UGANDA BUREAU OF STATISTICS

THE REPUBLIC OF UGANDA

Workshop on supporting Evidence Based Voluntary National Review and SDG Reporting

Data Storytelling & Visualization

Ankara, Republic of Türkiye

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Outreach & Quality Assurance

12/8/2023

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Presentation Outline

Introduction

Data Storytelling

Visualization

Future Visualization

Conclusion

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Introduction
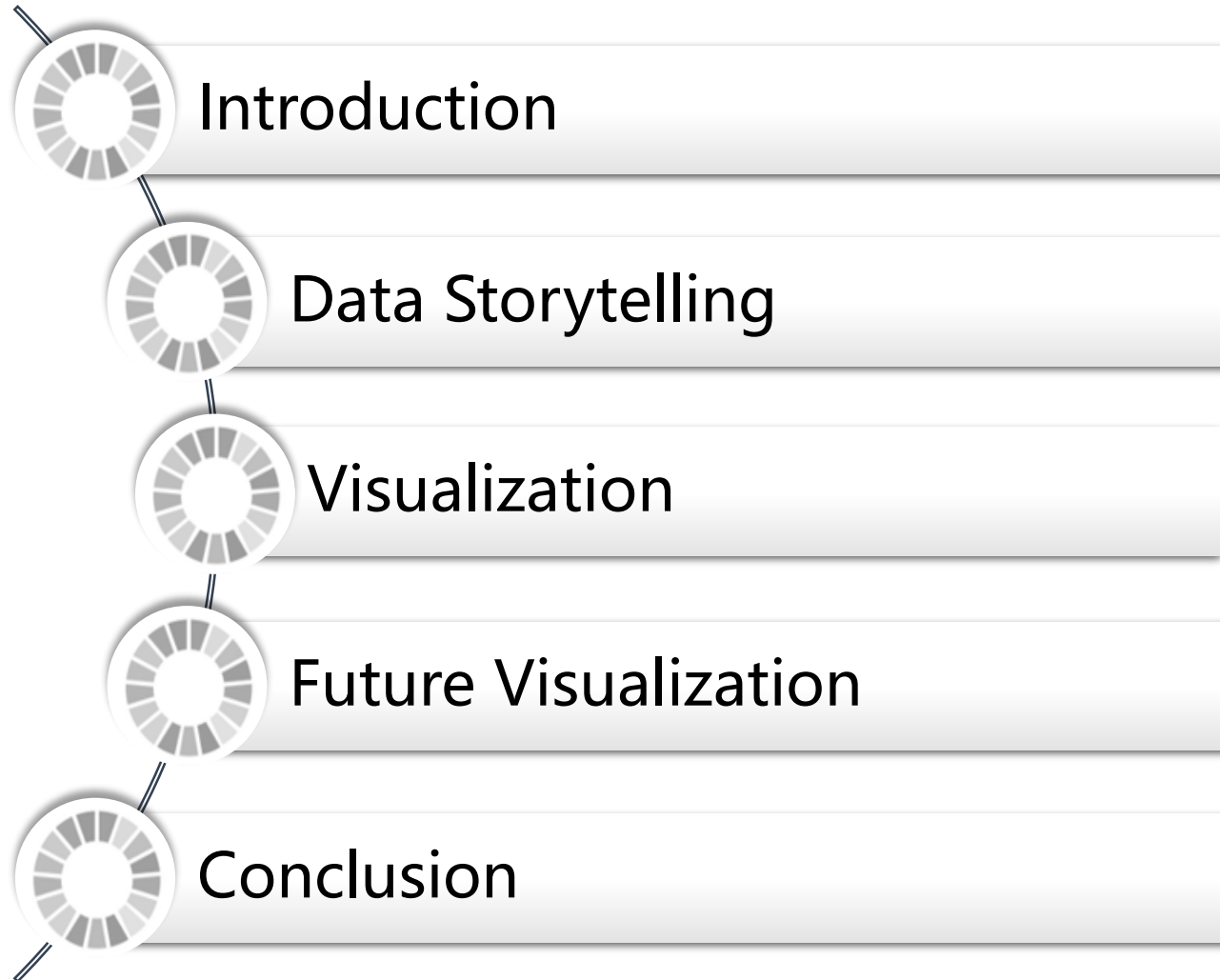
UBOS

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- Established by an Act of Parliament (1998).
- Principal data collection and dissemination agency responsible for coordinating, monitoring and supervising National Statistical System

- Presides Over the SDG Data Technical Working Group and through its existing coordination structures, engages other data-producing agencies as guided by the *SDG Road Map*
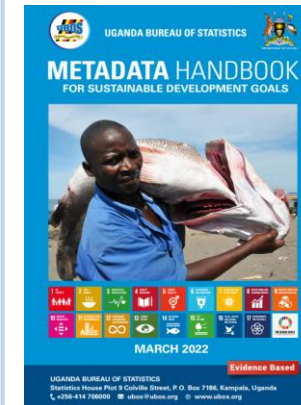
OFFICE OF THE PRIME MINISTER

ROADMAP FOR THE IMPLEMENTATION OF THE SUSTAINABLE DEVELOPMENT GOALS IN UGANDA

SDGs
2020/21 - 2024/25

12/8/2023

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Data Storytelling
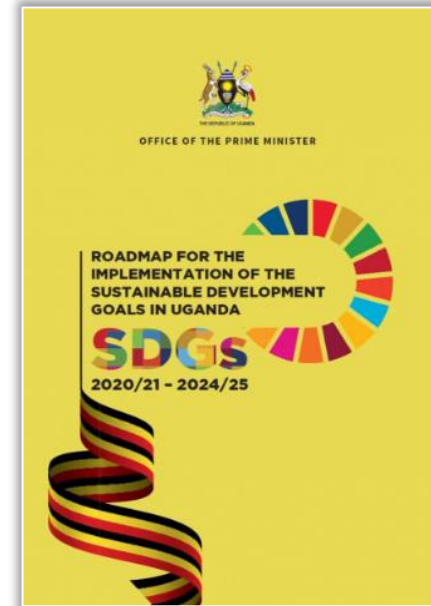
- **Guided by the SDG Coordination Framework**
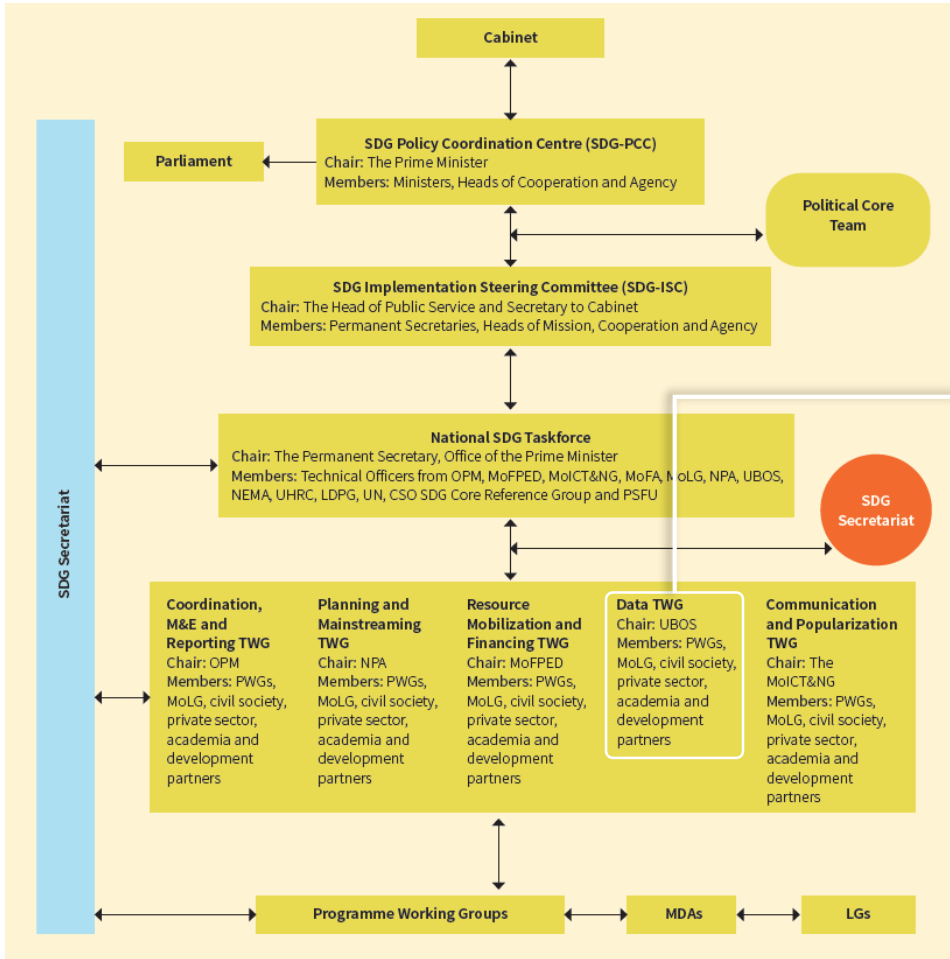
Data TWG
Chair: UBOS
Members: PWGs, MoLG, civil society, private sector, academia and development partners

Key Outputs

- SDGs Mainstreamed in MDA & HLG Strategic Plans for Statistics
- Updated SDG Indicator Matrix
- Updated SDG Data Portal
- **SDG Metadata Handbook**

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Data Storytelling...

Channeled through..

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Data Storytelling...

The National Standard Indicator Framework (NSI)

UGANDA BUREAU OF STATISTICS
We are Evidence Based

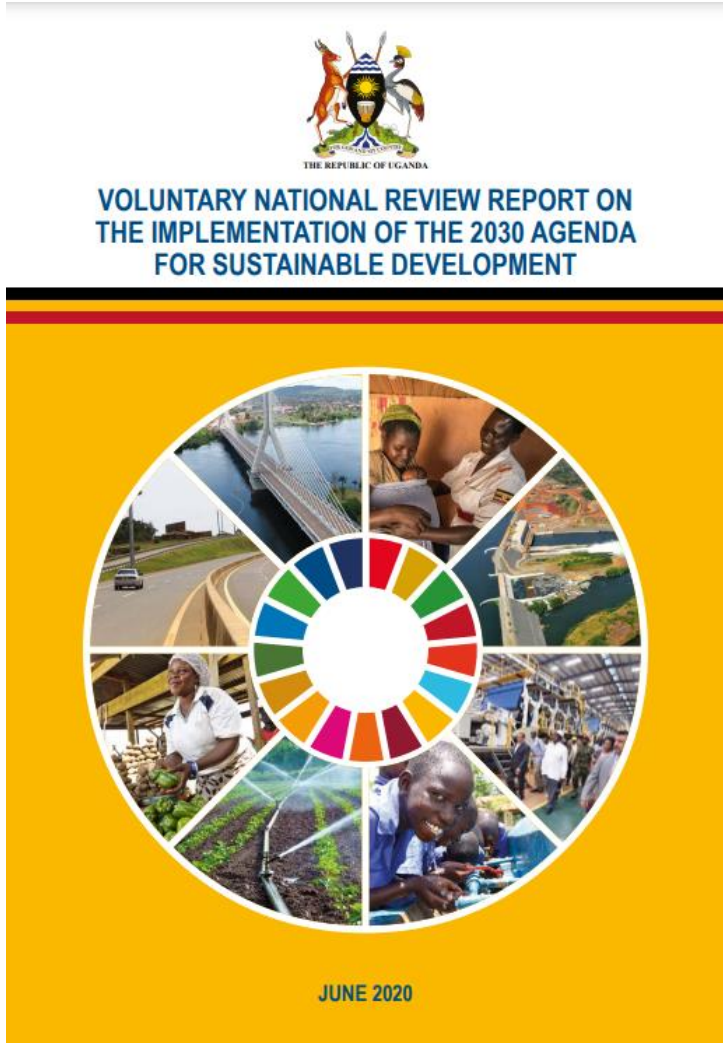THE NATIONAL STANDARD INDICATOR FRAMEWORK (NSI) LEVEL I & II

NOVEMBER 2023

NDP 3 Goal and Objectives	Key Result Areas (KRA)	Indicators	Disaggregation	Unit of measure	Development Framework the indicator responds to (1 "NDP3" 2"EAC Vision 2050" 3"Africa gender 2063" 4"SDGs")	Data Source	Target 2024/25	Baseline 2019/20	Data Series 2020/21	2021/22	MDA Responsible for the outcome indicator	Definition	Method of Computation
Goal: Increased household incomes and improved Quality of life	Household incomes	Income per Capita (USD)		USD	1,2,3			916	957	1042	UBOS	This is the measure of the amount of money that is being earned per person in a country	Divide the country's national income by its total population
		Real GDP growth rate (%)		percent	1,2,3	National Accounts		3.0	3.5	4.7	UBOS	This is the percentage change in the real GDP between two consecutive years	Growth rate of real GDP in year t: (G(t)/G(t-1)-1) x 100, where G(t) is real GDP per capita in year t and G(t-1) is real GDP per capita in year t-1.
		Population below the poverty line (%)	Total	percent	1,2,3,4	UNHS		20.3	20.3	20.3	UBOS	Percentage of the population leaving on less than $1 a day	Computed as the Persons living on less than US$ 1.00 a day over Total Household Population divide by 100
			Rural	percent		UNHS		23.4	23.4	23.4	UBOS		
			Urban	percent		UNHS		11.7	11.8	11.9	UBOS		

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Visualization

1. Print Media

- Majorly Two visualization platforms are used
- 1 Print Media
- 2 Data Portals
- More utilization is observed from the web portal. However, some still access through print media

VOLUNTARY NATIONAL REVIEW REPORT ON THE IMPLEMENTATION OF THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

JUNE 2020

4.2 **GOAL 2:** END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

Indicators Reported on:

2.2.1 Prevalence of stunting (height for age <-2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age.

2.2.2 Prevalence of malnutrition (weight for height >+2 or <-2 standard deviation from the median of the WHO Child Growth Standards) among children under 5 years of age, by type (wasting and overweight)

2.2.3 Prevalence of anaemia in women aged 15-49 years, by pregnancy status (percentage) under the target 2.2 to end forms of malnutrition by 2030

2.a.1 The agriculture orientation index for government expenditures

The past decade has seen progress in improving the nutritional status of children in Uganda. The prevalence of stunting among children under five has declined from 33 percent in 2011 to 29 percent in 2016, with the highest prevalence among children in rural areas (30 percent) compared with urban areas (24 percent). In absolute numbers, the population of 2.4 million stunted children is very high, necessitating investment in nutrition support for malnourished children as well intersectoral collaborations and partnerships for nutrition.

FIGURE 3: PROPORTION OF CHILDREN UNDER AGE 5 WHO ARE MALNOURISHED
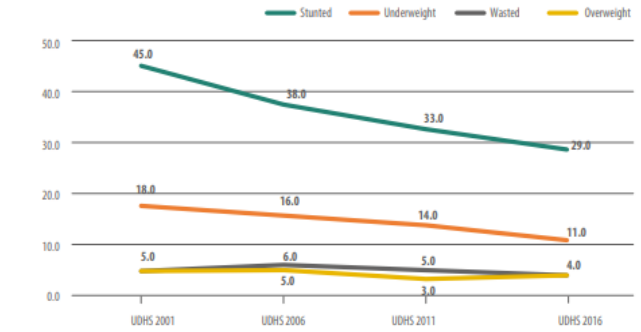
The country has maintained its commitment to address chronic and acute malnutrition, which is measured by two indicators: the rate of wasting in children under five years old, and the proportion of underweight children in the same age category. Wasting declined from 5 percent in 2011 to 4 percent in 2016, while the proportion of underweight children dropped from 14 percent to 11 percent during the same period.

According to the UNHS 2016/17, many Ugandans consume a poorly diversified diet, with staples (cereals, roots and tubers) forming 55 percent of Dietary Energy Consumption (DEC) compared with 36 percent from nuts and pulses, animal tissue (meat, fish and eggs), milk, and sugar combined. Nevertheless, there has been an improvement in the quality of diets, as reflected in a dietary diversity score (number of food groups consumed over time) that grew from 7.6 in 2009/10 to 8.2 in 2015/16. Overall, Uganda's DEC of 2,226 kcal/person/day (with female-headed households consuming slightly more calories than male-headed households (2,241 and 2,220 kcal/person/day respectively)) was above the minimum required intake of 2,200 kcal per person per day.

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Visualization

2. Data Portals

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Visualization...

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Future Visualization

UGSTAT Mobile App

- *Provides users easy access to Key Economic Indicators, Demographic and Population Data*
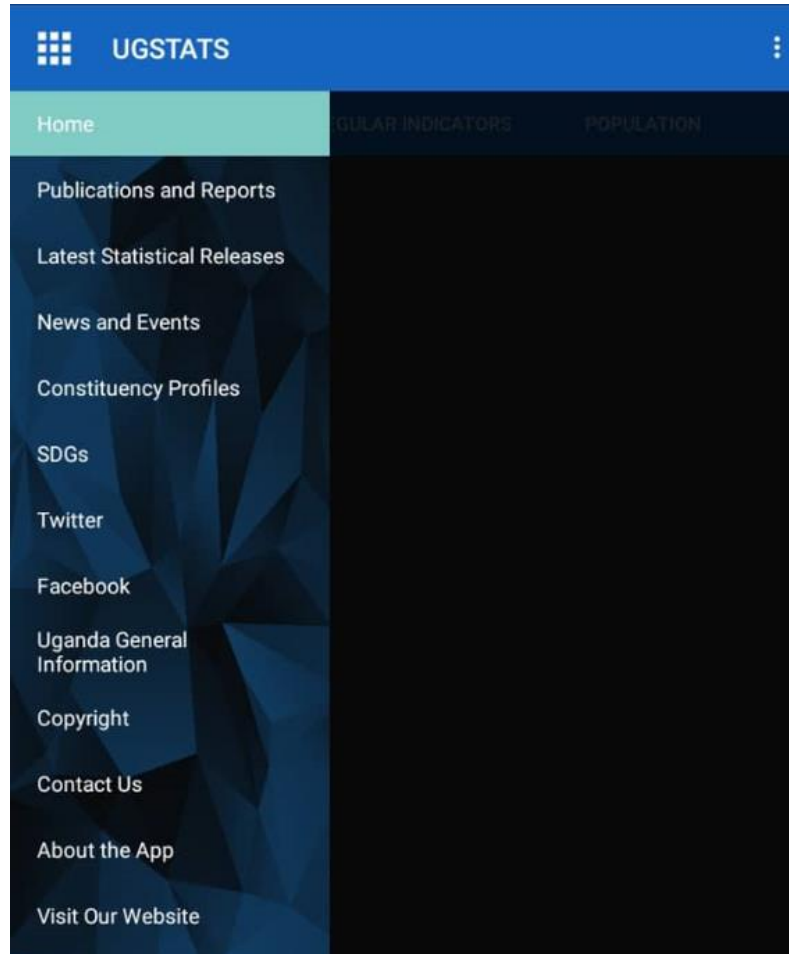
- *In future to be able to provide Real-time data on SDG indicators across the entire National Statistical System*

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Conclusion

- The use of **visualization** tools in **Uganda's SDG** reporting has further **improved data uptake.** Various visualization channels have been deployed to illustrate **trends, variations,** and **progress** to facilitate more **understanding** of the different *SDG indicators*

- Uganda's embracement of *technology,* as seen in the development of interactive dashboards and the use of various reporting tools, showcases a forward-looking approach which has enhanced the accessibility of information.

- Utilizing **data storytelling** and **visualization** in **SDG reporting and VNRs** serves as a *commendable approach* for other **Nations** in order to succeed in not only meeting reporting requirements but also in creating a comprehensive and compelling narrative that **engages stakeholders** and propels Countries towards the *achievement* of **Sustainable Development Goals**

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