The Road Map for the transformation and modernization of African statistical system implementation

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The Road map for transformation and modernization

Road map for the transformation and modernization of official statistics in Africa, 2023–2030

United Nations
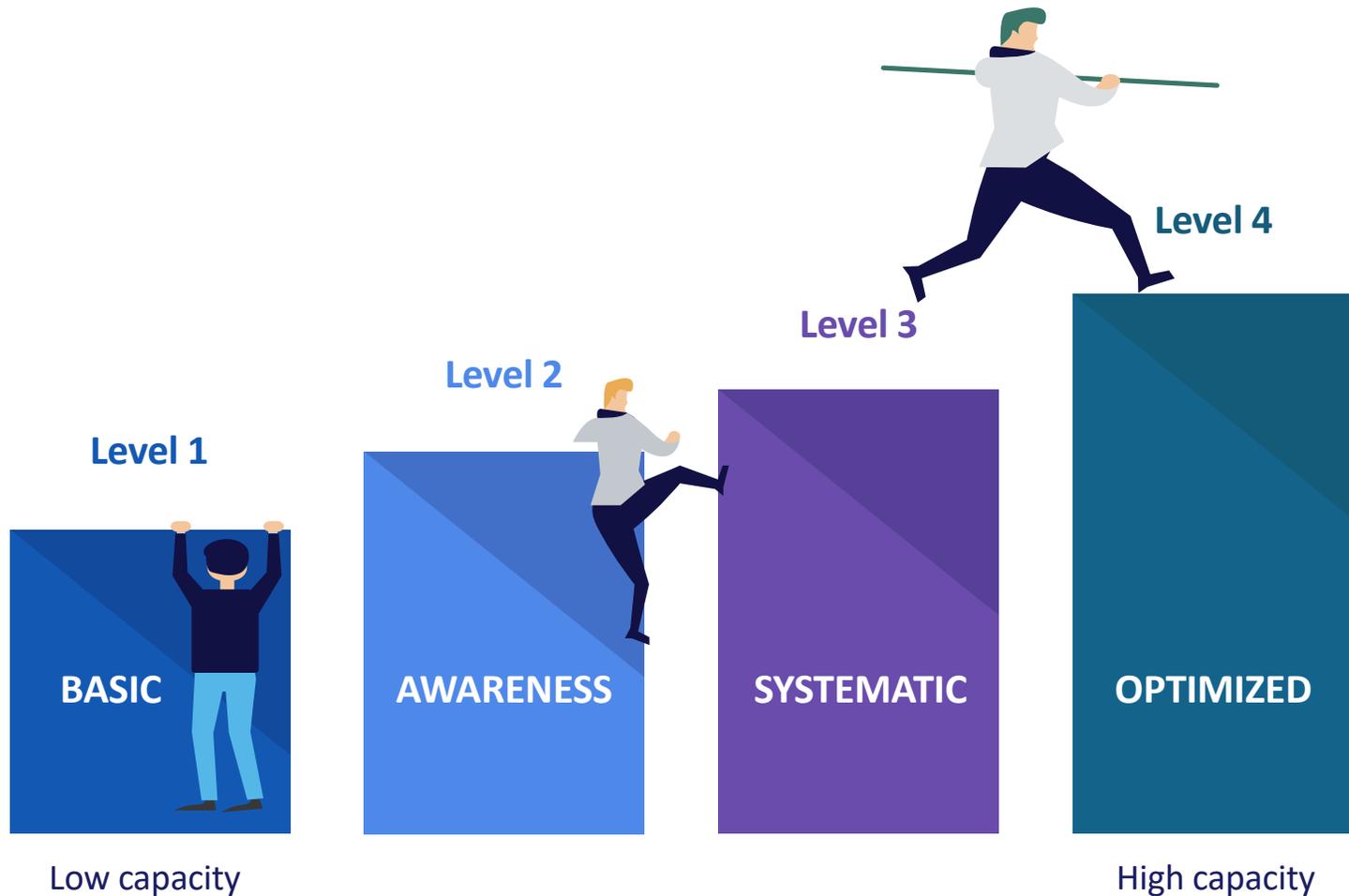Economic Commission for Africa

Desired NSS state

Priority enablers

– Advancing statistical processes
– Harnessing technology
– Human capital and capacity development
– Organizational capital development

Foundational enablers

– Institutional development
– Organizational development

Drivers

Demand side: Putting users first
Supply side: Optimizing resources

Leave no NSS behind!

Current NSS state

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The road map's maturity Model

Level 4

Level 3

Level 2

Level 1

BASIC

AWARENESS

SYSTEMATIC

OPTIMIZED

Low capacity

High capacity

A diagnostic tool

that enables NSSs to assess their current level of data maturity

A prescriptive tool

for identifying desired maturity levels and how to achieve them by suggesting actions to reach a desired maturity level

A comparative tool

that enables benchmarking progress made against industry/international standards and peers especially in the same region

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The road map's maturity Model

Illustration : Setting enabler targets at high level

Enabler	Data maturity level				Target
	Basic	**Awareness**	**Systematic**	**Optimized**	
1. Institutional development					Systematic
2. Organizational development					Systematic
3. Advancing statistical processes					Systematic
4. Harnessing technology					Systematic
5. Human capital and capacity development					Systematic
6. Organizational capital development					Systematic

Ongoing work

- Self-Assessment via the Maturity Matrix

- Mainstreaming enablers for transformation and modernization into the NSDS

- Mainstreaming the national quality assurance framework into the road map

Some Achievements in NSS transformation in recent years

Legal and Strategic Reforms

- **Countries modernizing** statistical laws: Benin, Burundi.
- **Gender integration** in strategies: Madagascar, Niger, Senegal, Somalia.
- **Toolkit for child rights mainstreaming** developed by ECA & UNICEF.
- **Updated statistical law** navigator by the Partnership in Statistics for Development in the 21st Century.

Financial Investments

- **World Bank**: Approved $460M for data system improvements in West Africa.
- **Additional grants**: $60M (CAR), $105M (Chad & Cameroon).
- **Chad**: Increased domestic funding for statistics after advocacy.

Communication and Advocacy

- **Madagascar and Sierra Leone**: Developed national communication strategies.
- **Ethiopia**: Received training on statistical communication from ECA & Statistics Norway.
- **"Power of Data" initiative**: Launched to support SDGs and Agenda 2063.

Technological Advancements

- **Digital census infrastructure**: Tablets and apps deployed in Malawi, Namibia, Togo.
- **AI-powered chatbot**: Answers SDG-related data queries.
- **Open data platforms**: Strengthened via AfDB and ECA support.

Data Innovation and Integration

- **StatsTalk-Africa webinars:** knowledge-sharing sessions.
- **Training in R, SEEA, small area estimation.**
- **Leadership programmes:** Over 280 participants trained.
- **"Women into Leadership"** initiative: Empowering women statisticians

Youth Engagement

- **Takwimu Programme:** Mentorship for young African statisticians.
- **UN Datathon 2023:** Ghana team won with climate and nutrition data solutions.
- **Regional hub website launched:** Facilitates collaboration in data science.

References

1. [Road map for the transformation and modernization of official statistics in Africa, 2023–2030](#)

2. [Report on statistical capacity development in Africa](#)

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Thanks!

Questions and comments
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