



# SDMX Global Conference 2025

## Smarter Data for Better Insights

### Panel Discussion II SDMX Communities

Moderator: Ana Padrão (ECB)

# Panel Discussion II: SDMX Communities

## Panelists

Eric Anvar (OECD) – SIS-CC

Rafael Schmidt (BIS) – sdmx.io

Momar Kouta (AfDB) – Open Data for Africa

Marek Sturc (Eurostat) – European Statistical System (ESS)

# Panel Discussion II: SDMX Communities

## Survey

In what communities do you participate?

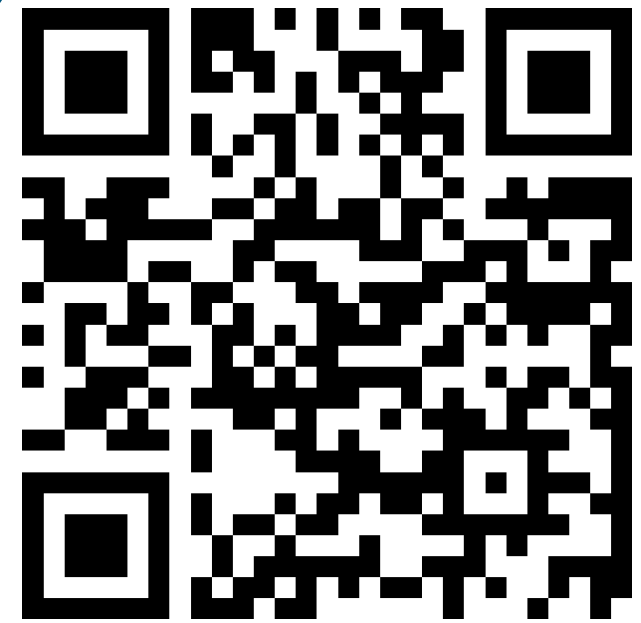
What benefits do communities offer?

What works well?

What would work better?

**Self-paced survey** open until October 9

Results published after the Conference



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# Panel Discussion II: SDMX Communities

Eric Anvar (OECD)  
SIS-CC

# THE STATISTICAL INFORMATION SYSTEMS COLLABORATION **COMMUNITY**



المركز الاتحادي  
للتنافسية والإحصاء  
FEDERAL COMPETITIVENESS  
AND STATISTICS CENTRE



Statistics  
Canada

Statistique  
Canada



Centraal Bureau  
voor de Statistiek



Food and Agriculture Organization  
of the United Nations



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

**STATEC**



إحصائيات تونس  
STATISTIQUES TUNISIE



Pacific  
Community  
Communauté  
du Pacifique

Département fédéral de l'intérieur DFI  
Office fédéral de la statistique OFS



UK Data Service



Eurosystem



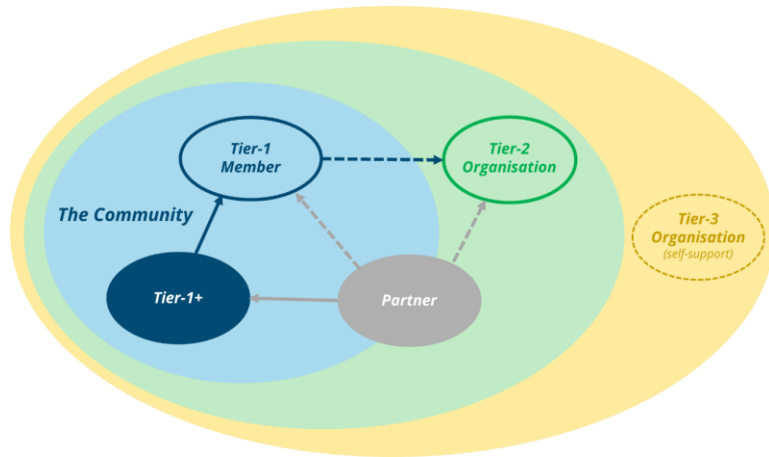
Tataramanga Aotearoa



**OECD**  
BETTER POLICIES FOR BETTER LIVES

SIS-CC (“the Community”) is a reference open-source community for official statistics, focusing on product excellence and delivering concrete solutions to common problems through **co-investment and co-innovation**.

# INCLUSIVE ECOSYSTEM



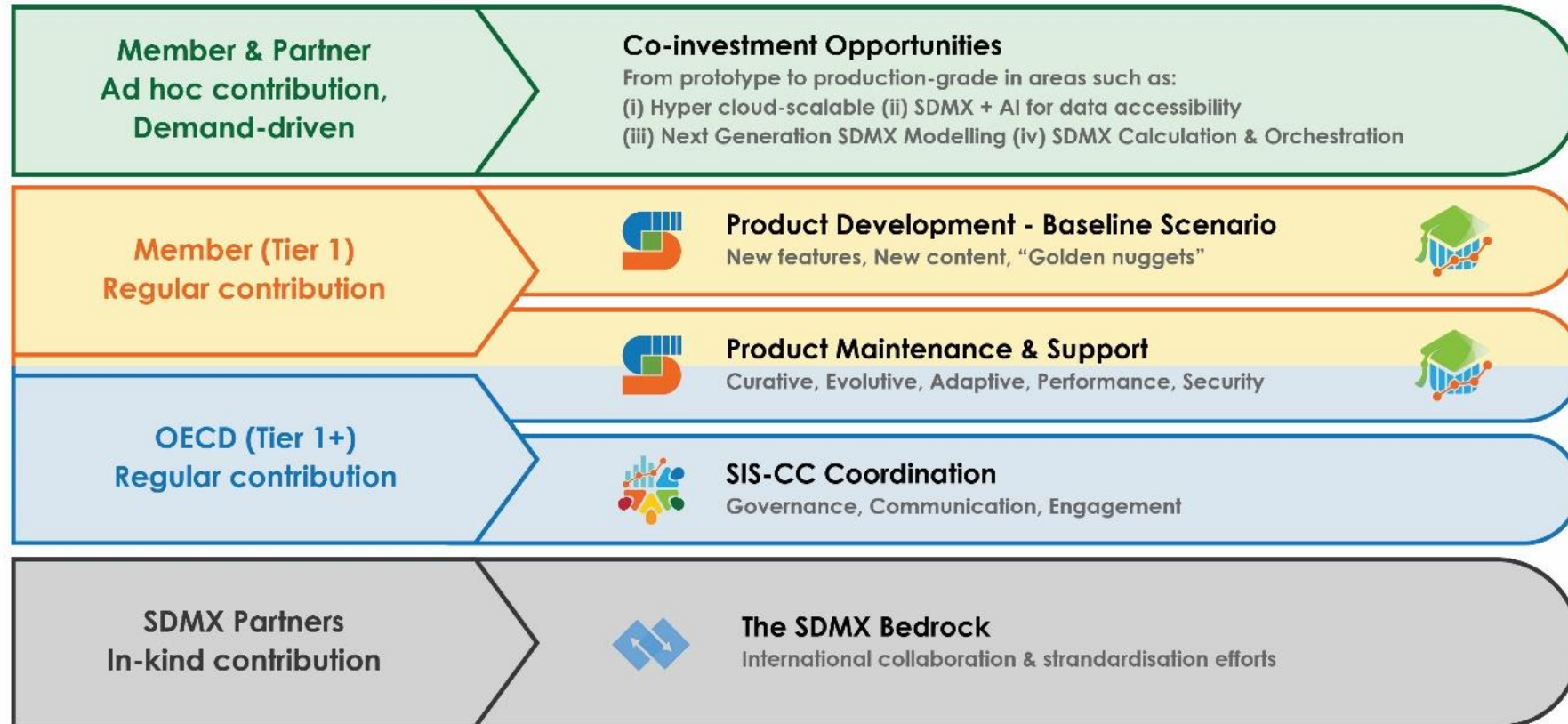
## MULTI-TIER MODEL



## CAPACITY BUILDING

## GLOBAL PARTNERSHIPS

# COMMUNITY-DRIVEN FUNDING MODEL



# Panel Discussion II: SDMX Communities

Rafael Schmidt (BIS)  
sdmx.io





# PANEL DISCUSSION II: SDMX COMMUNITIES

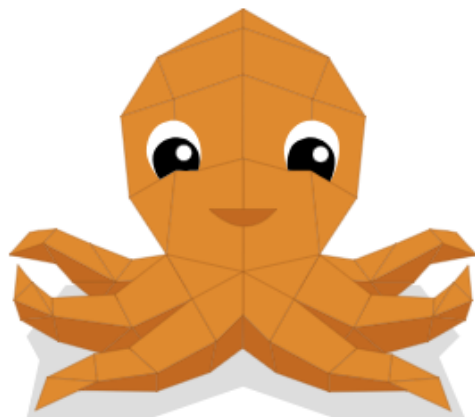
Rafael Schmidt (BIS), 10th SDMX GLOBAL CONFERENCE

## Why Are SDMX Communities Important?

- Fosters collaboration among organisations.
- Enable sharing of knowledge, problem solving, best practices and innovation.
- Brings together data compilers, data consumer, technical experts, etc.
- Influences SDMX standard evolution.

**sdmx.io** – *sharing SDMX software as public good* (originated from BIS' OpenTech initiative)

- Strengthen the SDMX ecosystem by providing accessible tools.
- Lower barriers to entry for organisations new to SDMX.
- Encourages innovation through open-source contributions and community-driven projects.
- Reduce duplication of effort. Create co-investment opportunities.
- Provide a platform for feedback, troubleshooting and continuous improvement.
- Enhance transparency and trust in official statistics.



## Solutions for official statistics use cases

sdmx.io is not a single project but an ecosystem of open source tools, patterns, guidance, learning materials and other resources like pre-configured containerised environments that make the software quick and simple to deploy.



### Data domain modelling

Model data domains using the SDMX information model



### Data collection

Efficiently collect data from multiple providers



### Statistics production

Repeatable and systematic metadata-driven statistics production



### Statistics dissemination

Publishing statistics that are discoverable, understandable and consumable

## sdmx.io: Who is it for?

### **For data Domain modellers and metadata managers**

Software tools for designing,  
optimising and maintaining statistical  
data domain models.

Community-maintained reference  
library of SDMX structural metadata  
artefacts.

### **For statisticians, data collectors, data reporters and data publishers**

Flexible data processing tools and  
integrations for data validation, data  
transformation (mapping) and  
converting data between  
transmission formats.

### **For IT departments and technical specialists**

Patterns and resources to guide and  
simplify the deployment, support and  
maintenance of software tools from  
the sdmx.io ecosystem.

# Panel Discussion II: SDMX Communities

Momar Kouta (AfDB)  
Open Data for Africa





# AFRICA INFORMATION HIGHWAY

**Empowering and connecting Africa's data  
community for greater collaboration,  
innovation, and impact**



## Key Activities



## Objectives

### Facilitating public access to official statistics

Unlock the power of data for everyone.

### Using international standards

Guarantee trusted, high-quality, and comparable statistics.

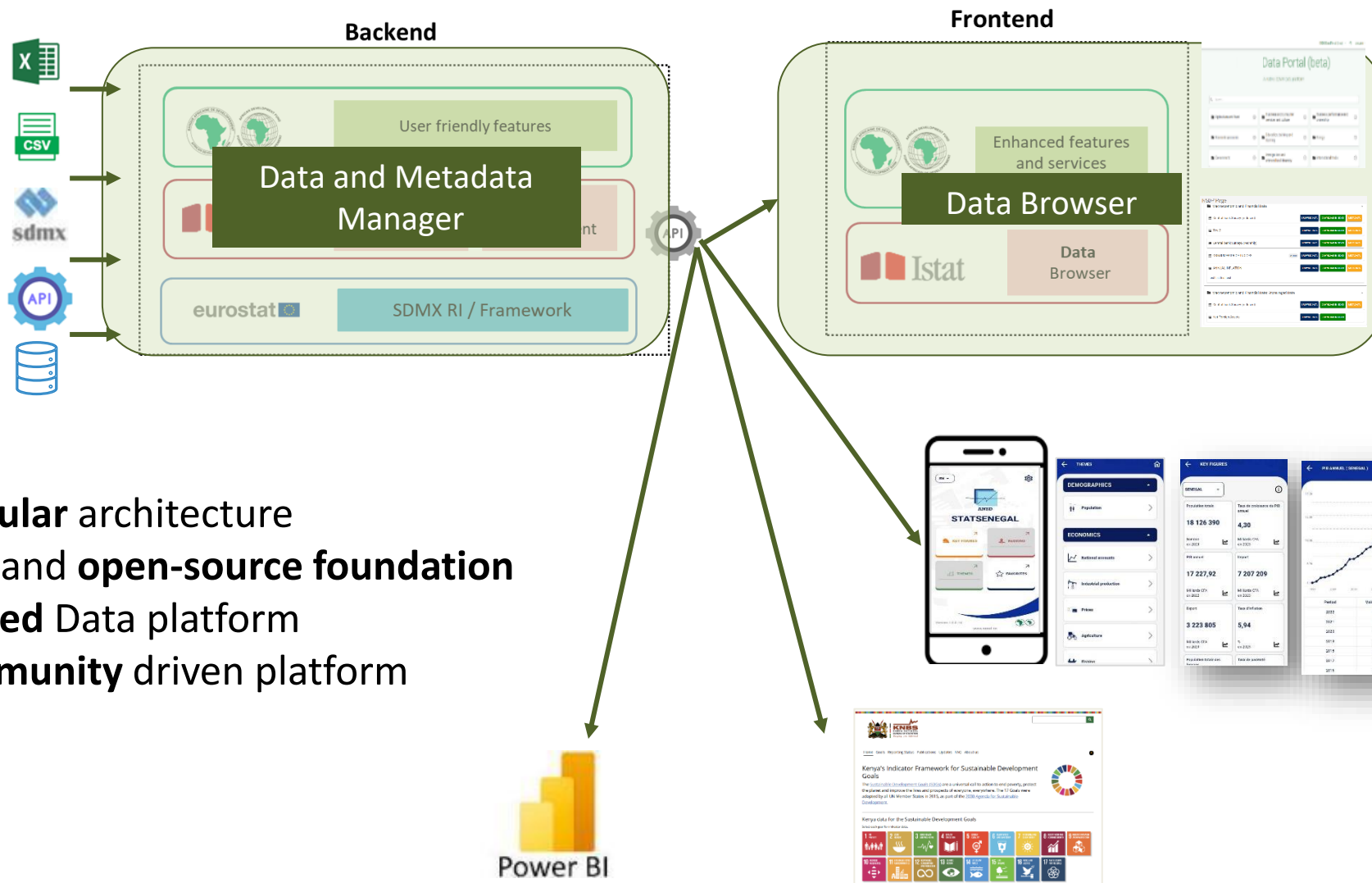
### Enhancing data openness and transparency

Build trust through open and transparent data sharing.

### Empowering official statistics ecosystem

Boost the capacity and impact of data-driven institutions.

# Open Data Platforms: Africa's One-Stop Hub for Development Data

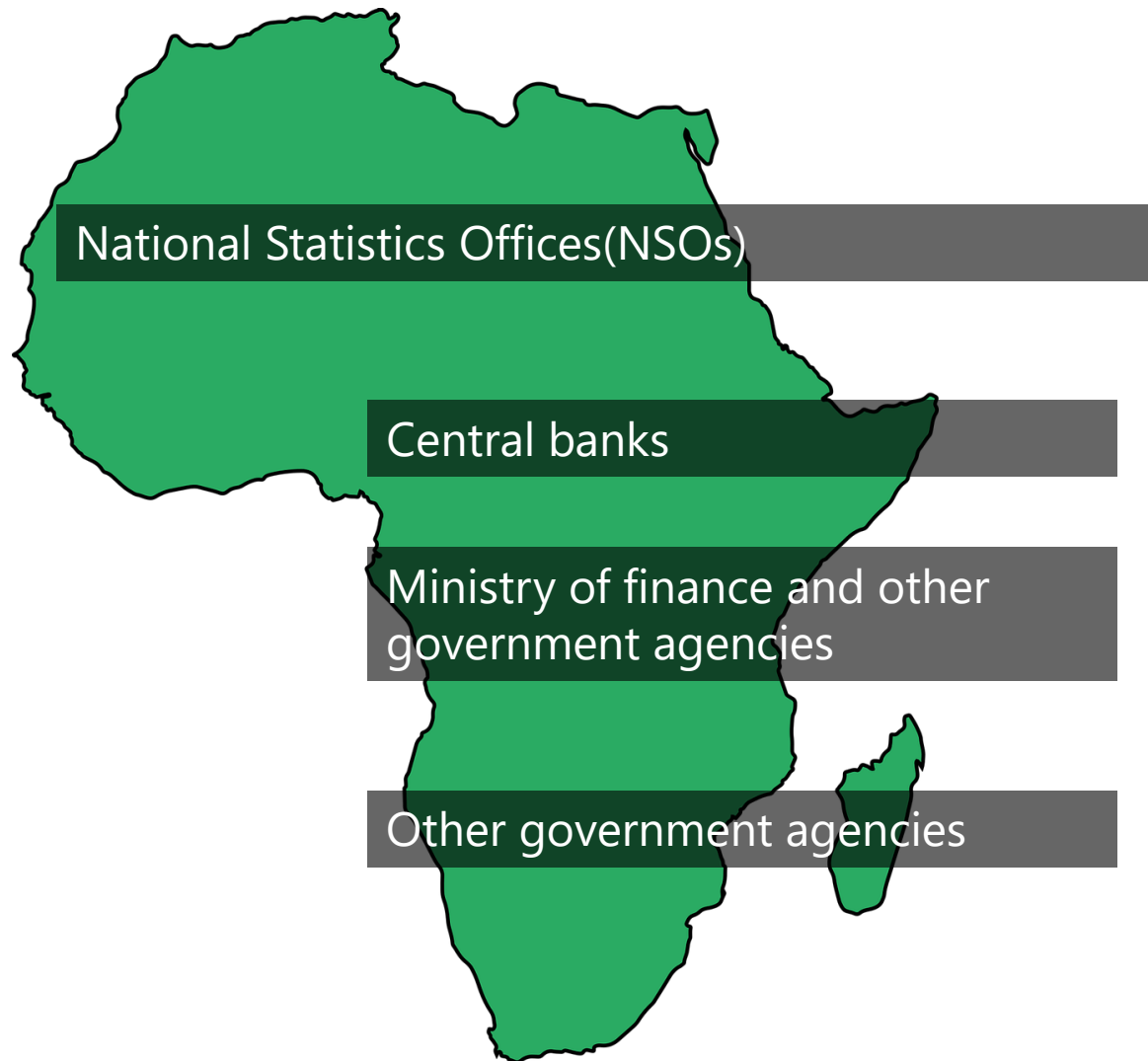


- **Modular** architecture
- **Free and open-source** foundation
- **Unified** Data platform
- **Community** driven platform

Open Data Platforms (ODP) are essential for making data more accessible and usable across Africa, driving innovation, transparency, and informed decision-making



# ODP 2.0: A catalyst for strengthening Africa's data community



**Regional economic communities (RECs)**

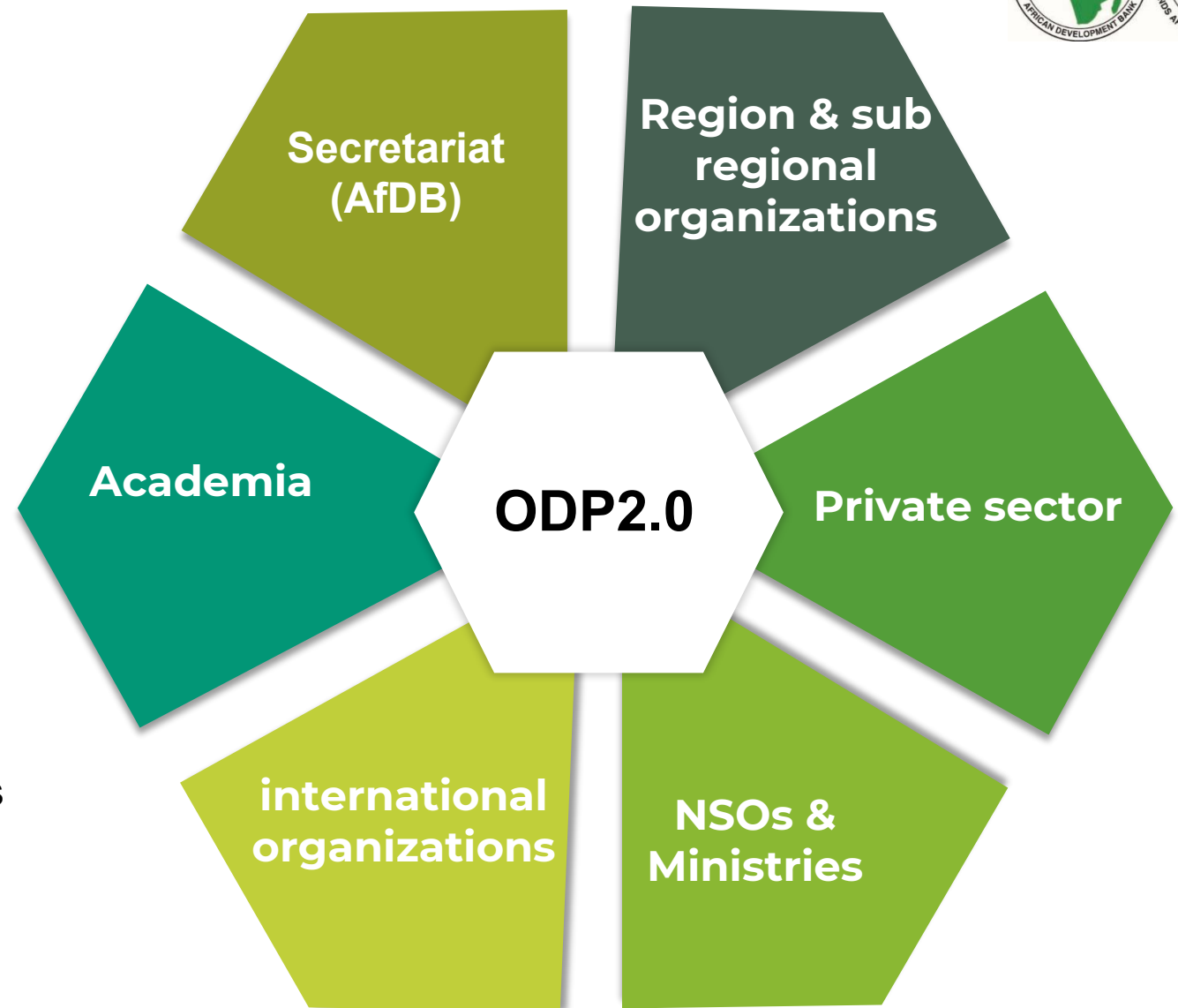
**Pan African Institutions**

**International organizations**

# Pan-African Data Sharing Community



- **Endorsed by the coDGs** at the 18th session in Banjul (December 2024).
- **Built around ODP 2.0** as the central framework.
- **Serves as a dynamic platform** for:
  - Knowledge sharing.
  - Data and metadata implementation.
  - Capacity building.
- **Strategic objective:** Strengthening Africa's data ecosystem to be **AI-ready**.



# Panel Discussion II: SDMX Communities

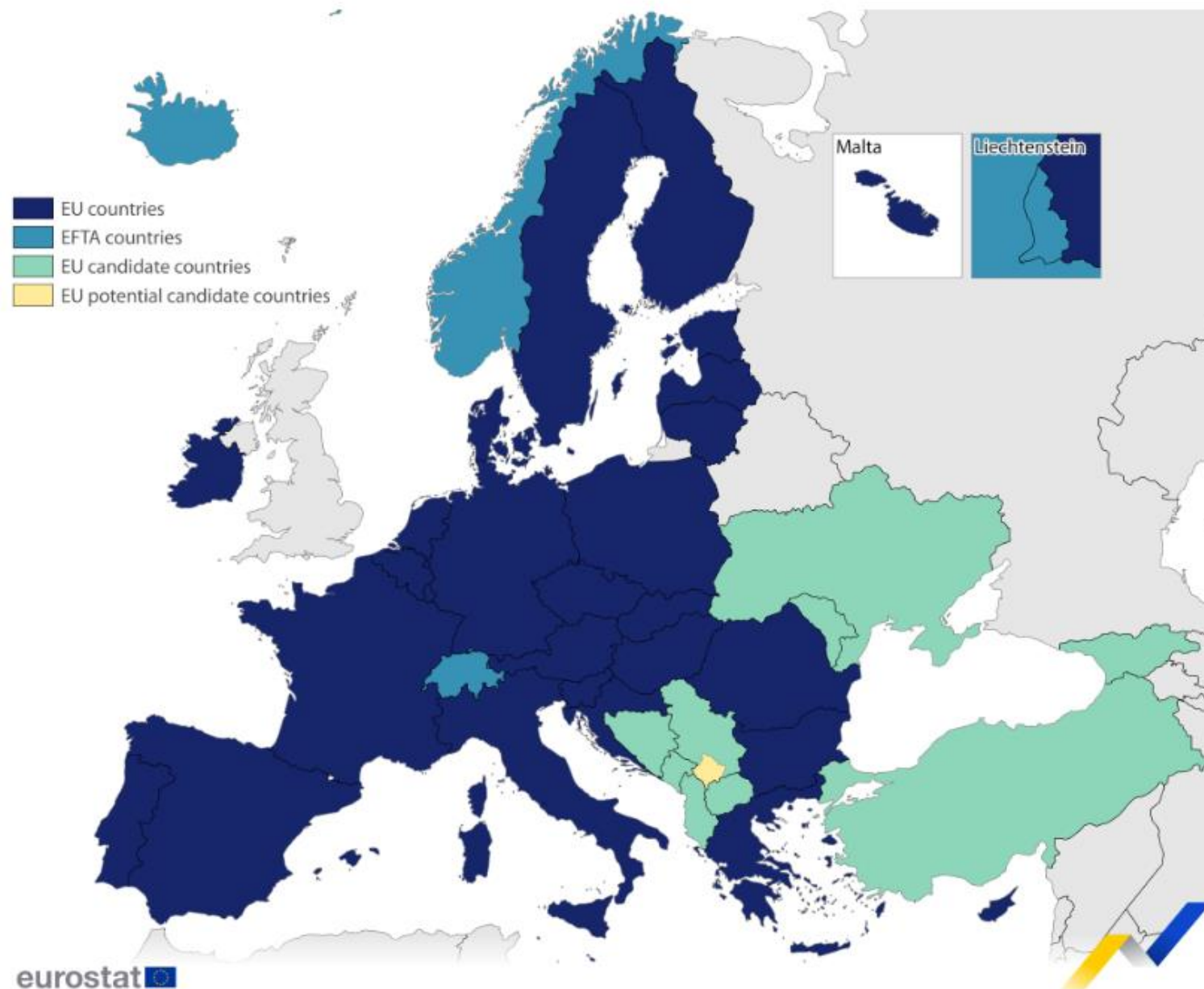
Marek Sturc (Eurostat)  
European Statistical System

## EU, EFTA, EU candidate and EU potential candidate countries



EUROPEAN  
STATISTICAL  
SYSTEM

eurostat 



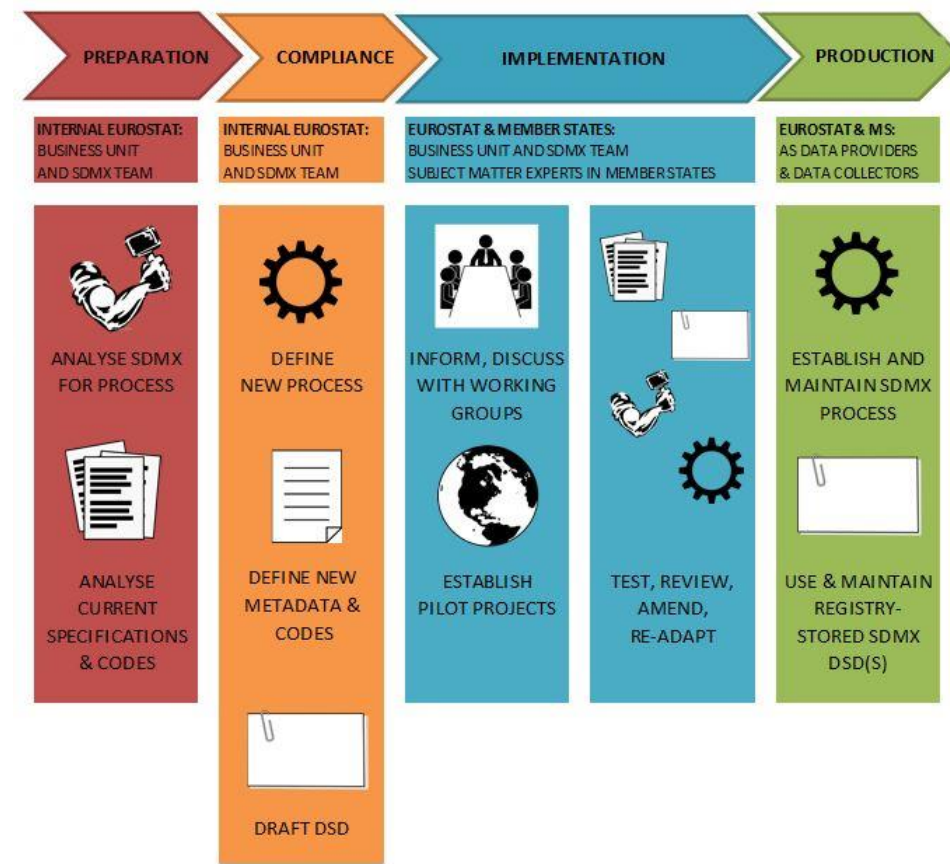
eurostat 

EFTA countries, candidate countries and potential candidate countries according to the latest available bilateral agreement. This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.

Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat  
Cartography: Eurostat – IMAGE, 10/2024

# Eurostat & SDMX

- Technical support and tools
- Training and capacity building
- Implementation in statistical productions
- For regulated datasets, 86% is in SDMX compliant



# Collaborative framework for data & metadata

- **Strong legal mandate** to receive data from reporting countries
- **Dissemination is free** - all our data and tools are free for commercial and non-commercial purposes
- **Multiannual financial framework** establishes priorities and allocates budget for statistics
- Developing **standards** and ensuring **harmonisation** for data, metadata, their quality as well as for processes
- **ESS Innovation Agenda & ESS Innovation Network**

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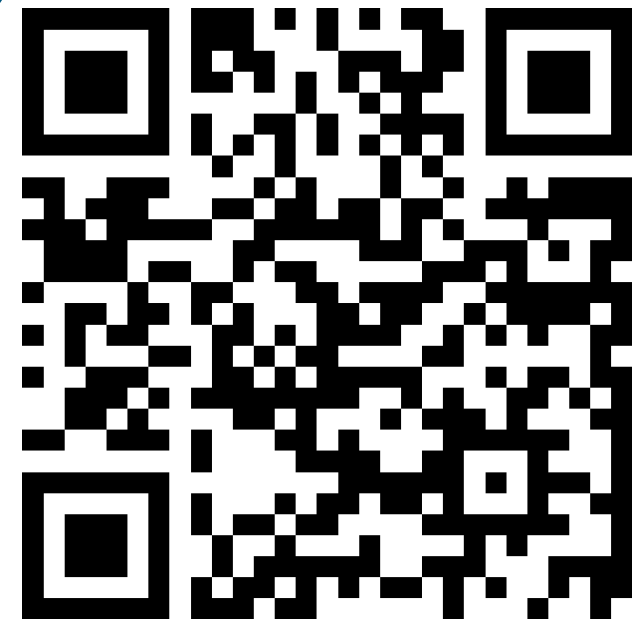
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