



SDMX Global Conference 2025

Smarter Data for Better Insights

Panel Discussion I

SDMX CAPACITY BUILDING

Moderator: Louis K. Kouakou (AfDB)

Panel Discussion I: SDMX Communities

Panelists

Jonathan CHALLENGER (OECD)

Abdulla GOZALOV (UNSD)

Niall O'HANLON (IMF)

Stefan SCHIPPER (Asian Development Bank)

Panel Discussion I: SDMX Capacity building

Survey

What is the single most important need for your organization to advance SDMX adoption?





SDMX Global Conference 2025
Smarter Data for Better Insights

Panelist Interventions



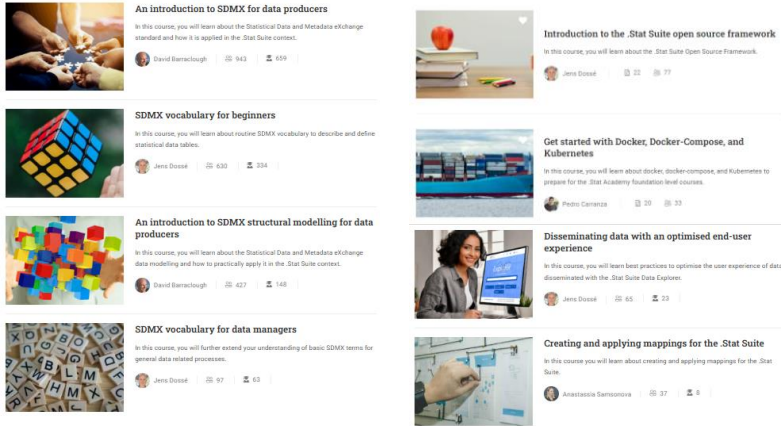
Panel Discussion I: SDMX Capacity building

OECD's approach to SDMX capacity building
(unique focus, challenges, success stories)

Jonathan CHALLENGER



Panel Discussion I: SDMX Capacity building



1250+ Learners

1350+ Certifications

**150+ Countries reached
In SDMX data modelling**



**Open Knowledge Building
is a foundation**



**Learning paths designed to
build knowledge and skills
over time**

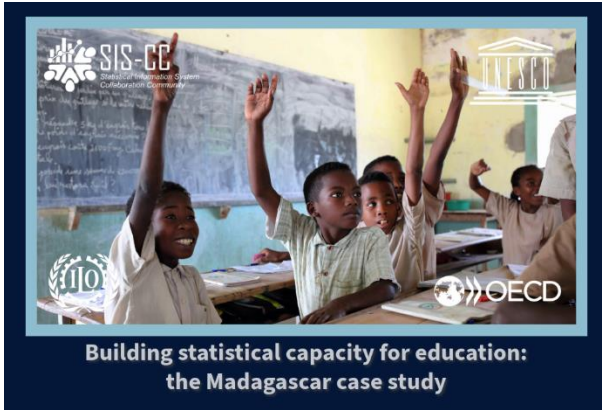
**Deliver high quality and
relevant self-paced, online
learning content**

***SDMX (meta)data modelling
and the AI-Readiness nexus***

**Simplify the learning of SDMX
(meta)data modelling**

**Embrace AI-based adaptive
learning techniques**

Panel Discussion I: SDMX Capacity building

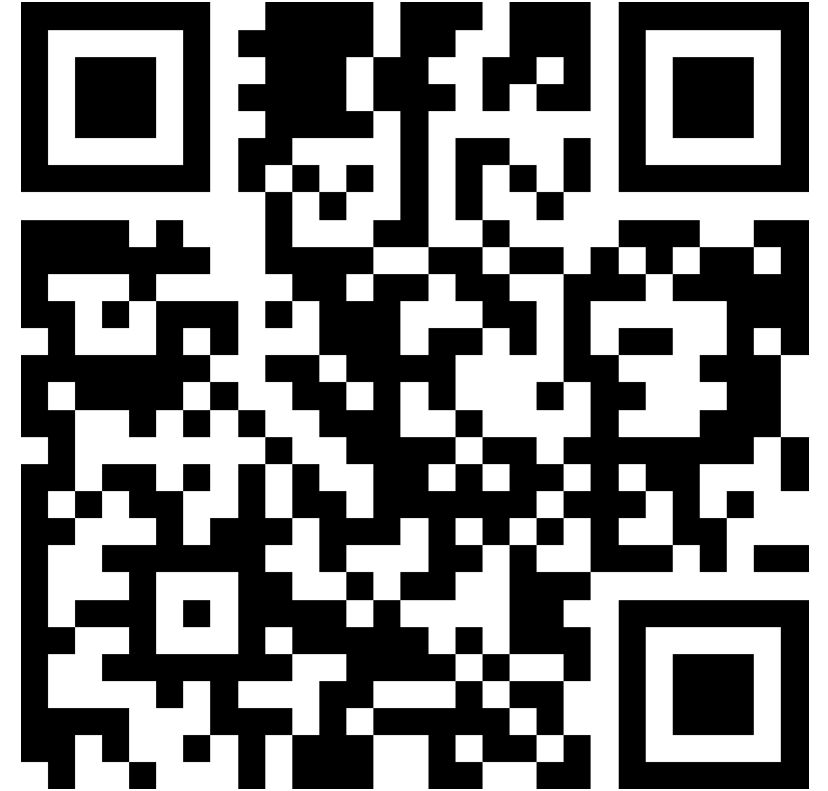


Online learning has served as a prerequisite for several technical assistance projects and capacity building events that would otherwise be impossible to achieve with traditional approaches.

Panel Discussion I: SDMX Capacity building

UNSD's approach to SDMX capacity building
(unique focus, challenges, success stories)

Abdulla GOZALOV



Panel Discussion I: SDMX Capacity building

- Extensive capacity building for National Statistical Offices of developing countries
- Focus on global development initiatives: Millennium Development Goals (MDGs) in 2000-2015, Sustainable Development Goals (SDGs) from 2015-2030
- Focus on the needs and circumstances of each country
- Focus on partnerships with international agencies

Panel Discussion I: SDMX Capacity building

- Challenges
 - Complexity of global development indicator frameworks
 - High turnover of personnel at National Statistical Offices
 - Lack of long-term data dissemination strategies at some offices
 - Shortage of resources
- Success stories
 - Establishment of dissemination platforms in many developing countries: both SDG-specific and general-purpose
 - Improved data management, exchange, and dissemination
 - Efficient use of resources among international partners
 - Contribution to the development of the SDMX standard based on lessons learned

Panel Discussion I: SDMX Capacity building

IMF's approach to SDMX capacity building (unique focus, challenges, success stories)

Niall O'HANLON



Panel Discussion I: SDMX Capacity building

Making Data AI-ready

Enhancing the accessibility and serviceability of member countries' macroeconomic and financial statistics



**Data Governance
and Statistical
Business Processes**



Data Management



**Data Modeling and
Dissemination**

- ☐ Demand driven engagement
- ☐ Initial requests most likely for assistance with enhanced data dissemination
- ☐ In many cases this will also trigger support for data governance and management to ensure sustainable infrastructures and processes are in place

Panel Discussion I: SDMX Capacity building

ADB's approach to SDMX capacity building (unique focus, challenges, success stories)

Stefan SCHIPPER



Panel Discussion I: SDMX Capacity building

Data Division | Economic Research and Development Impact Department



ADB's SDMX Capacity Building Support

NEEDS ASSESSMENT

ADB ECONOMY ASSESSMENT SURVEY



CAPACITY DEVELOPMENT

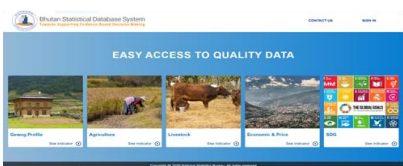
Thailand Statistic Sharing Hub



Samoa Stat Portal



Bhutan Social Economic Data



ONLINE TRAINING

SDMX Foundation Course



SDMX Tools Course



KNOWLEDGE PRODUCTS

NO. 336 FEBRUARY 2023 ADB BRIEFS

KEY POINTS

- Statistical Data and Metadata eXchange (SDMX) is an ISO standard aimed at defining and standardizing the exchange of statistical data and metadata, as well as enhancing the efficient sharing of information among various organizations.
- Adoption of SDMX improves data quality and efficiency. The implementation of SDMX reduces manual data processing and error while promoting automation in data collection, processing, and reporting.
- SDMX is rapidly gaining momentum. It is fast becoming a driving force in standardizing data collection and processing, with over 100 national statistics offices and central banks already using the standard.
- SDMX has broad applicability. SDMX principles are also applicable to a wide range of nonfinancial statistical indicators published by governments and international organizations.
- Capacity building is essential to successful SDMX implementation. It is important to provide accessible and user-efficient training to equip data producers and users with the skills to apply the standard effectively.

Making Data Easily Accessible: Leveraging Statistical Data and Metadata eXchange

Brian Buffett
Consultant
Asian Development Bank (ADB)

Jeffrey Napoles
Consultant
ADB

Stefan Schipper
Senior Specialist
ADB

Patricia Lapitan
Statistical Officer
ADB

THE ORIGINS OF FUNDAMENTAL STATISTICAL PRINCIPLES

Statistics play a pivotal role in planning and international development.

The need for an international standard for statistical data and metadata exchange has been recognized for decades.

Now, the work of the International Organization for Standardization (ISO) is being implemented.



ENHANCING DATA MANAGEMENT THROUGH THE STATISTICAL DATA AND METADATA EXCHANGE STANDARD
A SPECIAL SUPPLEMENT OF THE KEY INDICATORS FOR ASIA AND THE PACIFIC 2024

AUGUST 2024

ASIAN DEVELOPMENT BANK

ADB



Solving Complex Challenges Together

Panel Discussion I: SDMX Capacity building

Survey

what type of support would benefit you most?





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Moderated Discussion



Audience Engagement(Q & R)

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Closing