10TH EXPERT GROUP MEETING ON

**Statistical Data and Metadata eXchange**

JANUARY 25-28, 2021

# New Use Cases for Reference Metadata Exchange with SDMX 3.0
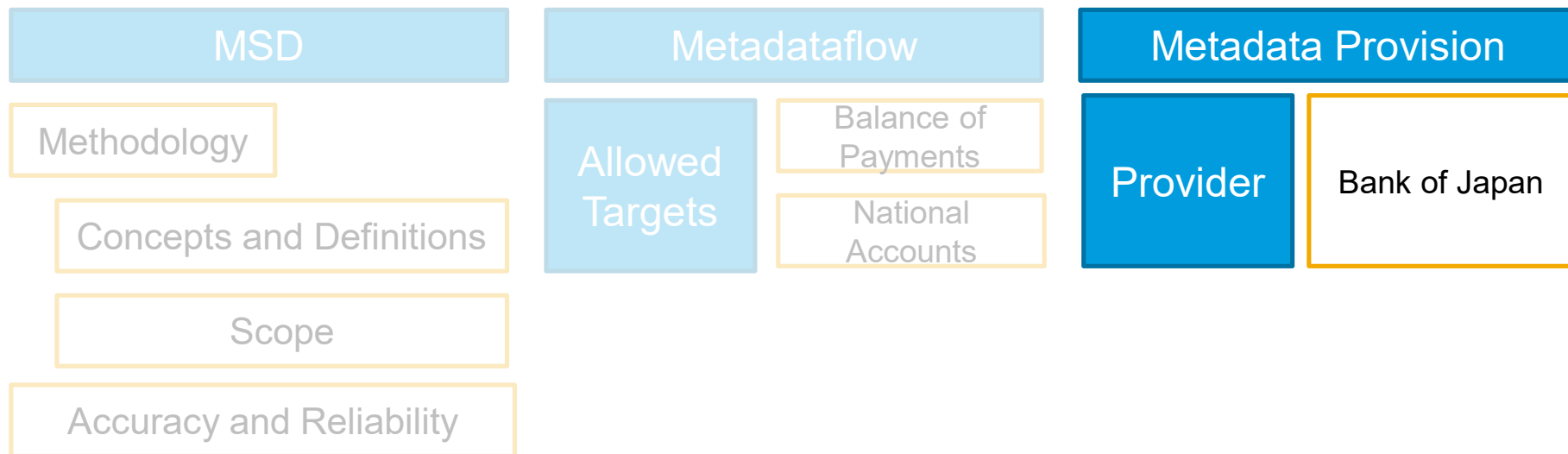
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# Types of Reference Metadata

- Metadata that is reported against structures
    - example collection methodology, accuracy, timeliness
- Metadata that travels closely to the Data
    - example footnotes


- Type 1 – Continues to be described by the MSD
- Type 2 – Described in the DSD that also describes the Data

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# Model Recap

- **MSD** describes the report structure and allowable content
- **Metadataflow** uses a **MSD** and adds information about what the metadata can be reported against
- **Metadata Provision** links a **Provider** to **Metadataflow**

| MSD | Metadataflow | Metadata Provision |
|---|---|---|

| Methodology | | Allowed Targets | Balance of Payments | Provider | Bank of Japan |
|---|---|---|---|---|---|

- Concepts and Definitions
- National Accounts
- Scope
- Accuracy and Reliability

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# Metadata Set

- Owned by Provider     BOJ
- Has an Identity      QUALITY_REPORT
- Has a version       1.0.0
- Reported against something  Dataflow=IMF:BOP(1.0.0)
- Has content (the reported HTML/text/numbers)

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# Metadata Discovery

- API which allows a user to query for Reference Metadata by Provider Id, Id, and version

## Example

- Give me metadata for Bank of Japan, REPORT1, v1.0.0

**Use Case**: Metadata Maintenance

# Metadata Discovery

- All structures contain dynamic links (URL) back to additional Reference Metadata

**Example**

- User creates Concept Scheme (FREQ, REF_AREA, AGE)
- User authors reference metadata against REF_AREA
- User queries for Concept Scheme – the link from REF_AREA to the reference metadata is present

**Use Case**: Indication of more information from UI

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# Metadata Discovery

- New API which allows a user to query for ALL reference metadata that is associated with a group of structures

## **Example**

- Give me all metadata owned by Agency IMF

- Give me all metadata for Dataflow BOP v1.0.0 or higher

**Use Case**: Export of all related metadata

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# Metadata Discovery

- New API which allows a user to query for ALL reference metadata that is reported against a Metadataflow

**<u>Example</u>**

- Give me all metadata reported for the IMF:QUALITY_METADATA(1.0.0) collection

**<u>Use Case</u>**: Knowing who has reported what for a collection