

Plans, Developments, Implementations involving SDMX

Name of Institutions
<p>European Central Bank (ECB) Eurostat OECD</p>
Name of Project / Development / Implementation
<p>Data sharing of national and financial accounts (also supporting government finance statistics)</p>
Summary Overview
<p>I. Data structure definition stream: With respect to the concepts, data structure definitions (DSD) and code lists involved, all three sponsoring institutions (and corresponding bodies, where relevant), have already agreed (November 2007) on a common approach for coding and representing national accounts data (and associated metadata) using the SDMX standards.</p> <p>II. Implementation streams: Two implementation streams (conceptually consistent) are in progress:</p> <ul style="list-style-type: none"> • National Accounts Data Collection Using SDMX-ML («NAWWE» project): The objective of this project (co-ordinated by the OECD) is to make participating countries' national accounts data easily shareable to the wider statistical community, notably international organizations. The approach is based on the "pull" approach (data sources make the data available on their web site using the SDMX-ML format, where user-institutions can pull them from). Link: http://stats.oecd.org/nawwe/ • ESA95 Revised Transmission Programme: this implementation corresponds to the reporting of national and financial accounts from the national statistical institutes (and national banks where relevant) to Eurostat and the ECB using SDMX compliant formats and technologies. It uses mainly the push approach and supports reporting (and batch dissemination) in SDMX-ML and SDMX-EDI. (Note: a "pull" based pilot is also run, in parallel, by Eurostat).
Data coverage
<ul style="list-style-type: none"> - National accounts aggregates - Institutional Sector Accounts and Balance Sheets - Financial Accounts - Government finance statistics - Supply and Use tables and Input Output Tables - Regional Accounts
Countries and institutions

involved in exchange and sharing of data and metadata

- **NAWWE implementation:** is co-ordinated by the OECD. Participating countries: Australia, Canada, Mexico, New Zealand, US, The objective is to ease the data reporting of countries and make it less error prone, to make participating countries' national accounts data easily shareable with the wider statistical community, notably international organizations. The approach is based on the "pull" approach (source institutions make the data available on their web site using the SDMX-ML format).
- **ESA95 Revised Transmission Programme:** it is co-ordinated by Eurostat and the ECB with the active involvement of all their partner institutions in the European Statistical System (ESS) and the European System of Central Banks (ESCB), i.e. the national statistical institutes and central banks respectively (mainly, as data providers and data users, respectively).

Use of SDMX Technical Standards and Content-Oriented Guidelines* e.g. cross-domain concepts, subject matter domains, common vocabulary

Subject matter oriented concepts, data structure definitions (DSDs), code lists: compliant with the SDMX information model; in the current version, there is an extensive use of content (e.g. cross-domain concepts and code lists) that has been already in production and use before.

Recommended (by SDMX) cross-domain concepts and corresponding code lists are broadly used.

Subject matter domain: 2.2 Economic accounts, 2.4 Sectoral statistics, 2.5 Government finance, fiscal and public sector statistics, 3.2 Regional and small area statistics

For further details concerning the DSDs, please contact the sponsoring institutions.

Use of SDMX Technical Standards* e.g. formats, architecture

SDMX-ML, SDMX-EDI, Registry.

Use of information technologies e.g. web services, web feeds, application servers, open source software

"Push", "pull", Web services.

Timetable

- **NAWWE:** Pilot use by Australia, Canada, Mexico, New Zealand, US. Full scale implementation (with at least some countries) targeted for 2007.
- **ESA95 New Transmission Programme:** Implementation during 2008.

Contact for further information and comments

- **NAWWE:** russell.penlington@oecd.org
- **ESA95 New Transmission Programme:**
Eurostat: ESTAT-SDMX@ec.europa.eu
ECB: statistics@ecb.europa.eu

Website of institution(s)

<http://ecb.europa.eu> , <http://ec.europa.eu/eurostat>
<http://www.oecd.org> , <http://stats.oecd.org/nawwe/>

* Please see www.sdmx.org for more details about SDMX Technical Standards (ISO/TS 17369) and Content-Oriented Guidelines.