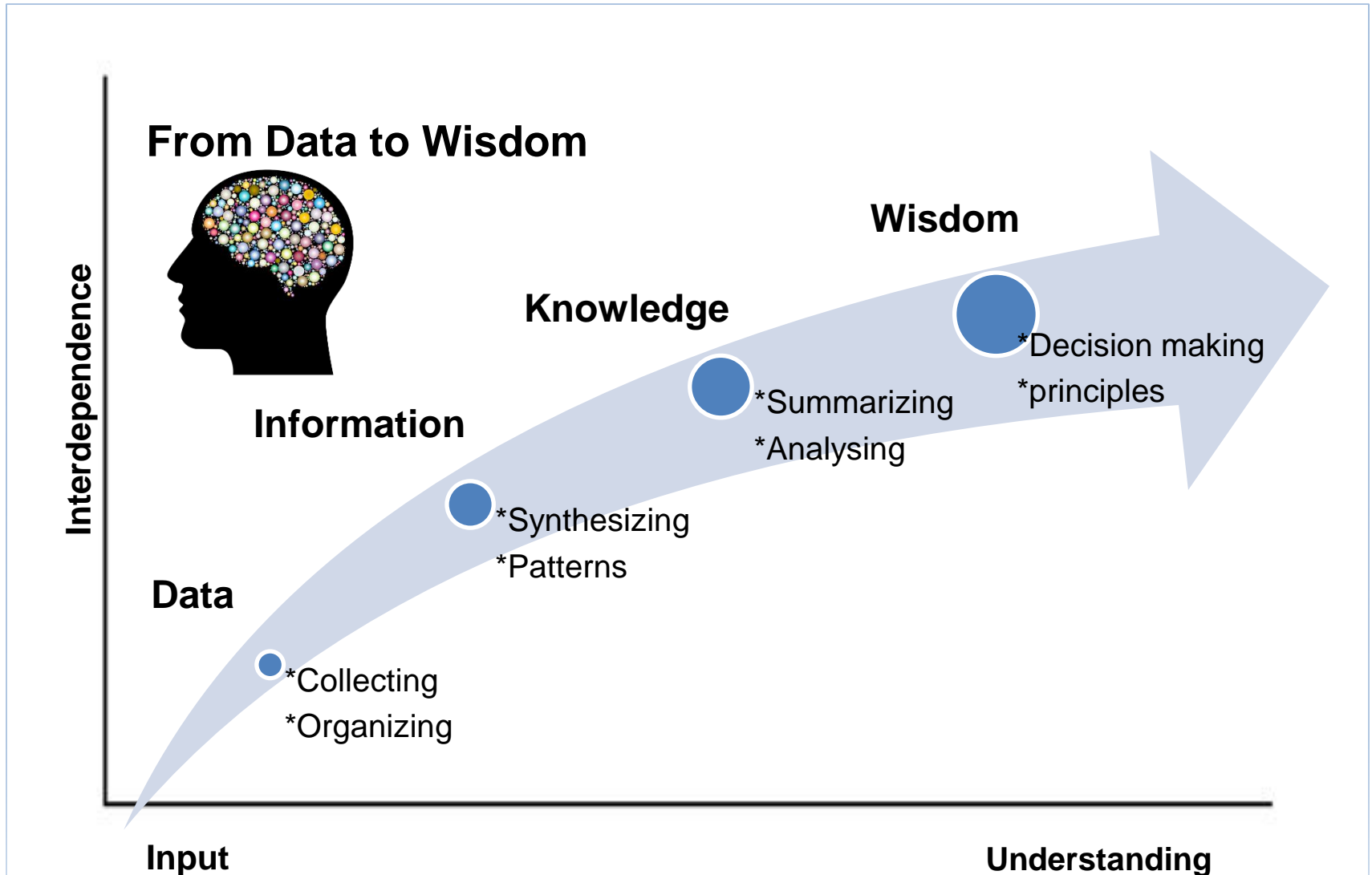
PROGRAM

Time (BST)	Program	Responsibility
2:15-2:30	Participants joining the meeting and registration	All participants
2:30-2:40	Opening Note	Director
2:40-3:00	Presentation on Mandatory Indicator [Monitoring and Evaluation Criteria /Means of Verification/ Agency Category]	Sr. Planning Officer
3:00-3:20	Presentation on responsibilities of the Data Focal Persons	Sr. Planning Officer
3:20-3:40	Presentation on metadata [methodology, concepts and definitions, numerators, and denominators]	Executive Specialist
3:40-4:20	Open Session	All participants
4:20-4:30	Closing remarks [Photo session and filling up of the feedback form]	Executive Specialist

DATA NEEDS

SI	Plans	Planning	Monitoring	Evaluation
1	Annual Performance Target	√	√	√
2	Five Year Plans	√	√	√
3	21 st Century Economic Road Map	√	√	√
4	Sector specific strategies	√	√	√
5	Sustainable Development Goals	√	√	√
6	Any other social, economical, political, technological and etc,.	√	√	√

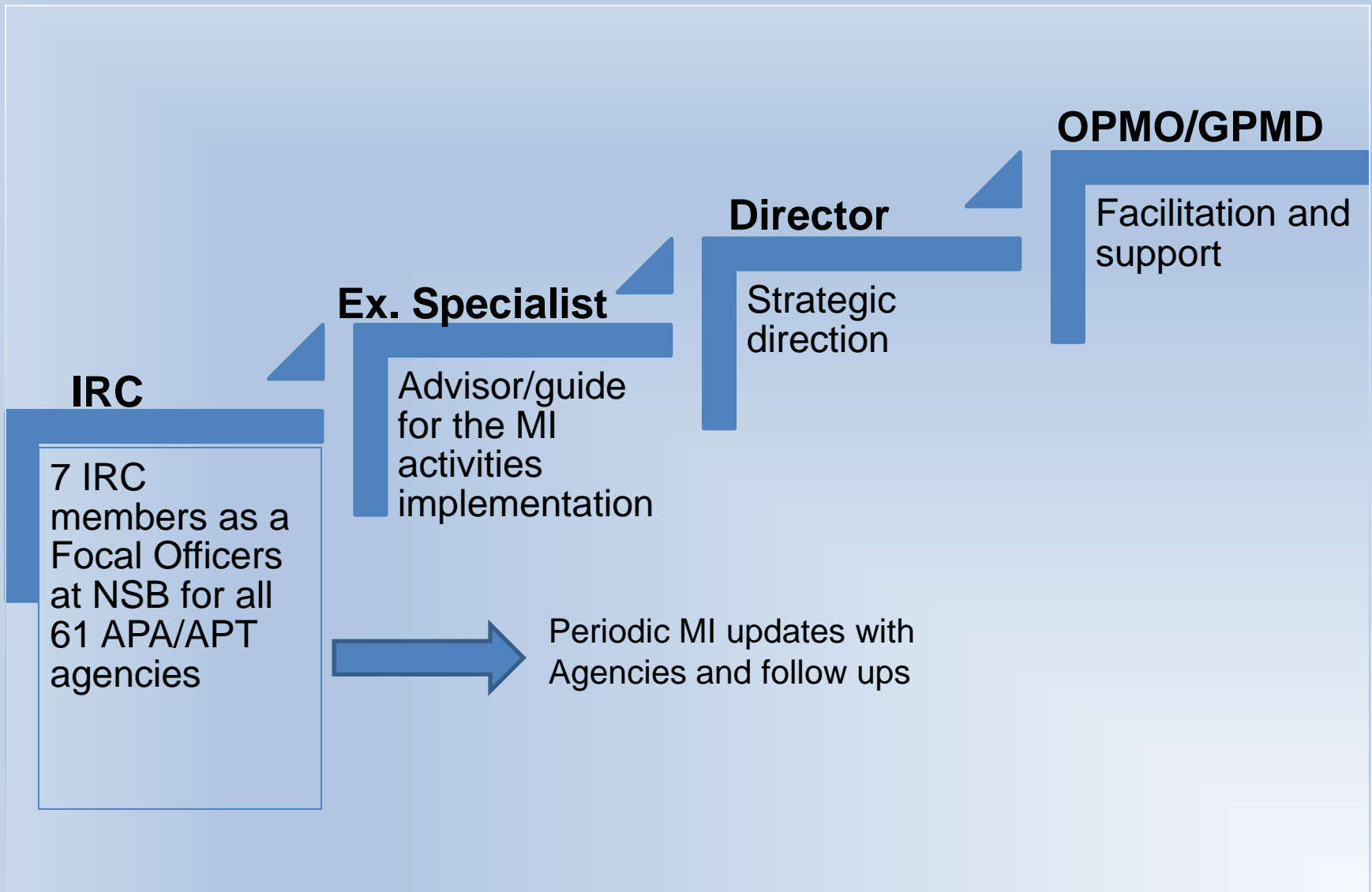
IMPORTANCE



COORDINATION - NSB

- ❖ The central authority for the collection, compilation and release of any official data and its custodian thereof;
- ❖ Final approving authority on all statistical matters;
- ❖ Aims to provide relevant, reliable, and timely statistics to facilitate planning and evidence-based decision making; and
- ❖ Ensures that the compilation and dissemination of statistics are in accordance with scientific principles, professional ethics and international standards.

COORDINATION - NSB



REPORTING

High Power Committee

- ✓ Provide strategic direction & guidance

GPMD

- ✓ Determine MI activities
- ✓ Ensure implementation of MI
- ✓ Communicate MI activities to agencies.
- ✓ Evaluate MI implementation

NSB



- ✓ Determine the MI activities
- ✓ Liaise with Agencies/Data Focal
- ✓ Support agencies to implement MI
- ✓ Evaluation MI implementation

IRC/NTC

- ✓ Review, validate and report to GPMD



AGENCY

- ✓ Planning officer to include MI in the APA/T
- ✓ MI focal to implement activities and compile the report for the review
- ✓ Conduct Mid-Term and Year End review by the IRC/Management
- ✓ Prepare implementation report and share with NSB (Agency Focal Officers)

SECTION 2: Objectives, Success Indicators & Target

Obj.	Action	Success Indicator	Unit	Wt.	Ex. [100%]	V. Good [90%]	Good [80%]	Fair [70%]	Poor [60%]
To strengthen evidence-based decision and data culture	Promote the use of quality data for informed decision making	Availability of timely, relevant and reliable data ensured, and decisions improved	%	2.5	90 and above	80-89	70-79	60-69	Below 60

SECTION 3: Trend values of success indicators

Obj.	Action	Success Indicator	Unit	Actual Values [FY 2018-19]	Actual Values [FY 2019-20]	Actual Values [FY 2020-21]	Target Values [FY 2021-22]	Projected Values [FY 2022-23]
To strengthen evidence-based decision and data culture	Promote the use of quality data for informed decision making	Availability of timely, relevant, and reliable data ensured, and decisions improved	Percent	NA	NA	NA	90 and above	95 and above

SECTION 4: Definition of Success Indicator

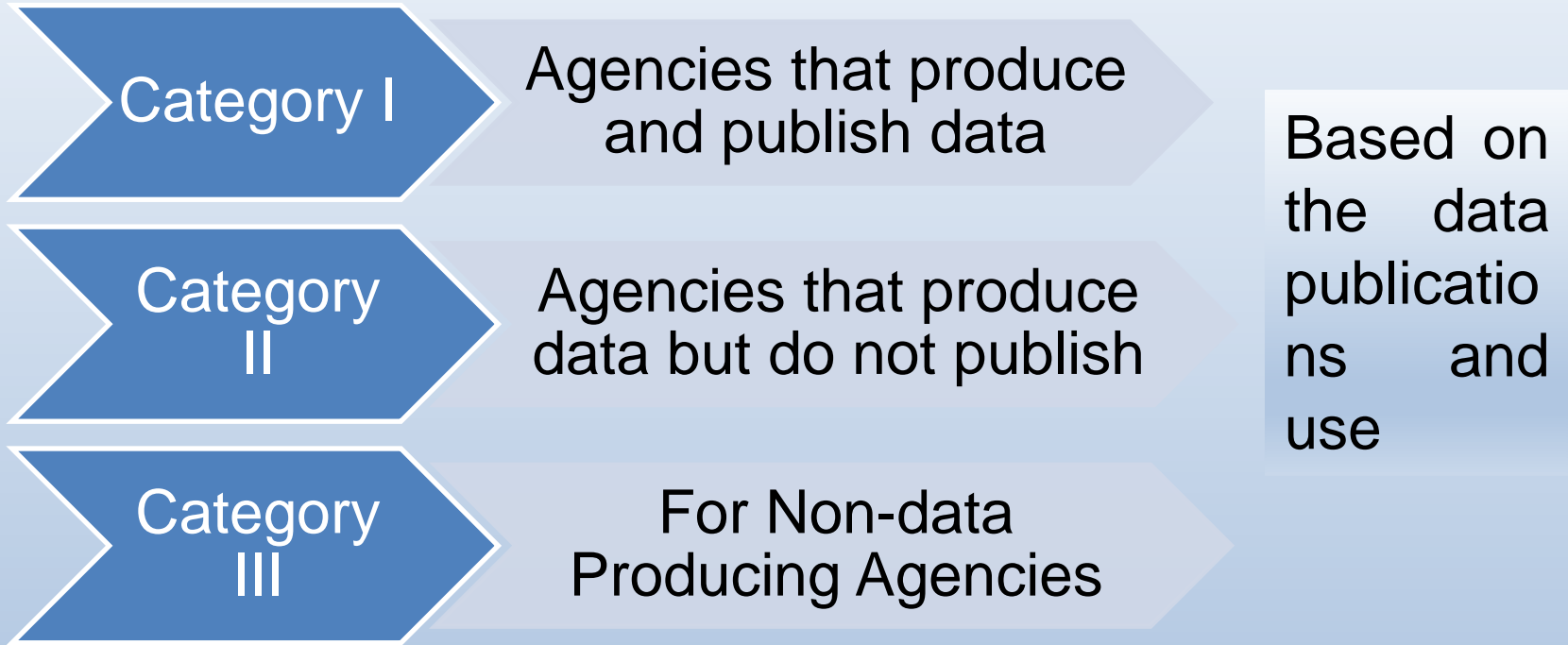
Success Indicator	Description	Data Coll. Methodology	Data Coll. Freq.	Data Source
Availability of timely, relevant, and reliable data ensured, and decisions improved	<ol style="list-style-type: none"> 1. Availability of timely, relevant, and reliable data ensured, and decisions improved: <ol style="list-style-type: none"> (1) Timeliness: <ol style="list-style-type: none"> i. Make data available as per the agency's publication deadline. (For those agencies publishing reports); and ii. Update the agency data timely. (2) Relevance: <ol style="list-style-type: none"> i. Identify the data to be collected and maintained at agency level (Require the agencies to identify the core set of data being collected including those agencies who do not collect data currently); and ii. Relevance of data collected for planning and decision making. (3) Reliability: <ol style="list-style-type: none"> i. Agencies with no Statistical Officers are required to appoint Data Focal Points; and ii. Prepare Metadata (concepts, definitions, numerators, and denominators). 2. Use of data for planning and decision making: <ol style="list-style-type: none"> (1) Accessibility: <ol style="list-style-type: none"> i. Make data available on public domain; and ii. Make data available to the users on request. 	Admin	Bi-annually	From all ministries, autonomous agencies, Dzongkhags and Thromdes

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AGENCY CATEGORY

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SI	Agency	Total
Category I	MoAF, MoE, MoEA, MoF, MoH, MoHCA, MoIC, MoLHR, MoWHS	9
	GNHC, TCB, NEC, NCWC, BMHC, DRA, JDWNRH, KGUMSB, NSB	9
	RCSC, RIM, CBS & GNHR, BICMA, BCSEA, NLC, BSB, NCHM, REC, RUB	10
	Four Thromdes and 20 Dzongkhags	24
Category II	MoFA, BNCA, DDC, NAB, NC, Cabinet Secretariat, CDB	7
Category III	Dratshang Lhentshög, BCAA	2
	Grand Total	61

EVALUATION CRITERIA AND MEANS OF VERIFICATION

EVALUATION CRITERIA:

SI	Wt.	Description	Means of Verification (MoVs)
Availability of timely, relevant, and reliable data ensured, and decisions improved	2.5	<p>Timely, relevant and reliable data:</p> <p>1. Timeliness: (Total 25%)</p> <ul style="list-style-type: none"> -Make data available as per agency's publication deadline (15%) -Update the agency data timely (10%) <p>2. Relevance: (Total 25%)</p> <ul style="list-style-type: none"> -Identify the data to be collected and maintained at agency level (15%) -Relevant data collected for planning and decision making (10%) <p>3. Reliability: (Total 25%)</p> <ul style="list-style-type: none"> -Nominate Data Focal Persons (10%) -Prepare metadata (methodology, concepts and definitions, numerators, and denominators) (15%) 	<ul style="list-style-type: none"> - Official email copy/website publication dates/publication dates of the hard copy. - Verified record of data being updated within the agency. - Proof of data identified at the agency level. - Verified record of relevant data being collected. - Official correspondence of nomination received. - Documentation/description of concepts, methods and definitions of the data produced/maintained.

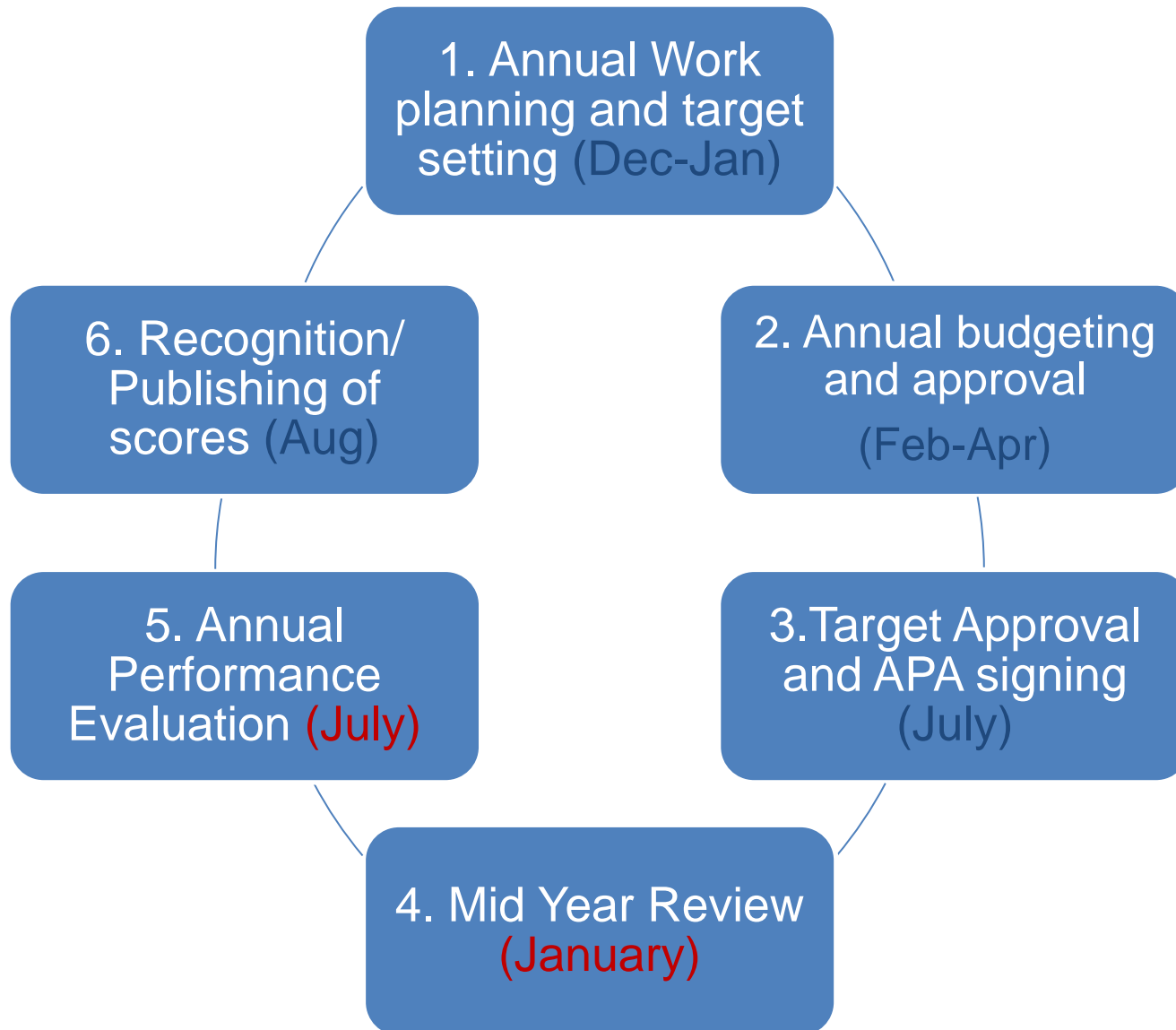
EVALUATION CRITERIA:

SI	Wt.	Description	Means of Verification (MoVs)
Availability of timely, relevant, and reliable data ensured, and decisions improved		<p>2. Use of data for planning and decision making:</p> <p>(4). Accessibility: (Total 25%)</p> <ul style="list-style-type: none"> -Make data available on public domain (15%) -Make data available to the users on request (10%) 	<ul style="list-style-type: none"> - Record of uploaded data on the website/public domain. - Proof of request letter and data sharing record.

EVALUATION CRITERIA

Agency Category I	Agency Category II	Agency Category III
<p>1. Timely, relevant and reliable data:</p> <p>(1).Timeliness: (Total 25%)</p> <ul style="list-style-type: none"> -Make data available as per agency's publication deadline (15%) -Update the agency data timely (10%) <p>(2).Relevance: (Total 25%)</p> <ul style="list-style-type: none"> -Identify the data to be collected and maintained at agency level (15%) -Relevant data collected for planning and decision making (10%) <p>(3).Reliability: (Total 25%)</p> <ul style="list-style-type: none"> -Identify/nominate Data Focal Persons (10%) -Prepare metadata (methodology, concepts and definitions, numerators, and denominators) (15%) <p>2. Use of data for planning and decision making:</p> <p>(1).Accessibility: (Total 25%)</p> <ul style="list-style-type: none"> -Make data available on public domain (15%) -Make data available to the users on request (10%) 	<p>1. Timely, relevant and reliable data:</p> <p>(1).Timeliness: (Total 25%)</p> <ul style="list-style-type: none"> -Update the agency data timely (25%) <p>(2).Relevance: (Total 25%)</p> <ul style="list-style-type: none"> -Identify the data to be collected and maintained at agency level (15%) -Relevant data collected for planning and decision making (10%) <p>(3).Reliability: (Total 25%)</p> <ul style="list-style-type: none"> -Identify/nominate Data Focal Persons (10%) -Prepare metadata (methodology, concepts and definitions, numerators, and denominators) (15%) <p>2. Use of data for planning and decision making:</p> <p>(1).Accessibility: (Total 25%)</p> <ul style="list-style-type: none"> -Make data available to the users on request (25%) 	<p>1. Timely, relevant and reliable data:</p> <p>(1).Relevance: (Total 50%)</p> <ul style="list-style-type: none"> -Identify the data to be collected and maintained at agency level (25%) -Relevant data collected for planning and decision making (25%) <p>(2).Reliability: (Total 25%)</p> <ul style="list-style-type: none"> -Identify/nominate Data Focal Persons (10%) -Prepare metadata (methodology, concepts and definitions, numerators, and denominators) (15%) <p>2. Use of data for planning and decision making:</p> <p>(1).Accessibility: (Total 25%)</p> <ul style="list-style-type: none"> -Make data available to the users on request (25%)

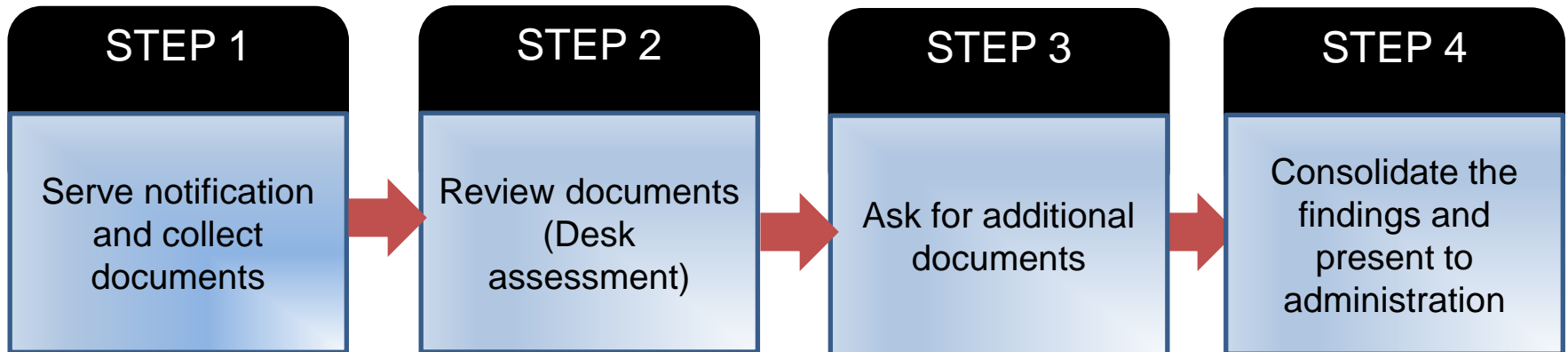
EVALUATIONS



EVALUATION

- ❖ Desk Assessment (Field visit, if required)
- ❖ Team NSB (IRC) – 8 members (Incl. Ex. Sp.)

Process



**DELIVERABLES/
RESPONSIBILITIES OF DATA
FOCAL OFFICERS**

DELIVERABLES OF DATA FOCAL OFFICERS

1. Prepare a list of publications which use data and information at the agency (Dzongkhag/Thromde) level

SI	Title of the Publication	Publication deadline	Remarks
	ADS, DAG, etc.,		

2. Identify the data collected and maintained at agency level but not being published

SI	Data Collected/Maintained	Timeline (date) by which data is made available within/outside the agency	Remarks
	Example: List of trade licenses issued; Check-post management data for vehicle movement); and CPI data collection by Dzongkhags.		

DELIVERABLES OF DATA FOCAL OFFICERS

3. For those agencies who do not collect/maintain data currently

SI	Identify data that needs to be maintained at the agency level	Timeline/date by which data will be available	Means of verification
	Example: Total number of Bhutanese living abroad. Number of clearances issued.		Example: Official documents prepared for data collection

4. Prepare metadata (methodology, concepts and definitions, numerators, and denominators)

5. Keep the record of the Means of Verification for all the assessment criteria.

6. Coordinate and collaborate within the Ministry/Agency/Dzongkhag/Thromde.

METADATA

Definition

Metadata describes data that enables users to properly interpret and use statistics found in reports, surveys and compendium.

Contents

- Concepts and Definitions
- Technical notes
- Release calendar

Concepts and Definitions-Example

LFS

Working-age Population- Persons aged 15 years and above

Economically Active Population (labour force)-Working-age population who were/are employed or unemployed during the reference period of the survey are referred to as Economically active population or Labour Force.

Concepts and Definitions-Example

.....Contd.

- **Economically Inactive Population (out of labour force)** - Working-age population who are/were neither employed nor unemployed during the reference period
- **Labour Force Participation Rate (LFPR)**- LFPR is defined as proportion of economically active persons (labour force) to the working age population
- **Economically Inactive Rate**- It is defined as proportion of economically inactive persons (out of labour force) to the working-age population

Concepts and Definitions-ExampleContd.

- **Employment Rate** - It is defined as proportion of employed persons to the economically active population
- **Employment-to- Population Ratio** - It is defined as the proportion of employed persons to the working-age population
- **Unemployment Rate** - Unemployment rate is defined as the proportion of unemployed persons to the economically active population

Concepts and Definitions-Example

.....Contd.

- **Unemployment-to-Population Ratio** - It is defined as the proportion of unemployed persons to the working-age population
- **Youth Unemployment Rate** - Youth unemployment rate is defined as the percentage of unemployed persons in the age group 15-24 years to the economically active population in the same age group
- **Share of Youth Unemployment** - It is expressed as percentage of youth unemployed persons to all unemployed persons
- **Long Term Unemployment Rate** - Long-term unemployment rate is expressed as the percentage of unemployed (12 months or more) persons to economically active population

Concepts and Definitions-ExampleContd.

- **Share of Long-term Unemployment** - It is expressed as a percentage of long term unemployed persons to total unemployed persons

Technical notes

- General Background
- Objectives
- Scope and coverage
- Survey/Census design

- Frame
- Domain
- Primary Sampling units
- Stratification
- Sample allocation scheme
- Weight/Estimation procedures
- Method of collection
- Questionnaire Design
- Data processing
- Publication of results

For
Sample
Surveys
only

Release calendar

CPI example

Reference Period	Release Schedule (Not Later Than)
December 2020	31 January 2021
January 2021	28 February 2021
February 2021	31 March 2021
March 2021	30 April 2021
April 2021	31 May 2021
May 2021	30 June 2021
June 2021	31 July 2021
July 2021	30 August 2021
August 2021	31 September 2021
September 2021	30 October 2021
October 2021	31 November 2021
November 2021	30 December 2021

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THE END