



The new data ecosystem

Definition

- ❖ Data ecosystem: A system in which a number of actors interact with each other to exchange, produce and utilize data. In a simple definition, a system can be understood as a set of connected parts forming a complex whole.
- ❖ There are multiple other definitions of data ecosystem:
 - ❑ The United Nations Development Programme model consists of data producers, data objects, infomediaries (i.e., media and other commercial information services) and data users.
 - ❑ Other models put the national statistical office-led national statistical system at the centre of a system that consists of government agencies, academia and research institutions, the private sector, civil society and international and regional organizations.



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Challenge of the new data ecosystem

- ❖ In recent years, new data sources, data providers and statistics producers have emerged, fueled by technological advances and new demands for detailed and timely data for policymaking in the context of the 2030 Agenda for Sustainable Development, forming a new data ecosystem.
- ❖ This new data ecosystem poses challenges and opportunities for official statistics.
- ❖ For example, in the future, national statistical offices may see their role as a producer of official statistics diminished while adopting a new role as a curator of data and statistics produced by others.

Questions

- 1. Do you have (your NSO/NSS) concrete plans for increasingly using “new” / administrative and other data sources in the production of official statistics?**
- 2. How will you / should you assure the quality of statistics derived from “new” / administrative and other data sources? – Do you have a strategy?**
- 3. Looking at the larger context: Do you have already a response to the new data ecosystem which challenges the role of official statistics?**

Session 7: Group discussion of the new data ecosystem

Organization

- Four groups as follows:

Group 1	Group 2	Group 3	Group 4
Cameroon	Ghana	Botswana	Ethiopia
Ethiopia	Egypt	Ethiopia	Kenya
Liberia	Ethiopia	Malawi	Sudan
Niger	South Africa	Mozambique	Uganda
Nigeria	Zambia	Namibia	Zimbabwe
AUC (support)			EAC (support)

- Each group needs to determine
 - 1 note taker/facilitator
 - 1 presenter
- Time
 - 30 minutes for discussion and preparation
 - 10 minutes for presentation

