



SDMX–DPM Interoperability

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Meaningful Data

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Who promotes the work

Mandate

PROMOTED
BY

SDMX Technical Working Group
(TWG)
The standard-setting body for SDMX.

MANDATED

June 2025
After a TWG review of SDMX–DPM similarities.

GOAL

A community deliverable
Open and maintainable — not a closed analysis.

Participating organisations

SDMX TWG

Technical Working Group ·
standard-setter

SDMX SWG

Statistical Working Group ·
standard-setter

BIS

Bank for International
Settlements · SDMX host

EBA

European Banking Authority ·
DPM owner

ECB

European Central Bank ·
consumes both standards

Banca d'Italia

Central bank · reporting
practitioner

Corefiling






XBRL ecosystem · vendor
perspective

Meaningful Data

Open-source SDMX & DPM
tooling

*Eight organisations · standard-setters, regulators, central banks and vendors
at the same table.*

What is **SDMX**, in one slide






-  Statistical Data and Metadata eXchange
-  Used by central banks and statistical agencies worldwide
-  **UML-based, syntax-neutral** information model
-  Serialised as SDMX-ML, SDMX-JSON, **SDMX-CSV**
-  Delivered through a **REST API** (pull model)

Examples of SDMX registries

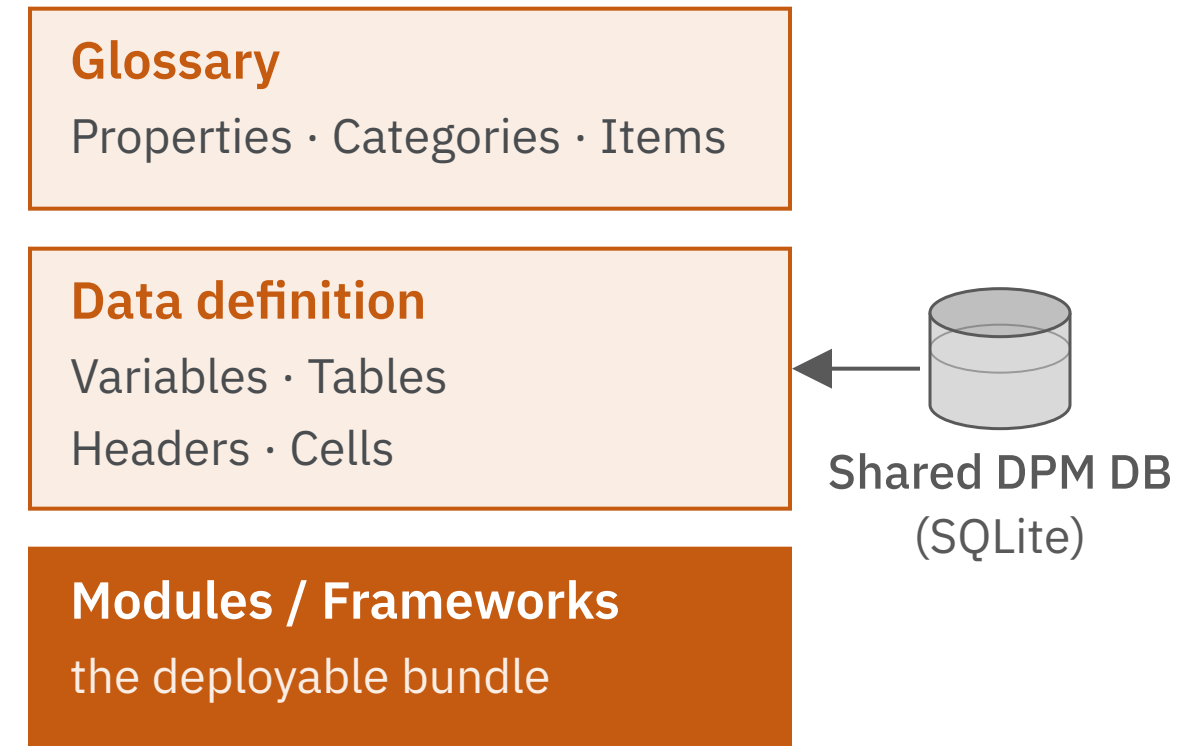
ECB European Central Bank data-api.ecb.europa.eu	BIS Bank for International Settlements stats.bis.org/api
Eurostat EU statistical office ec.europa.eu/eurostat/api/dissemination	OECD Economic Co-operation & Development sdmx.oecd.org/public/rest
IMF International Monetary Fund sdmxcentral.imf.org	ILO International Labour Organization sdmx.ilo.org/rest
INSEE French statistical office bdm.insee.fr/series/sdmx	UNICEF UN Children's Fund sdmx.data.unicef.org

SDMX is in many ways analogous to XBRL — a different methodology, stemming from a different initial business case.

What is **DPM**, in one slide

-  Data Point Model — European supervisory metamodel
-  Used by **EBA, EIOPA, ECB** to define what banks/insurers report
-  Published as a **shared database** (SQLite / Access)
-  First-class **rendering layer**: Table → Header → Cell
-  The model **behind the EBA / EIOPA XBRL taxonomies**

THE DPM STACK



Two methodologies — same agents, same regulators

SDMX

AnaCredit

ECB · EUROSISTEM

Granular credit and credit-risk data, loan-by-loan, collected from euro-area banks since 2018.

Multidimensional cube

SDMX 2.1 / 3.0

ECB registry

DPM

EBA Supervisory Reporting

EBA · NATIONAL COMPETENT AUTHORITIES

FINREP, COREP, resolution, remuneration — published as DPM, serialised as XBRL taxonomies.

Tables & cells

DPM 2.0 Refit

XBRL taxonomy

• SDMX + • DPM

IReF — Integrated Reporting Framework

ECB · ESCB · INDUSTRY STAKEHOLDERS

A harmonised reporting framework for euro-area banks, designed from the start to use **both methodologies** side by side.

SDMX

DPM

go-live phased through 2027–2029

THE POINT

Two methodologies that apply to the **same reporting agents** · and that are operated by the **same regulators** who collect the data.

Objectives and scope

Business case

01

Articulate value for regulators, reporting agents, vendors, standard-setters.

Model relationships

02

Artefact-by-arteft mapping between **SDMX 3.1** and **DPM 2.0 Refit**.

Transformation guidance

03

Bidirectional examples, including data-instance level (**SDMX-CSV** ↔ **XBRL-CSV**).

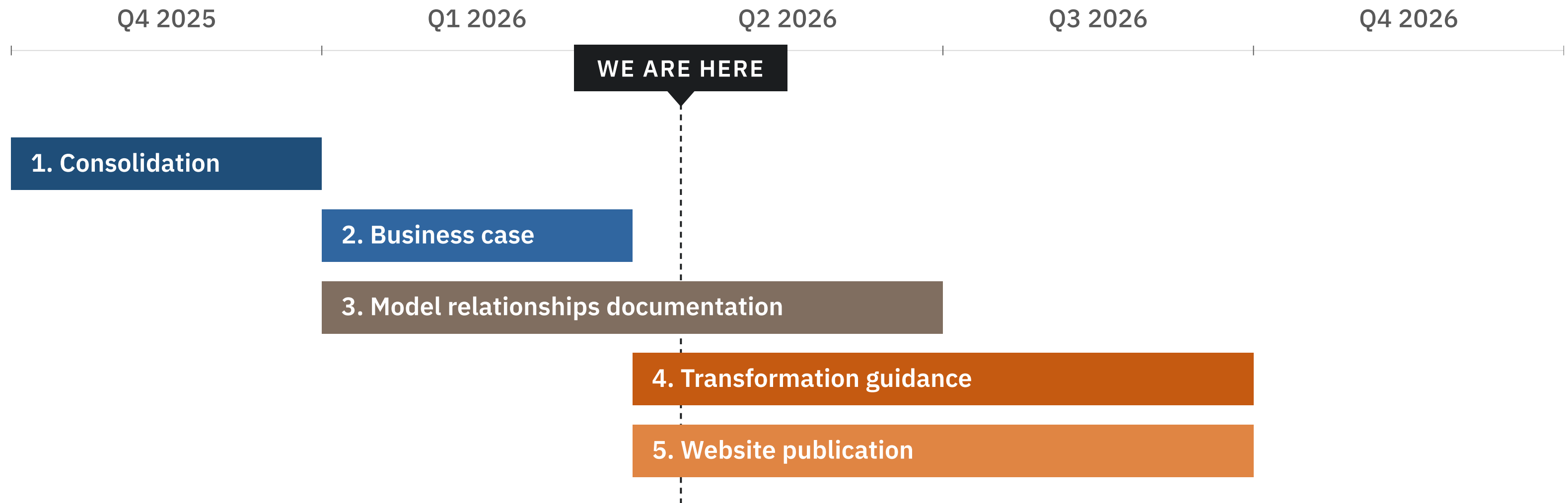
Public website

04

Open, community-readable, maintainable by TWG after handover.

Scope. Target versions: **SDMX 3.1** and **DPM 2.0 Refit**. XBRL appears only as the serialisation path for DPM content.

Five phases, Q4 2025 → Q3 2026



How we work, in numbers

12 meetings

SINCE KICK-OFF

10 Nov 2025 → 18 May 2026

2 weeks

CADENCE

45–60 minutes each, focused on a concrete draft

100% open

GITHUB-FIRST

Minutes, agendas and drafts public

Short focused meetings, async work in between, open trail for the community.

Business case

- Draft published — subject to revision as technical work surfaces edge cases

Four stakeholder groups

Named explicitly, with a tailored value proposition for each.

Three risks, named honestly

Mapping complexity

Version drift

Adoption

STAKEHOLDER

KEY BENEFIT

■ **Regulators / Supervisors**

Consistency, lineage, lower silos

■ **Reporting agents**

Lower compliance burden

■ **Software vendors**

"Write once, report everywhere"

■ **Standard setters**

Adoption, reduced friction

Model relationships, chapter by chapter

#	CHAPTER	SCOPE	STATUS
0	Basics	Architectural side-by-side · identification · ownership · access	● Published
1	Glossary	Concepts / Codelists / Hierarchies ↔ Properties / Categories / SubCategories / Compound Items / Super Categories	● Published, with detailed rules
2	Data definition	Dataflow + DSD ↔ Tables / Variables / Headers · flat vs non-flat · Modules	● First version, under review
3	Versioning & extensibility	SDMX explicit versions ↔ DPM release-based change log · virtual versions proposal	● Early draft
4	Gaps	Inventory of mismatches and recommended workarounds	● Early draft

Transformation guidance & demonstrator

From the concept note: document example conversion approaches and case studies — including a guide for **CSV reports interoperability**.

FROM DPM

EBA's DPM

supervisory reporting



TO SDMX

SDMX structures

DSDs · codelists · data

BUILT WITH — OPEN SOURCE



dpm-core

github.com/Meaningful-Data/dpmcore



pysdmx

github.com/bis-med-it/pysdmx

FROM SDMX

BIS & ECB metadata

selected datasets



TO DPM

DPM model

properties · categories · tables

A basis for enhancing the standards toward interoperability

Mapping the two models side by side surfaces concrete **friction points**. Some can be smoothed with workarounds; others point to **changes in the standards themselves**.



**EXPECTED
OUTCOME**

A set of **recommendations** to both standard-setters — targeted, scoped changes that would make the two ecosystems work better together.

Specific items are still under discussion within the work package and not public yet.

Thanks for your attention

WHERE TO FIND US

 github.com/sdmx-twg/wp-sdmx-dpm

Questions?