

# Strengthening the adoption of data and metadata standards

The African Development Bank's efforts in  
enhancing statistical infrastructure for sustainable  
development across Africa



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# AIH: Context & Objectives

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 AfDB



## 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.

# AIH: Components

## Data Innovation

Drives creative data solutions to boost informed decision making in Africa



## Open Data Platforms

Provide centralized access to a wide range of data resources for the public and policymakers



## SDMX

Promote the use international data and metadata standard



# Data & Metadata Standards: Facilitating data sharing and interoperability for evidence-based policy



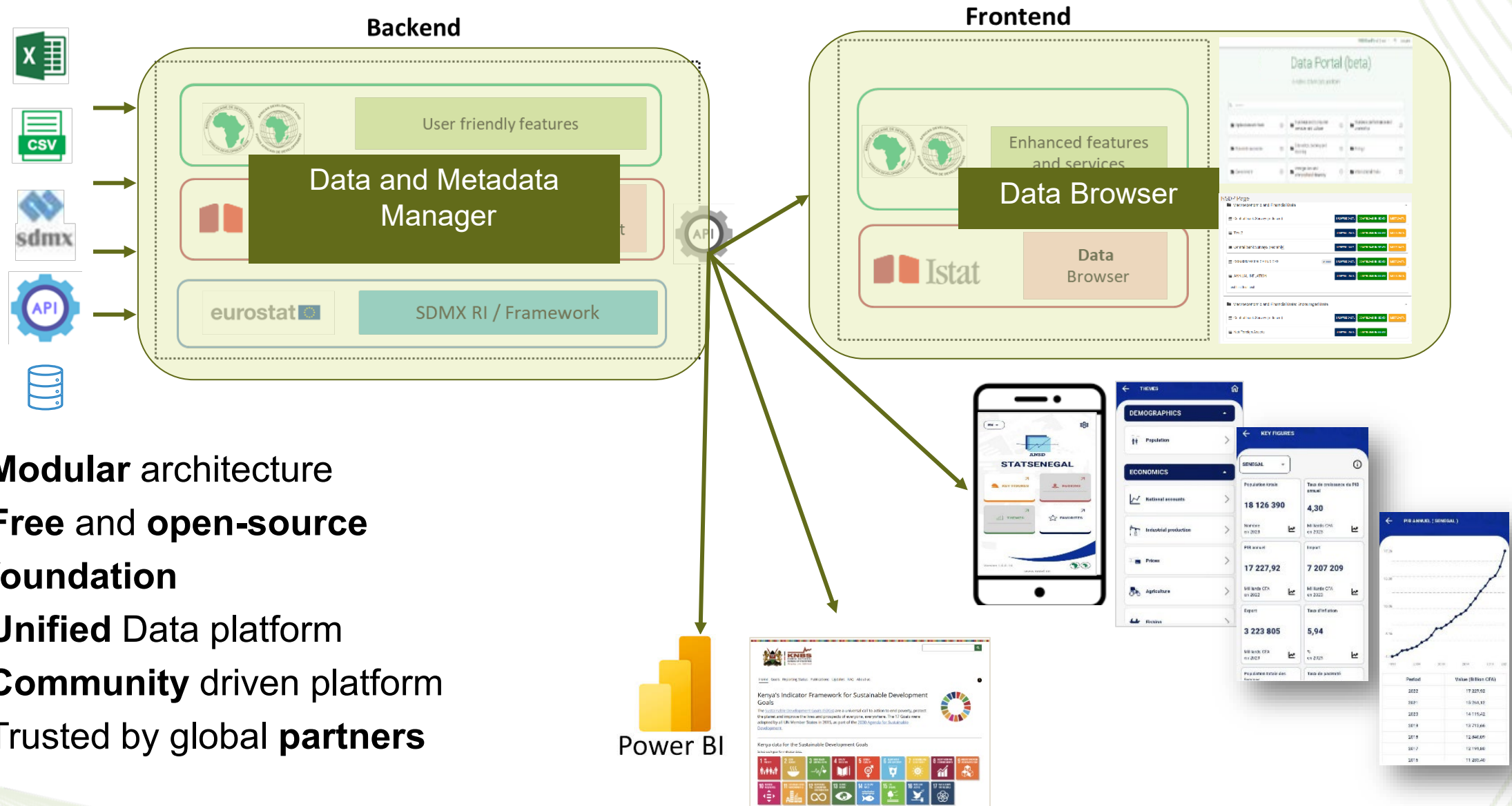


# Why Metadata Matters

- **Discoverability and reuse:** Makes data easy to find (catalogs, tags, indexes).
- **Trust & quality:** Ensures reliability by documenting source and context.
- **Interoperability:** Standardized descriptions enable data sharing across systems.
- **Governance:** Tracks ownership, rights, and compliance with policies.
- **Innovation:** Powers analytics, AI, and dashboards for decision-making.

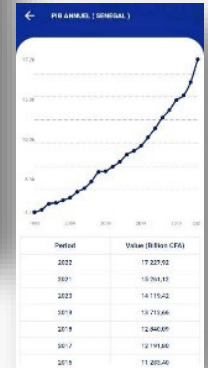
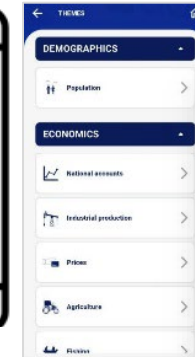


# ODP 2.0: SDMX Multi-Purpose Data Platform



- **Modular** architecture
- **Free and open-source** foundation
- **Unified** Data platform
- **Community** driven platform
- Trusted by global **partners**

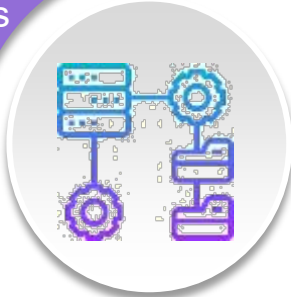
Power BI



# SDMX Native Platforms – Key Benefits

## Seamless data sharing

- Seamless data exchange
- Automated synchronization
- Interoperability across systems
- Efficient data reporting



## Improved collection

- Integration with multiple Data sources and formats
- Automated data Retrieval



## Enhanced accessibility

- Unified Access Point (Data hub)
- Seamless connectivity and multi systems integration
- Data exploration and visualization
- Standardized & open data formats + metadata



# ODP 2.0 in Action: Technical assistance to Central Banks and revenue services



South African Reserve Bank

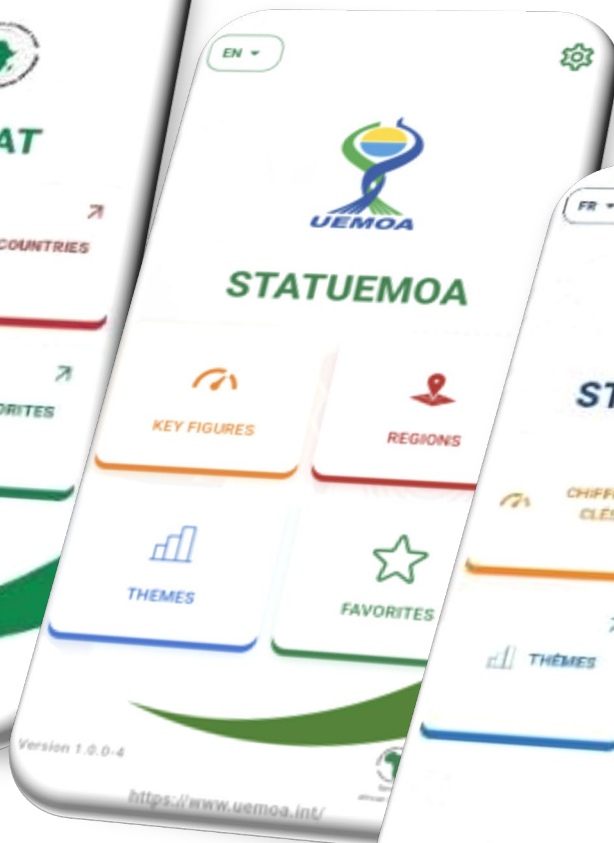
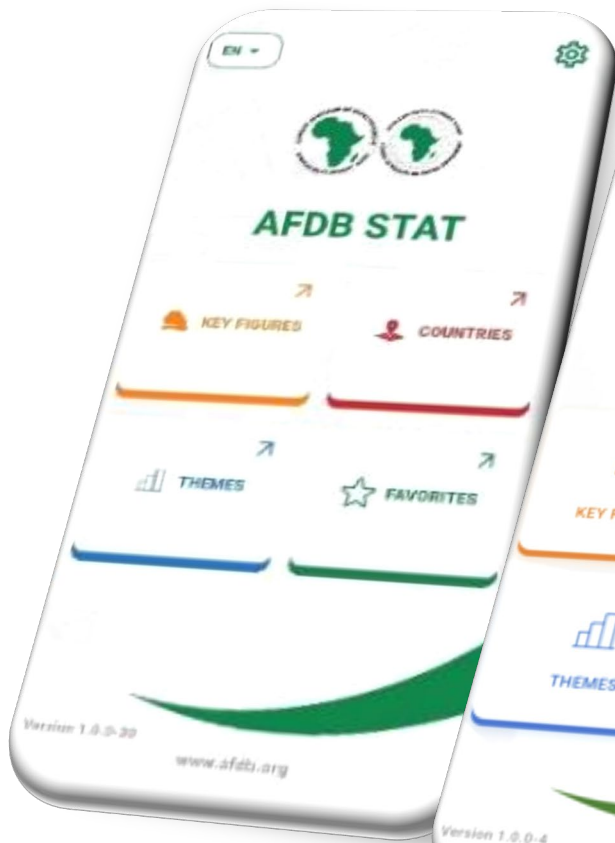
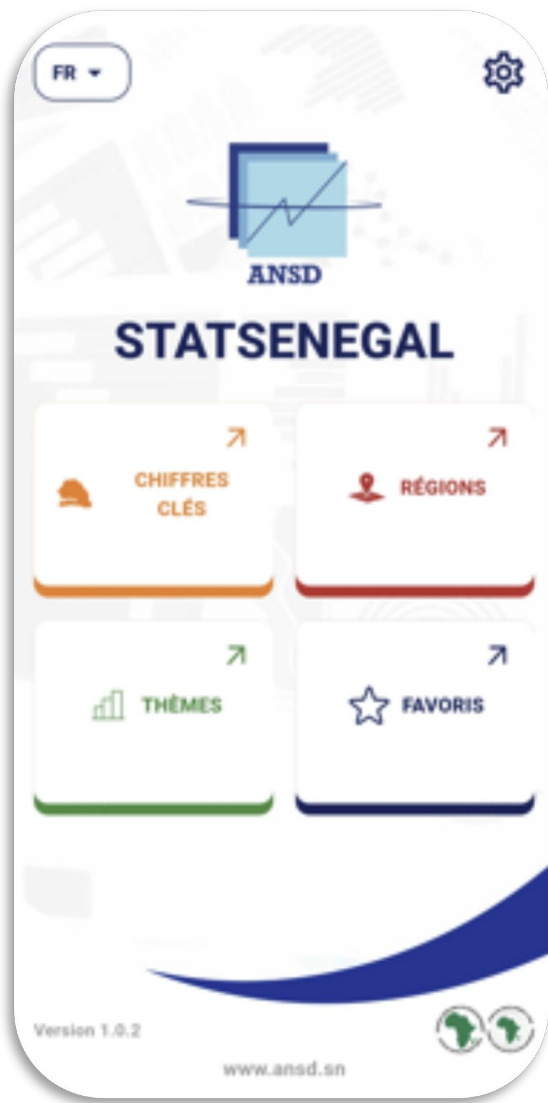


South African Revenue Service

- In collaboration with the IMF, technical assistance has been provided to the Bank of Botswana, where data modeling is already well advanced for ODP2.0 implementation.
- Discussions are under way with the Bank of Mauritius regarding the implementation of ODP2(potential joint support AfDB & IMF).
- Technical assistance is also ongoing with both the South African Reserve Bank and the South African Revenue Service.



# SDMX Native Platforms – Mobile application



# SDMX ODP 2.0: Capacity building

**Regional workshop to help Francophone countries modernize statistical systems with SDMX and ODP 2.0 (June 23 to 27, 2025, Tunis)**



**Regional workshop supporting Anglophone countries in data modeling for ODP 2.0 migration (July 21 to 25, 2025, Addis Ababa)**



# Reveal the Power of Data in Africa



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