Integrating Data Across Statistical Agencies: Making Standards and Partnerships Work

Sarah Beasley - Sarah.Beasley@ons.gov.uk
Geoffrey Kariuki - gkariuki@knbs.or.ke
Abdulla Gozalov - gozalov@un.org

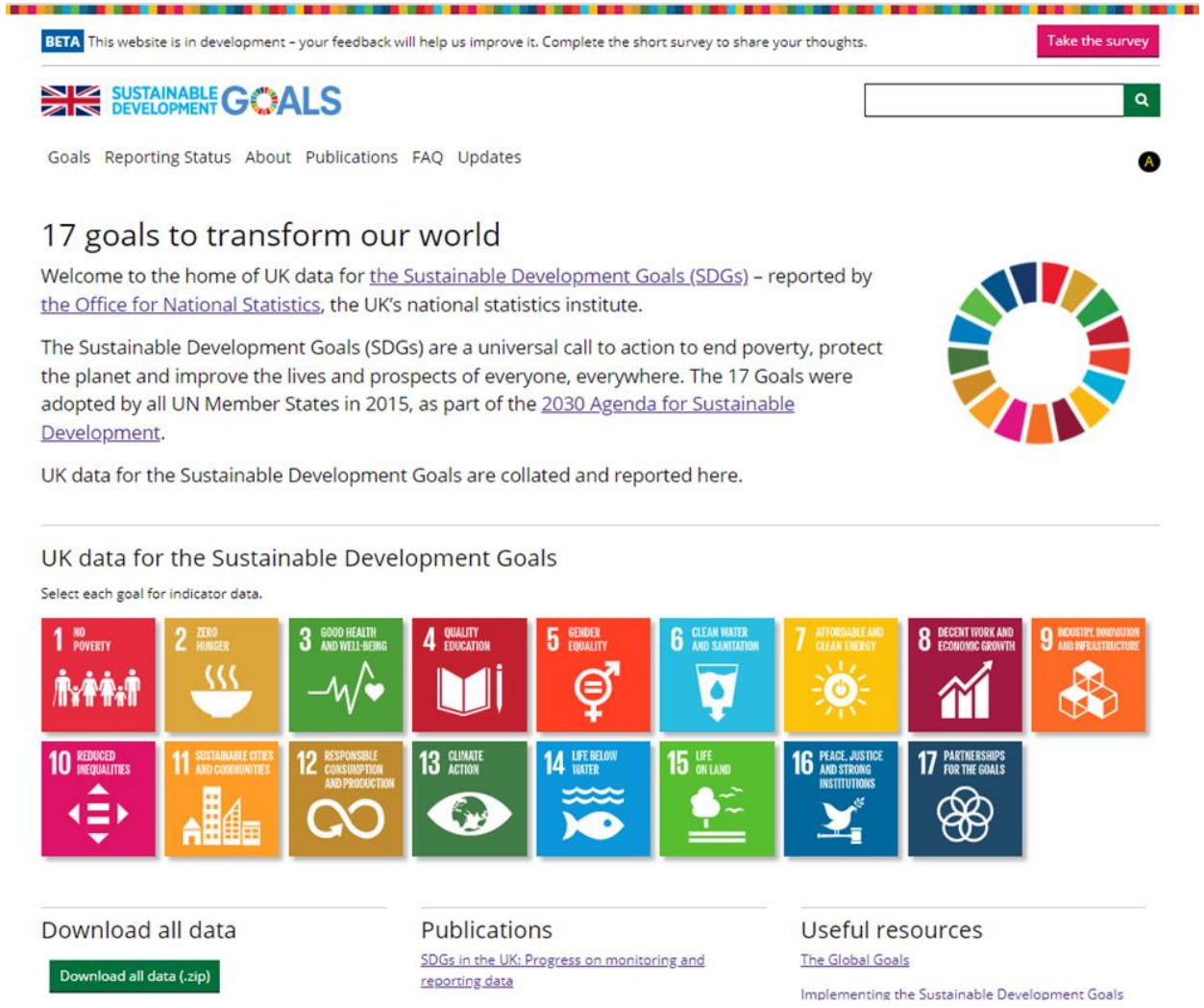
September 2025

Importance of reporting National SDG data

- Monitor progress over time
- Inform decision-making
- Integrate into existing processes
- Ensure no one is left behind - disaggregation and intersectionality
- Explore links between different goals where topic areas overlap
- Global comparability
- Inspire others and engage stakeholders

Open SDG

- The ONS SDG team manage Open SDG.
- This is a **free-to-use, open-source platform for managing and publishing data and statistics** related to the SDGs.
- 50+ implementations exist globally
- The aim is to inform users of each country's contribution to the global agenda and **inform decision making for a sustainable future**



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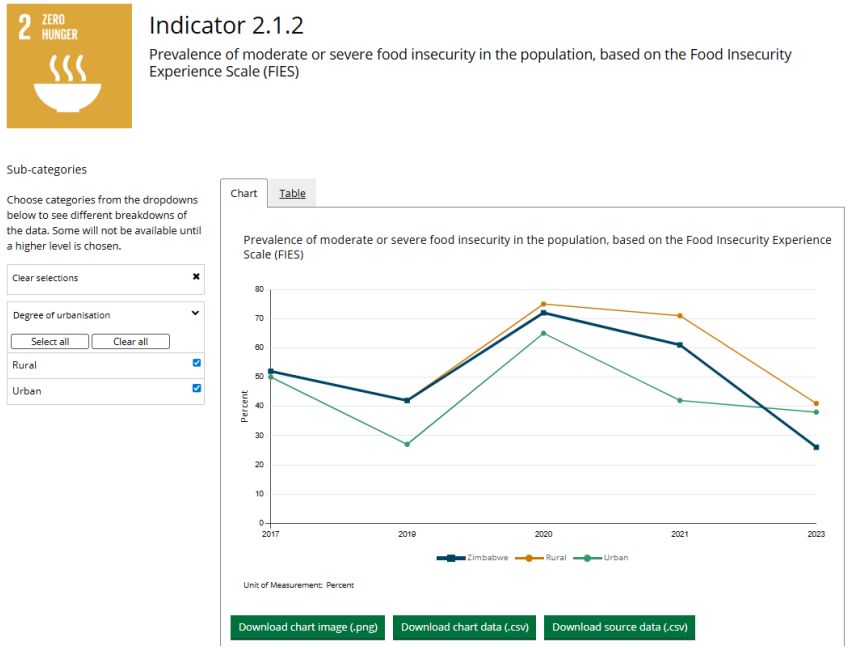
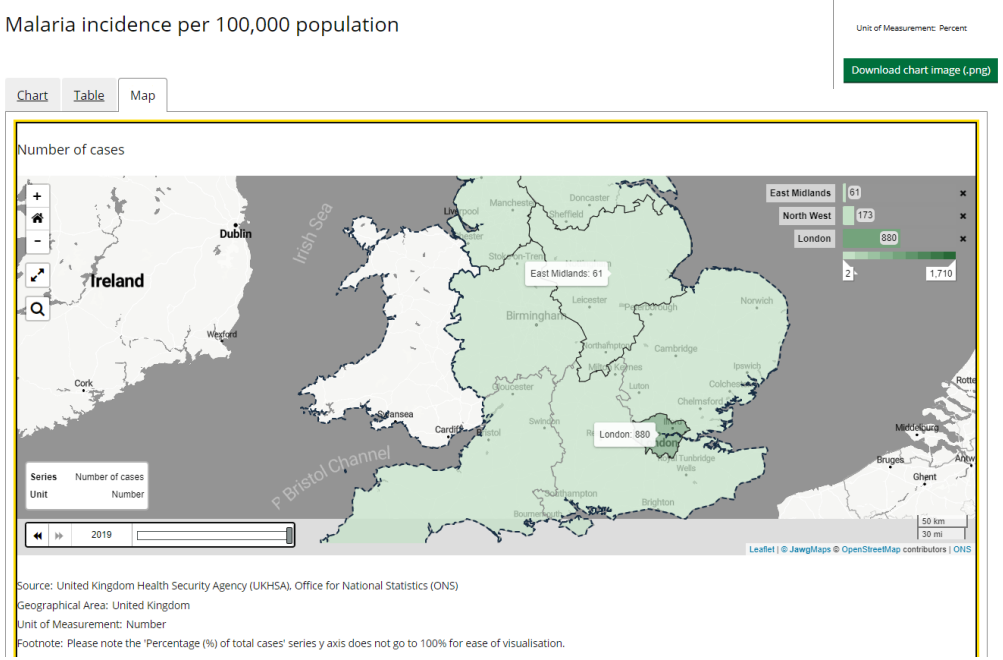
Open SDG – key features

- Open source
- GitHub
- Free to reuse
- Multilingual
- Supports SDMX, .stat and PxWeb
- Metadata
- Table, chart and map display
- Disaggregation
- Progress calculations
- User-centred
- Accessible
- Fully customisable
- Collaborative
- Search engine optimisation
- Progressive web app





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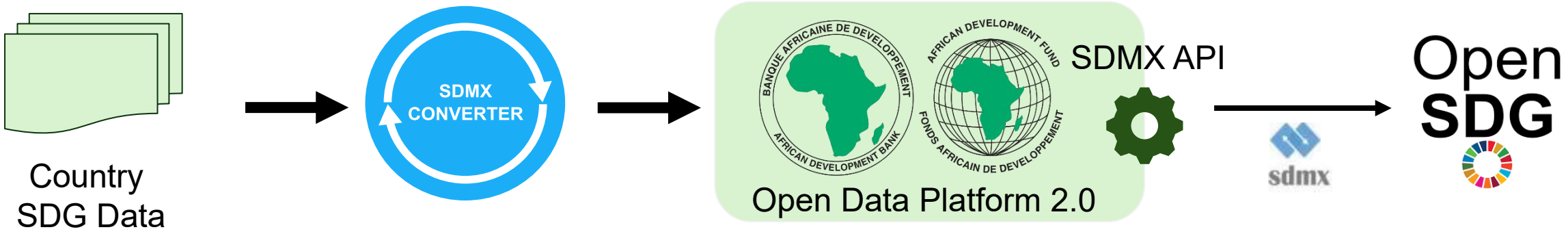
Collaborative capacity building: UNECA / UNSD / AfDB / ONS

- 6 African countries – Zimbabwe, Kenya, Ethiopia, Cameroon, Senegal, Uganda
- Multiple workshops
- UNECA facilitated the workshops
- UNSD delivered training on SDMX
- AfDB's delivered training on their Open Data Portal
- ONS delivered training on Open SDG
- Participants converted their data into SDMX format, uploaded to a centralised portal and then customised and displayed their data on their National Reporting Platform

Collaborative capacity building: UNECA / UNSD / AfDB / ONS



5 step process:

1. **Prepare** country SDG Data
2. **Convert** data into SDMX format
3. **Load** Data onto ODP 2.0
4. **Link** ODP 2.0 to Open SDG
5. **Customize** and **publish** Open SDG

= reduced reporting burden
and single source of the truth

Implementation of Open SDGs and Open Data Portal in Kenya
Background and Context

There are concentrated efforts to standardize, modernize, and improve dissemination to meet users' needs at both national and subnational levels. As per the Statistics Act, the Kenya National Bureau of Statistics (KNBS) is mandated to standardise and coordinate all official statistics in Kenya, including dissemination

🎯 **Strategic Alignment**

📄 Second Kenya Strategy for the Development of Statistics II (2023–2028)

💻 Government Digitalisation Agenda

👉 **Users face multiple barriers in accessing harmonised and trusted official statistics.**

⚠️ **Current Challenges**

🧩 Fragmented Platforms for Dissemination

🚪 Limited Accessibility due to a difficult user experience

🔄 Duplication & Weak Synergies across the National Statistical System

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WHY SDMX?

🌍 Global Standard
Internationally recognised framework

🖇️ Interoperability
Seamless integration across institutions & platforms

📊 Harmonisation
Consistency of data & metadata, aligned to best practices

⚡ Efficiency
Reduced duplication, automation, faster dissemination

📈 Innovation - Adopting the SDMX in data sharing and dissemination positions Kenya as a leader in modern, digital, and user-centric statistical dissemination.

👥 Users - Prioritise user needs in implementation

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Kenya Open SDG Portal

Developed with support from UNECA, UNSD (technical support in SDMX (ISO 17369)), while ONS offered technical support in the platform development.

Main portal for dissemination of the SDGs in Kenya

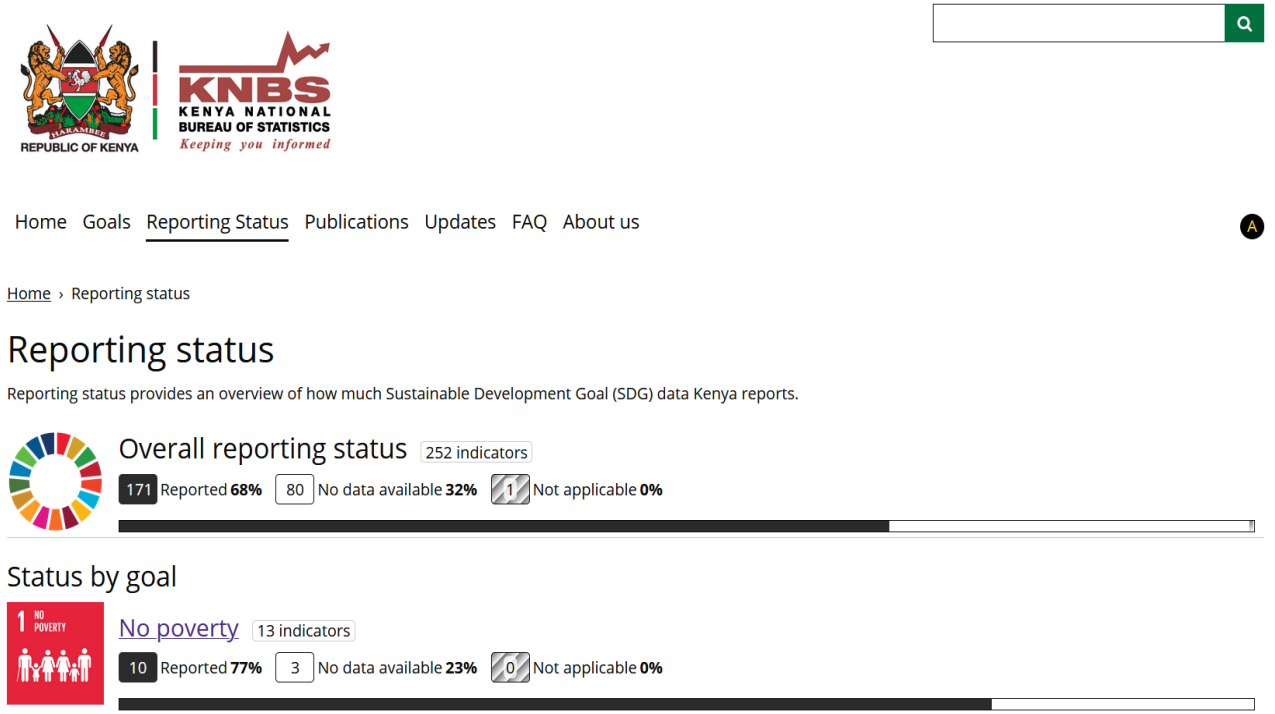
🚀 Platform Features

📂 Access to Data & Metadata - streamlined and harmonised

⬇️ Download data in various formats CSV, Excel, PDF, etc.

📊 Interactive, customisable visualisation

📘 User Guide - assists users in navigation



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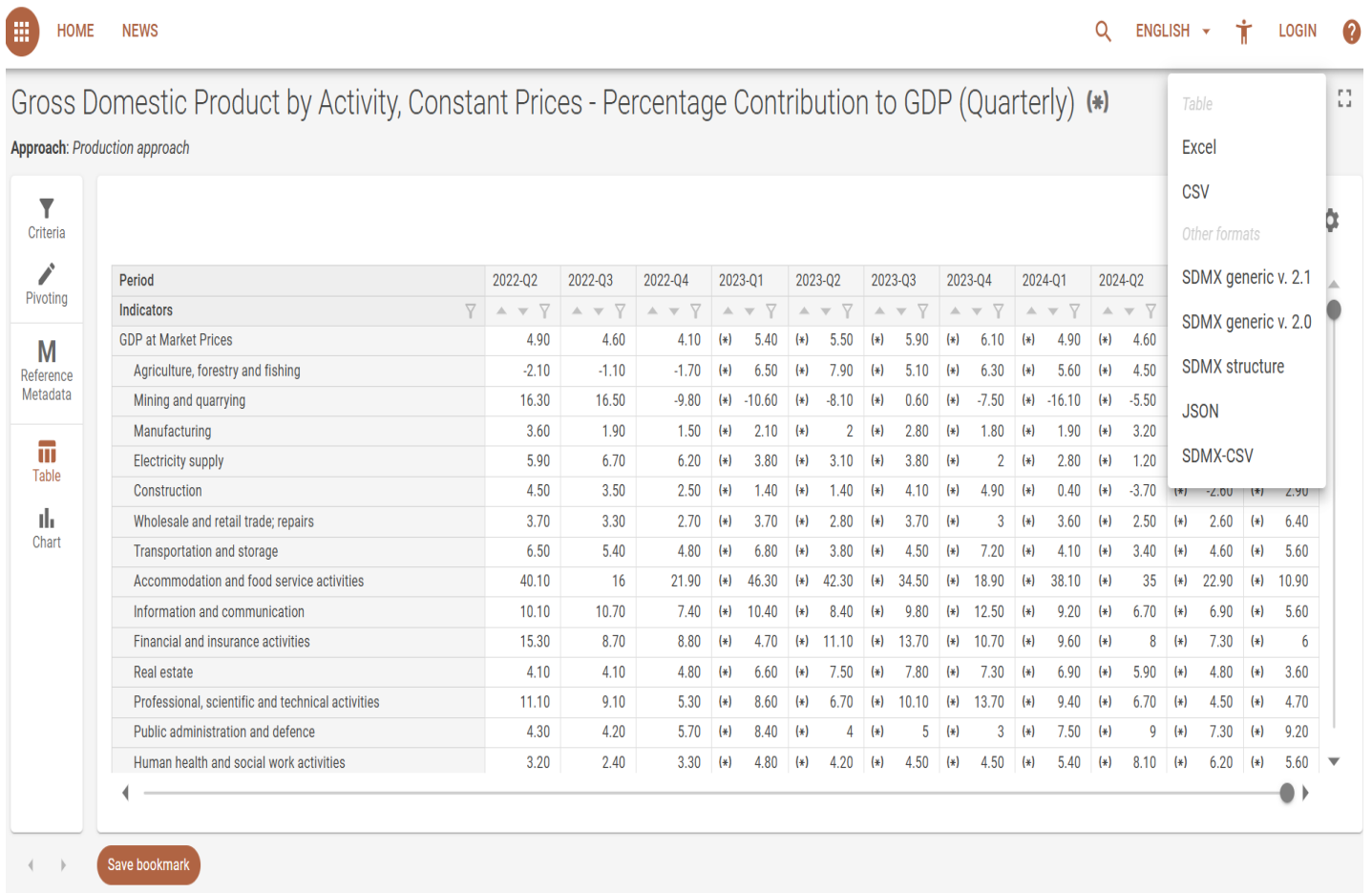
Open Data Portal 2

- Offers upgrades to fully support the SDMX standard for integration with other SDMX-compliant platforms and dashboards
- The KNBS has organised datasets in line with the **Classification of Statistical Domains 2.0**.
- This improves discoverability, facilitates thematic analysis, and aligns with international best practices.
- SCA setup also planned for the dissemination of County Statistics



Period	2022-Q2	2022-Q3	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4	2024-Q1	2024-Q2
Indicators									
GDP at Market Prices	4.90	4.60	4.10	(*) 5.40	(*) 5.50	(*) 5.90	(*) 6.10	(*) 4.90	(*) 4.60
Agriculture, forestry and fishing	-2.10	-1.10	-1.70	(*) 6.50	(*) 7.90	(*) 5.10	(*) 6.30	(*) 5.60	(*) 4.50
Mining and quarrying	16.30	16.50	-9.80	(*) -10.60	(*) -8.10	(*) 0.60	(*) -7.50	(*) -16.10	(*) -5.50
Manufacturing	3.60	1.90	1.50	(*) 2.10	(*) 2	(*) 2.80	(*) 1.80	(*) 1.90	(*) 3.20
Electricity supply	5.90	6.70	6.20	(*) 3.80	(*) 3.10	(*) 3.80	(*) 2	(*) 2.80	(*) 1.20
Construction	4.50	3.50	2.50	(*) 1.40	(*) 1.40	(*) 4.10	(*) 4.90	(*) 0.40	(*) -3.70
Wholesale and retail trade; repairs	3.70	3.30	2.70	(*) 3.70	(*) 2.80	(*) 3.70	(*) 3	(*) 3.60	(*) 2.50
Transportation and storage	6.50	5.40	4.80	(*) 6.80	(*) 3.80	(*) 4.50	(*) 7.20	(*) 4.10	(*) 3.40
Accommodation and food service activities	40.10	16	21.90	(*) 46.30	(*) 42.30	(*) 34.50	(*) 18.90	(*) 38.10	(*) 35
Information and communication	10.10	10.70	7.40	(*) 10.40	(*) 8.40	(*) 9.80	(*) 12.50	(*) 9.20	(*) 6.70
Financial and insurance activities	15.30	8.70	8.80	(*) 4.70	(*) 11.10	(*) 13.70	(*) 10.70	(*) 9.60	(*) 8
Real estate	4.10	4.10	4.80	(*) 6.60	(*) 7.50	(*) 7.80	(*) 7.30	(*) 6.90	(*) 5.90
Professional, scientific and technical activities	11.10	9.10	5.30	(*) 8.60	(*) 6.70	(*) 10.10	(*) 13.70	(*) 9.40	(*) 6.70
Public administration and defence	4.30	4.20	5.70	(*) 8.40	(*) 4	(*) 5	(*) 3	(*) 7.50	(*) 9
Human health and social work activities	3.20	2.40	3.30	(*) 4.80	(*) 4.20	(*) 4.50	(*) 4.50	(*) 5.40	(*) 8.10

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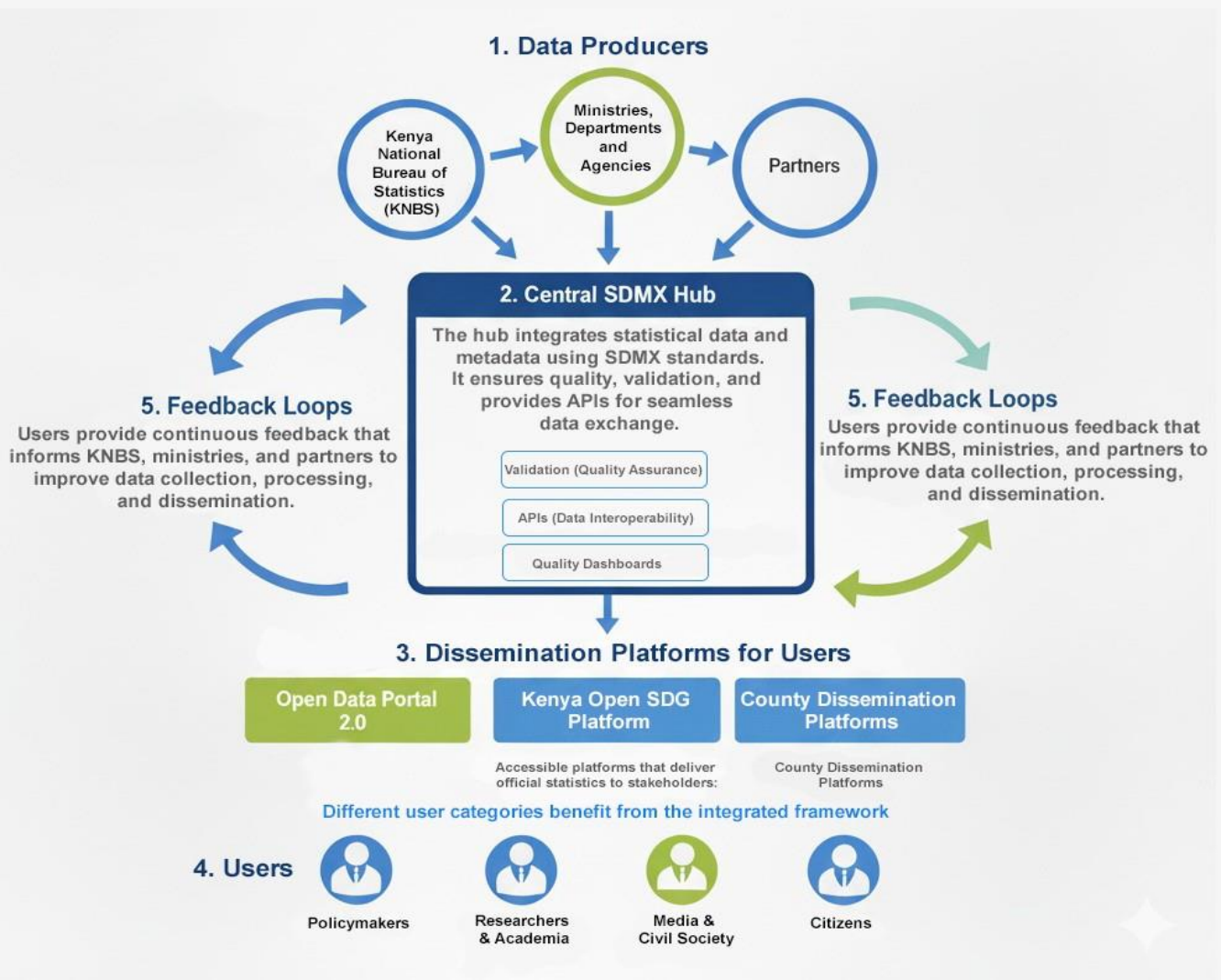
Planned integration



Turning burden into benefit

- Successful collaboration of international partners on the Africa SDG dissemination project is to a very large extent facilitated by standards.
  - Avoiding duplication of effort and upholding Single Source of Truth
- Mapping datasets to the global SDG Data Structure Definition enables countries to set up SDG dissemination platforms at a low initial cost and near-zero running cost
  - Reporting burden turns into a benefit
  - Pattern that can and should be replicated for other global DSDs

If you're interested in using Open SDG as your National Reporting Platform for the SDGs…

Please let us know by emailing:

Sarah.Beasley@ons.gov.uk, or
International.Development@ons.gov.uk

Or check out our online guidance at open-sdg.org and get started!

Any other questions, please email:

Sarah Beasley - Sarah.Beasley@ons.gov.uk
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Thank you

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SUSTAINABLE DEVELOPMENT GOALS