



EUROPEAN CENTRAL BANK

EUROSYSTEM

SDMX including Global DSDs

- Latest Developments -

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Chair of the SDMX Sponsors

Global Conference on the G-20 Data Gaps Initiative

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- **What is SDMX?**
- **Why SDMX?**
- **SDMX Global DSDs**
- **SDMX Global Registry**
- **Next steps**

The Statistical Data and Metadata eXchange (SDMX)

- SDMX is an initiative to foster standards for the exchange of statistical information.
- SDMX sponsored by seven International & Supranational Organisations (ISOs):
 - BIS - ECB - EUROSTAT - IMF - OECD - UN - World Bank
- The implementation of SDMX is supported by the United Nations Statistical Commission (UNSC) and the Committee for the Coordination of Statistical Activities (CCSA)

SDMX is the IT foundation of the official global Statistical Information System (SIS)

- It enables to establish an industrial production process for the SIS among National Statistical Authorities and ISOs
- It allows “computer-to-computer” interaction when new statistics become available
- It suggests some minimum coordination on the business processes among ISOs driven by merits and costs

Vision

- Empower an official global Statistical Information System (SIS) applying SDMX with harmonised data structure definitions where National Statistical Offices and Central Banks and International Organisations (IOs) publish on their websites free of charge comparable macroeconomic statistics and indicators in English.

Objective

- A Global Reference Database for economic and financial data
 - Model of the Principal Global Indicators website
 - Not competing with databases of IOs but complementing
- Key to support multilateral macroeconomic surveillance and global financial stability:
 - Mutual Assessment Process (MAP)
 - Macroeconomic Imbalances Procedure (MIP)

National Statistical Authorities are at the centre

- ultimate responsibility for providing SDMX web-based statistics, indicators and metadata for their country.

ISOs - SDMX Sponsors

- Develop standards with the objective to achieve comparability
 - Develop international statistical standards (SNA, BPM6)
 - harmonised reporting templates
 - Common codification for the reporting templates
 - publication standards (e.g. SDDS)

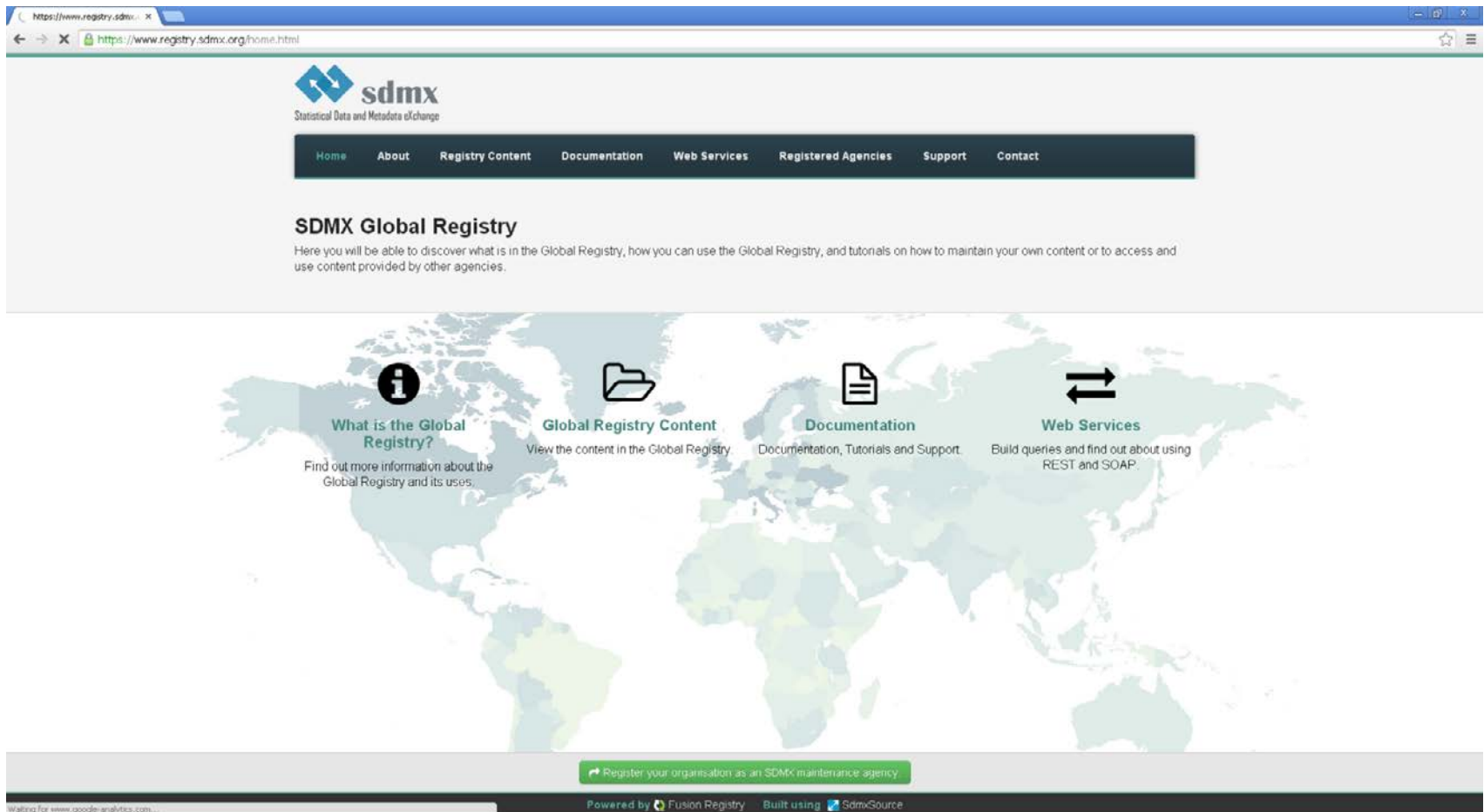
- The representation of statistical data in SDMX requires the development of a Data Structure Definition (DSD)
- Global DSDs for Balance of Payments, Foreign Direct Investment and National Accounts have been developed to support the world-wide technical implementation of BPM6 and SNA2008 statistical standards
 - BOP and FDI => Steering group from ECB Eurostat and OECD
 - National Accounts => ECB, Eurostat, IMF, OECD
- Design phase completed in March.

- Activities for all DSD's merged in one Ownership Group for NA, BOP and FDI
 - ECB, Eurostat, IMF, OECD, UN are members. BIS and IBRD follow
- Go live in September 2014 for NA and November 2014 BOP/FDI DSDs
 - International data sharing task force pilot exercise
 - NA reporting to ECB, Eurostat and OECD
 - BoP/FDI reporting to ECB and Eurostat in the EU

- The SDMX Global Registry (SGR) is the central reference point and authoritative source for SDMX global data structure definitions (DSDs), cross-domain concepts and code lists (starting with BPM6 and SNA2008).
- The SGR will host other SDMX data structure definitions and artefacts.
- The SGR can be developed into a global portal for SDMX structural data and metadata, providing not only information about how statistical information is structured, but also where the related data can be accessed.

The SDMX Global Registry went live on March 26th 2014.

<https://registry.sdmx.org/home.html>



The screenshot shows the homepage of the SDMX Global Registry. At the top, there is a navigation menu with links: Home, About, Registry Content, Documentation, Web Services, Registered Agencies, Support, and Contact. Below the menu, the main heading is "SDMX Global Registry" followed by a brief description: "Here you will be able to discover what is in the Global Registry, how you can use the Global Registry, and tutorials on how to maintain your own content or to access and use content provided by other agencies." The central part of the page features a world map with four callout boxes: "What is the Global Registry?" (with an information icon), "Global Registry Content" (with a folder icon), "Documentation" (with a document icon), and "Web Services" (with a double-headed arrow icon). Each box contains a short description of the respective section. At the bottom, there is a green button that says "Register your organisation as an SDMX maintenance agency". The footer includes the text "Powered by Fusion Registry" and "Built using SdmxSource".

- Governance of Global DSDs
 - Maintenance protocol with SDMX-Sponsors
 - start regular maintenance cycle in 2015
 - Yearly review for minor changes
 - More substantial adjustments for changes in methodology less frequent
- Increase the number of global DSDs, if and where needed
- Add proprietary DSDs (possibly)
- Add in the SDMX Registry information on where the related statistical data can be accessed

Thank you for your attention.