

#AfricaFocus

#AMCOW

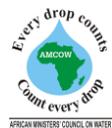


Providing political leadership, policy direction and advocacy in the provision, use and management of water resources for sustainable social and economic development and maintenance of African ecosystems

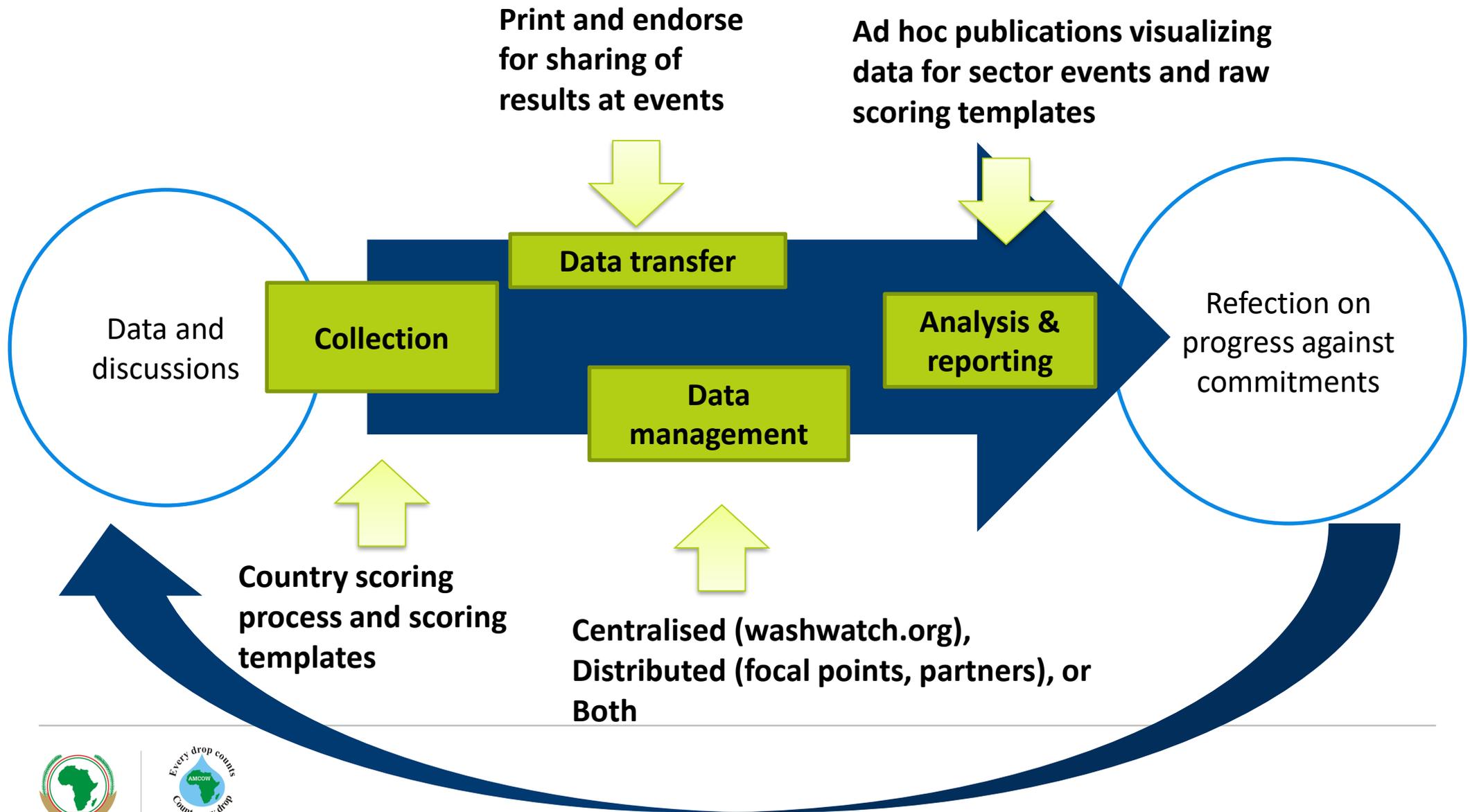


CURRENTLY

- Use familiar tools: MS Office, especially word
- Digital with options to print and scan
- Low barrier of entry
- Works offline
- Currently WASHWatch.org provides an online repository and visualisation portal managed by an independent organisation and a number of website contain reports (e.g. WSP).
- AMCOW developing the Pan Africa M&E software system



MONITORING ICT



EVIDENCE, EVALUATION AND MEANS OF VERIFICATION



ANALYSIS AND REPORTING



Completed by: AMCOW, Focal persons, support partners, WASHwatch.org

LEVEL OF COMPLEXITY: DATA COLLECTION

Word templates, Excel templates

- Works offline

Excel template linked to a PowerPoint for visualisation

- Works offline, pre-baked

Excel template with button to report results

- Works offline, can submit reports to online repository
- Requires a database and web “service” at minimum

Mobile data collection, e.g. by appointed data collector

- Requires app

Website for reporting scores

- Requires internet, website



WHAT WE HAVEN'T AUTOMATED

Linking different datasets of indicators and their evidence for automatic retrieval and submission of new data

- De-linking the process of data collection and gathering (once) from the systems that use that information (many)

A standard data formats/APIs so systems can export their data to that format to make reporting easier and exchange easier



FUTURE TOOLS

- Adaptive repository: flexible indicators based on national/regional/global priorities (Pan-African M&E system)
- Linking data collection templates to tools that generate analysis/visualisations and outputs (Pan-African M&E system)
- A relation management system
 - Who is working on what and how do I reach them? Messaging, conversations, workflow (Some of this in the Pan-African M&E system)
- Automation of “evidence gathering” and information management
 - “Graph” database containing the relationships between monitoring/evaluation datasets and their indicators
- Improved advocacy products, user experience, and branding



ADAPTIVE REPOSITORY

Services

- Storing data
- Managing data (versioning, roles and permissions, publication, data cleaning, etc.)
- Metadata (is it endorsed? Can it be published? Who owns this?)
- Providing access to data and a query system
- Linked to a web site(s) for publication

Data exchange standards can help

- Water point data exchange example: from everyone collecting the same to everyone using the same basic standard to link datasets and exchange the basic shared metadata and data



IMPORTANT PRINCIPLES

Data ownership, security and privacy

Metadata

Separating functions

Thinking in terms of processes instead of “functions”

Thinking in terms of services instead of “tools”

Capacity/environment: human, financial, technical



NEXT STEPS

Who will design the data collection templates (in MS Office)?

Who will regularly maintain these?

Who will host the repository? Countries? AMCOW?

WASHwatch.org? What is the sustainability of this service?

Who will design reporting/pre-baked analysis templates for countries, (sub-)regional meetings? How will they be maintained/supported?

Is there demand for a “graph” database service that can automatically pull data together based on related indicators or targets?

Roadmap?

