1964 2014

BANQUE AFRICAINE DE DÉVELOPPEMENT 50 ANS AU SERVICE DE L'AFRIQUE
AFRICAN DEVELOPMENT BANK 50 YEARS SERVING AFRICA

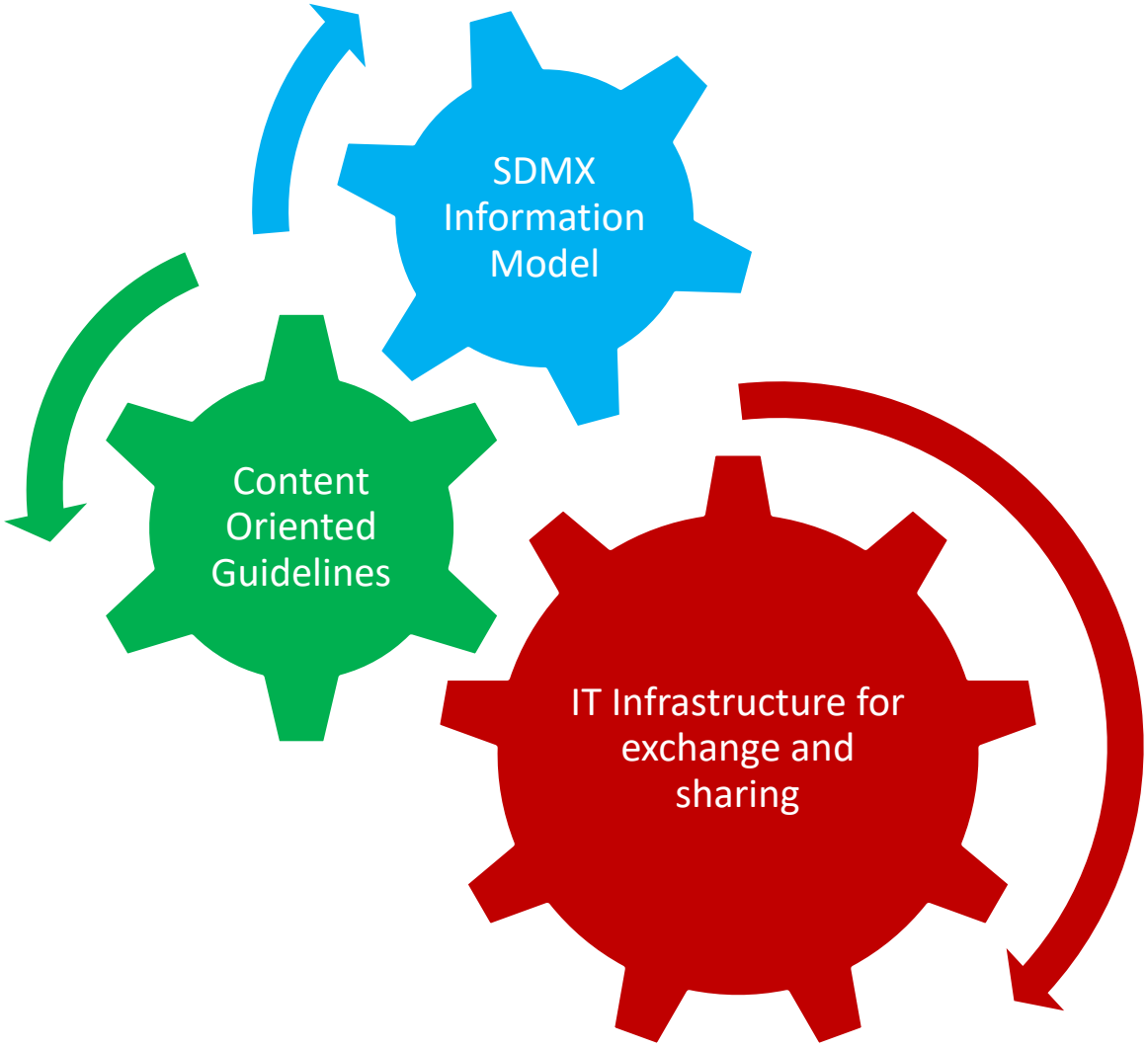
sdmx
Statistical Data and Metadata eXchange

SDMX
Guidelines

Kamel Abdellaoui
K.ABDELLAOUI@afdb.org

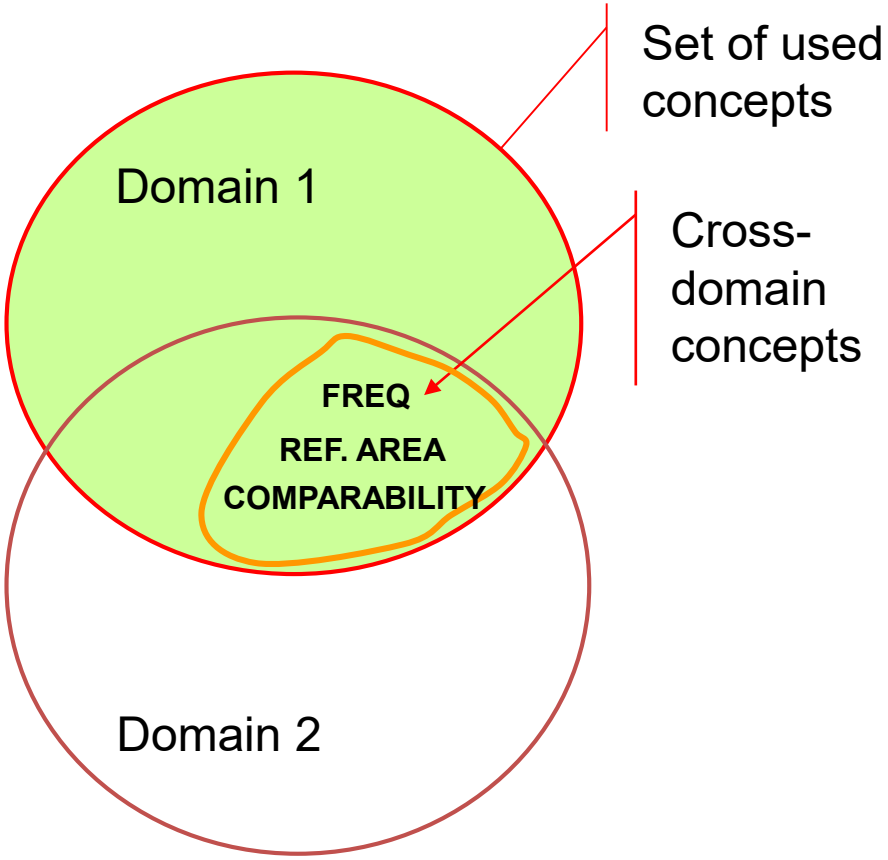
Abidjan 21- 24 May 2019

SDMX components



Content-Oriented guidelines

Cross-domain concepts



30. Frequency	
ID:	FREQ
Description:	The time interval at which observations occur over a given time period.
Comment:	If a time series has a constant time interval between its observations, this interval determines the frequency of the time series (e.g. monthly, quarterly, yearly). "Frequency" – also called "periodicity" – may refer to several stages in the production cycle, e.g. data collection, data compilation or data dissemination. (e.g., a time series could be available at annual frequency but the underlying data are compiled monthly).
Presentation:	CL_FREQ_SDMX Free text

Concepts

Cross-domain Code Lists

Currently available SDMX cross-domain code lists:

- Activity (CL_ACTIVITY)
- Age (CL_AGE)
- Civil (or marital) status (CL_CIVIL_STATUS)
- Classification of Individual Consumption According to Purpose (COICOP) (CL_COICOP)
- Classification of the Functions of Government (COFOG) (CL_COFOG)
- Classification of the Outlays of Producers According to Purpose (COPP) (CL_COPP)
- Classification of the Purposes of Non-Profit Institutions Serving Households (COPNI) (CL_COPNI)
- Confidentiality status (CL_CONF_STATUS)
- Currency (CL_CURRENCY)
- Decimals (CL_DECIMALS)
- Frequency (CL_FREQ)
- Geographical areas (CL_AREA)
- Observation status (CL_OBS_STATUS)
- Occupation (CL_OCCUPATION)
- Seasonal adjustment (CL_SEASONAL_ADJUST)
- Sex (CL_SEX)
- Time format (CL_TIME_FORMAT)
- Time period – collection (CL_TIME_PER_COLLECT)
- Unit multiplier (CL_UNIT_MULT)

https://registry.sdmx.org/

SDMX Glossary

VERSION 1.0 - FEBRUARY 2016

ACCURACY

Definition	Closeness of computations or estimates to the unknown exact or true values that the statistics were intended to measure.
Context	
Type	
Concept	
Recomm	
Related	
Source	

ADJUSTMENT

Definition	
Context	
Type	
Concept ID	
Recommende	
Related terms	
Source	

CONCEPT

Definition	Unit of thought created by a unique combination of characteristics.
Context	At an abstract level, a Concept is defined in the Generic Statistical Information Model (GSIM) as a "unit of thought differentiated by characteristics". Concepts are used in different ways throughout the statistical lifecycle, and each role of a Concept is described using different information objects (which are subtypes of Concept). A Concept can be used in these situations: (a) As a characteristic. The Concept is used by a Variable to describe the particular characteristic that is to be measured about a Population. For example, to measure the Concept of gender in a population of adults in the Netherlands, the Variable combines this Concept with the Unit Type "person". (b) As a Unit Type or a Population. To describe the set of objects that information is to be obtained about in a statistical survey. For example, the Population of adults in Netherlands based on the Unit Type of persons. (c) As a Category to further define details about a Concept. For example, Male and Female for the Concept of Gender. Codes can be linked to a Category via a Node (i.e., a Code Item or Classification Item), for use within a Code List or Statistical Classification. In SDMX the concept can be given a Core Representation such as a reference to a code list for an enumerated representation or other values such as "integer" or "string" for a non-enumerated representation. This representation can be overridden in the data structure when the concept is used as a dimension or attribute. A concept with a core representation could be regarded as a represented variable.
Concept ID	CONCEPT
Related terms	Concept scheme Dimension

Glossary

Statistical subject-matter domains

Based on the UNECE Classification of International Statistical Activities

Domain 1: Demographic and social statistics	Domain 2: Economic statistics	Domain 3: Environment and multi-domain statistics
1.1 Population and migration	2.1 Macroeconomic statistics	3.1 Environment
1.2 Labour	2.2 Economic accounts	3.2 Regional and small area statistics
1.3 Education	2.3 Business statistics	3.3 Multi-domain statistics and indicators
1.4 Health	2.4 Sectoral statistics	3.3.1 Living conditions, poverty and cross-cutting social issues
1.5 Income and consumption	2.4.1 Agriculture, forestry, fisheries	3.3.2 Gender and special population groups
1.6 Social protection	2.4.2 Energy	3.3.3 Information society
1.7 Human settlements and housing	2.4.3 Mining, manufacturing, construction	3.3.4 Globalisation
1.8 Justice and crime	2.4.4 Transport	3.3.5 Indicators related to the Millennium Development Goals
1.9 Culture	2.4.5 Tourism	3.3.6 Sustainable development
1.10 Political and other community activities	2.4.6 Banking, insurance, financial statistics	3.3.7 Entrepreneurship
1.11 Time use	2.5 Government finance, fiscal and public sector statistics	3.4 Yearbooks and similar compendia
	2.6 International trade and balance of payments	
	2.7 Prices	
	2.8 Labour cost	
	2.9 Science, technology and innovation	

Domains

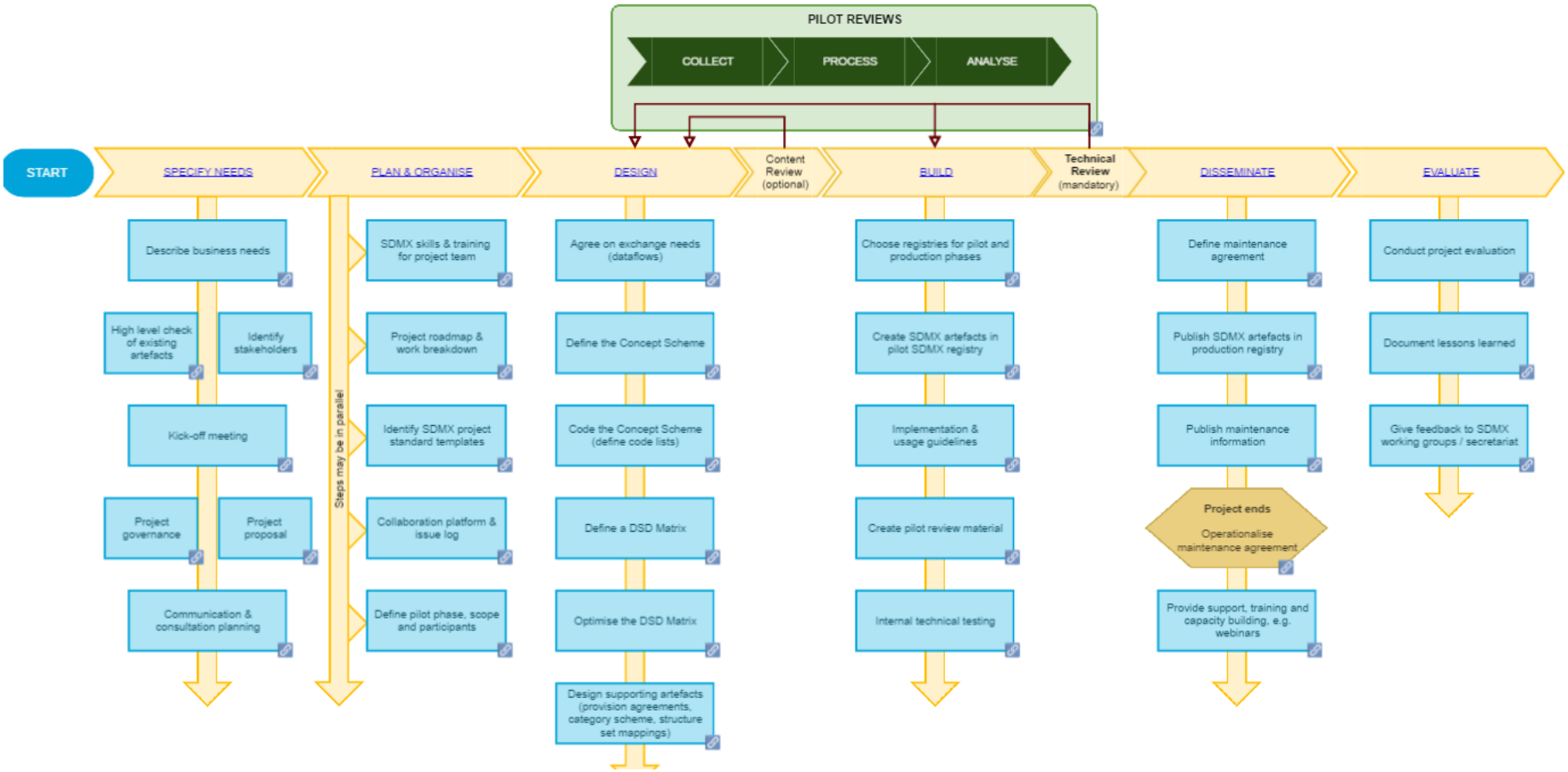
Other Guidelines

- Governance of commonly used SDMX metadata artefacts
- Modelling a Statistical Domain for Data Exchange in SDMX
- Guidelines for SDMX Data Structure Definitions
- Guidelines for the Creation and Management of SDMX Code Lists
- Guidelines on the Versioning of SDMX Artefacts
- Guidelines on Non-Calendar Year Reporting of Data
- Possible Ways of Implementing the CL_OBS_STATUS Code List
- Guidelines for Confidentiality and Embargo in SDMX
- Guidelines on coding time transformations in SDMX
- SDMX Global Registry Content Policy

https://sdmx.org/?page_id=4345

SDMX Project Management Guideline

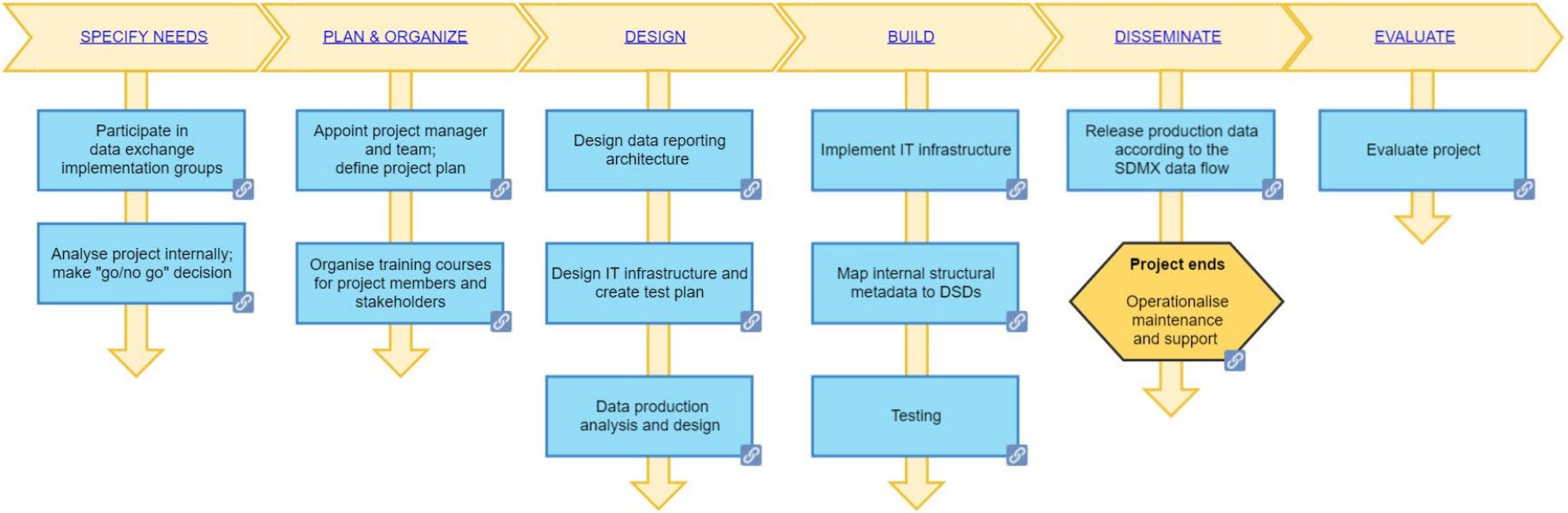
Checklist for SDMX Design Projects Home



http://www1.unece.org/stat/platform/display/SDMXPM/Checklist+for+SDMX+Design+Projects+Home

SDMX Project Management Guideline

Checklist for SDMX Data Providers



http://www1.unece.org/stat/platform/display/SDMXPM/Checklist+for+SDMX+Data+Providers

For more information

- http://www.sdmx.org (SDMX web site)

THANK YOU

A.AIH@AFDB.ORG