

Workshop on the Implementation of a National Quality Assurance Framework for Official Statistics in countries of the Africa Region

Addis Ababa, Ethiopia, 6-9 December 2022

Session 3.1: First results of the global survey

Yuxi Zhang, Associate Statistician
Development Data Section
Statistics Division, Development Data and Outreach Branch
United Nations Department of Economic and Social Affairs





NQAF Questionnaire - background

The Statistical Commission at its 52nd session in March 2021 tasked the Expert Group to conduct a follow-up survey to assess progress in the implementation of national quality assurance frameworks by national statistical systems.

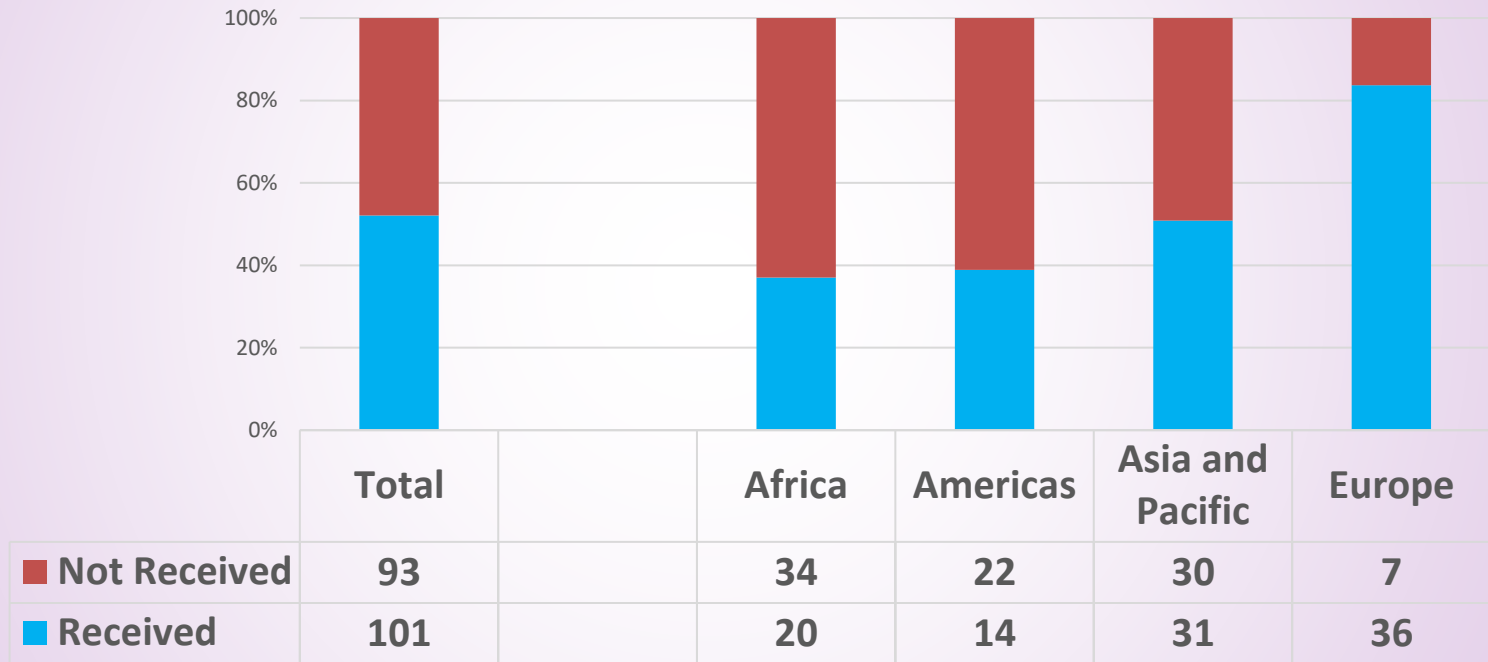
→ An official invitation to fill-in the NQAF questionnaire was sent out to all 194 Member States in August 2022 and the survey will be closed by the end of December 2022.



General responses information

based on 101 responses to the NQAF implementation survey
received from 24th Aug 2022 to 28th Nov 2022

Country Responses received per region



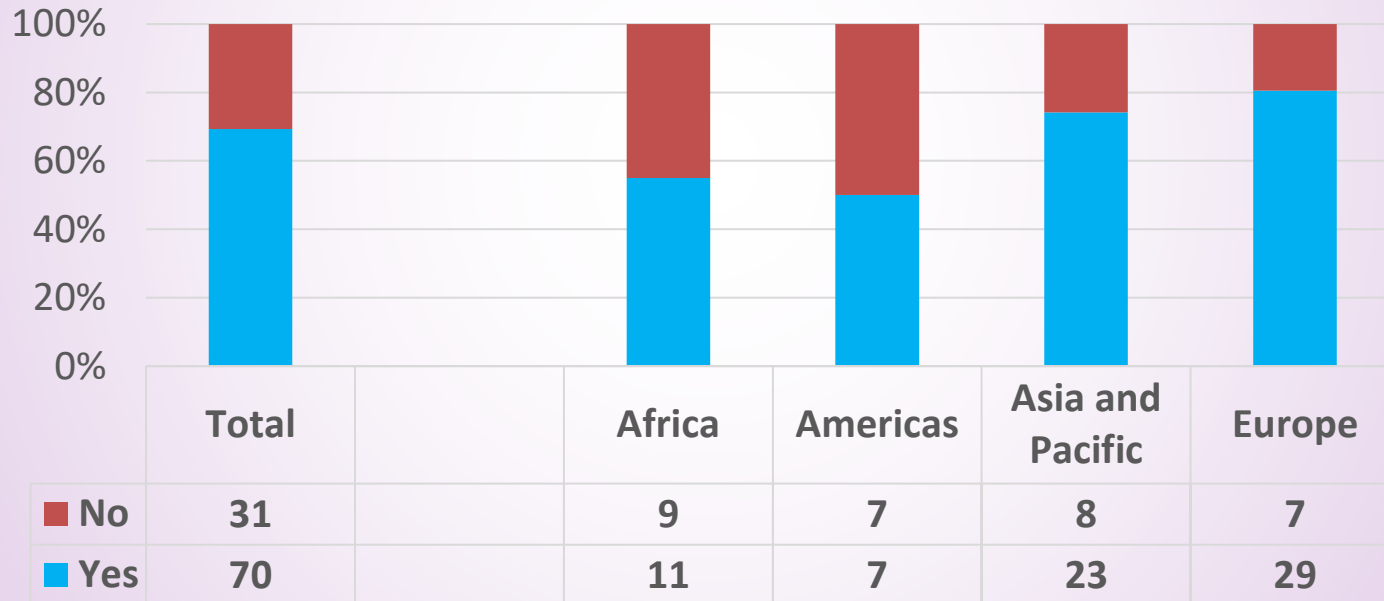
The overall response rate was about 52% with the highest response rate in the European region (about 84%). The response rate in the **Africa region is about 37%. Nine of twelve participating countries in this workshop responded!**



NQAF implementation rate and coverage

based on 101 responses to the NQAF implementation survey
received from 24th Aug 2022 to 28th Nov 2022

Do you have NQAF for official statistics in your country?



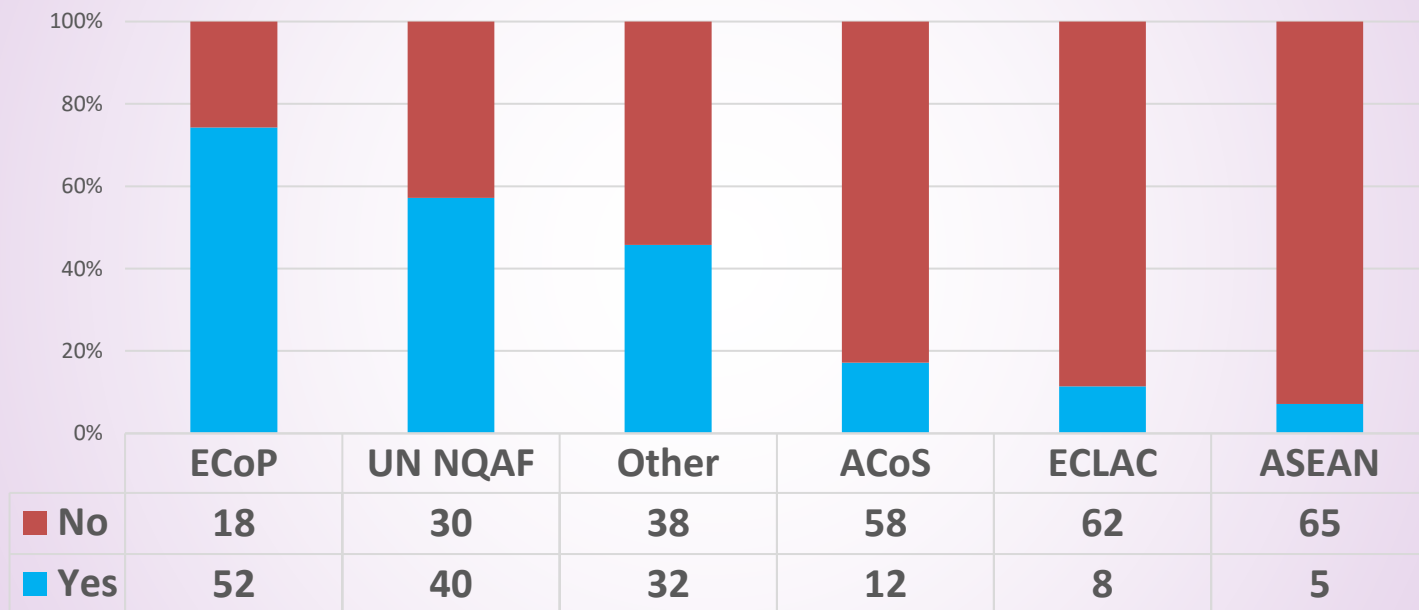
Of responses who indicated they have NQAF in their countries, **about 76% cover entire NSS.**



Framework(s) that NQAF was based upon

based on 101 responses to the NQAF implementation survey
received from 24th Aug 2022 to 28th Nov 2022

What is your NQAF based on?



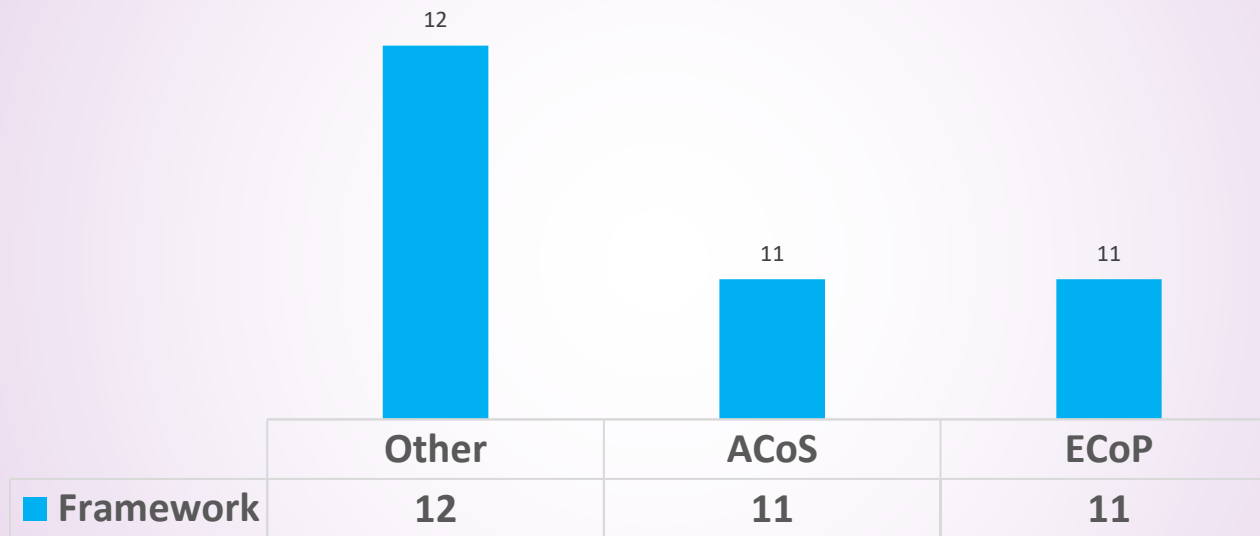
Of responses who indicated they have NQAF in their countries, globally, the most widely used framework used as a basis for NQAF is the **European Code of Practice (ECoP)**, followed by **UN NQAF (about 72% and 56% respectively)**.



Framework(s) that NQAF was based upon (continued)

based on 101 responses to the NQAF implementation survey received from 24th Aug 2022 to 28th Nov 2022

Top 3 frameworks in Africa



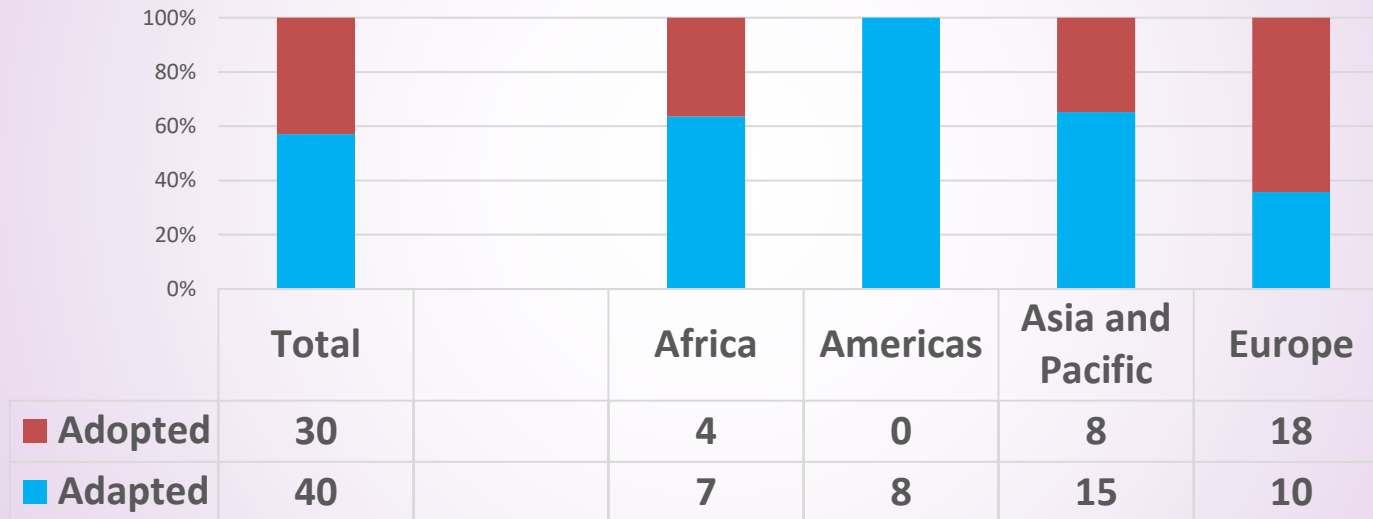
Of responses who indicated they have NQAF in their countries, in Africa, the most widely used framework used as a basis for NQAF is the **African Charter on Statistics (ACoS)**, and **Common quality framework of the European Statistics System, including the European Statistics Code of Practice**.



NQAF adoption and adaption

based on 101 responses to the NQAF implementation survey
received from 24th Aug 2022 to 28th Nov 2022

Is your NQAF adopted as it is or adapted to national conditions?



Of responses who indicated they have NQAF in their countries, the reference model used when creating NQAF is usually being adapted with modification to reflect their country situation. Six out of nine participating countries also adapted NQAF with modification.



Additional information on NQAF implementation

→ Quality Principles

- Of responses who indicated they have NQAF in their countries, quality principles were included in national statistical legislation in about 91% of cases globally, **with the highest rates in Africa region (100%)**.

→ Quality policy

- Of responses who indicated they have NQAF in their countries, most countries have quality policies or statement of the NSO's commitment to quality, which are publicly available. **Nine out of eleven responses collected from Africa answered yes for this question.** (100% for all participating countries)



Additional information on NQAF implementation

→ Self-assessment

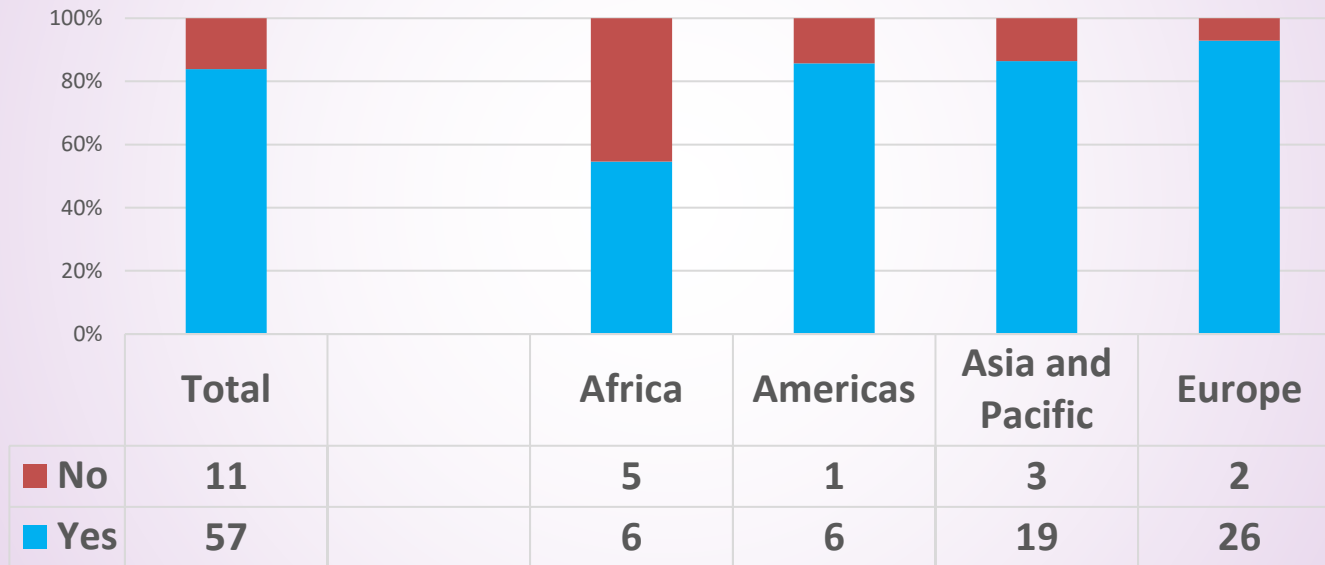
- Of responses who indicated they have NQAF in their countries, Africa region saw a **94% assessment** rate (eight out of nine participating countries)with mostly used method of self-assessment followed by internal audit.
- **Only 4 out of 11 countries** with responses in Africa countries indicated that other producers of official statistics conduct a comprehensive assessment of data quality.



Implementation of the GSBPM at NSO

based on 101 responses to the NQAF implementation survey
received from 24th Aug 2022 to 28th Nov 2022

Have implemented the GSBPM at your NSO?



Of responses who indicated they have NQAF in their countries, **about 84% of countries globally implemented the GSBPM at their NSOs**. However, disparity among regions is high – from **55% in Africa** (Five out of nine participating countries) to 93% in Europe.

A circular word cloud graphic with various terms related to statistics and quality assurance. The most prominent words include 'statistics', 'data', 'quality', 'assurance', 'production', 'agency', 'SDGs', 'national', 'system', 'principle', 'manage', 'user', 'requirements', 'assess', 'international', 'develop', and 'method'.

Quality assurance for administrative data and other data sources

based on 101 responses to the NQAF implementation survey
received from 24th Aug 2022 to 28th Nov 2022

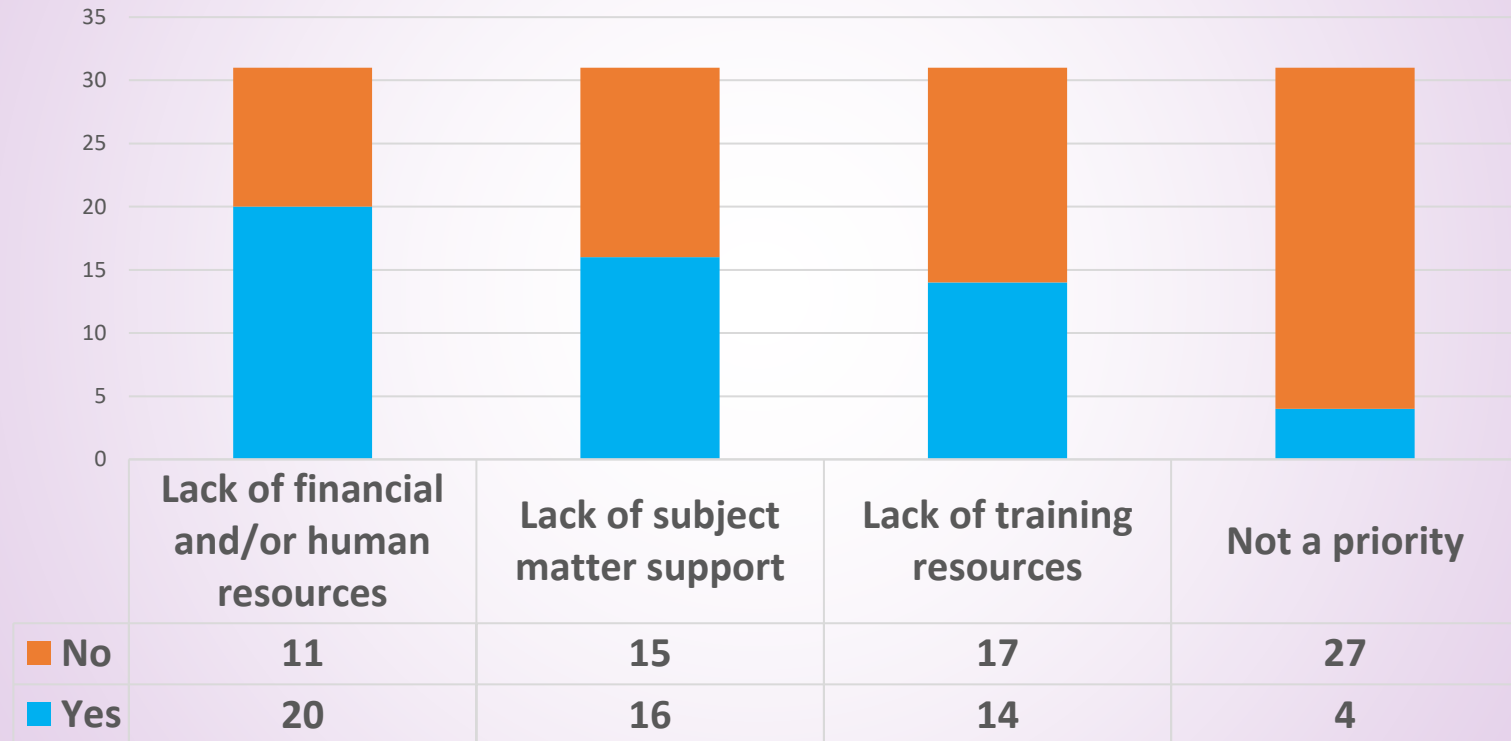
- **About half of countries** globally use special quality assurance frameworks, guidelines, methods or tools for the quality assessment of administrative data for the production of official statistics, with the highest rate of 75% in Africa.
- Globally, **about 40% of countries** globally use special quality assurance frameworks, guidelines, methods or tools for the quality assessment of data from other data sources used for the production of official statistics, with the highest rate of 68% in Asia and Pacific.
- **In countries in Africa, special guideline and special quality assurance frameworks** are the mostly used method for the assessment of data quality for both administrative data and other data sources.



Reasons for not having NQAF and plans to develop and implement one

based on 101 responses to the NQAF implementation survey received from 24th Aug 2022 to 28th Nov 2022

Why do you not have NQAF

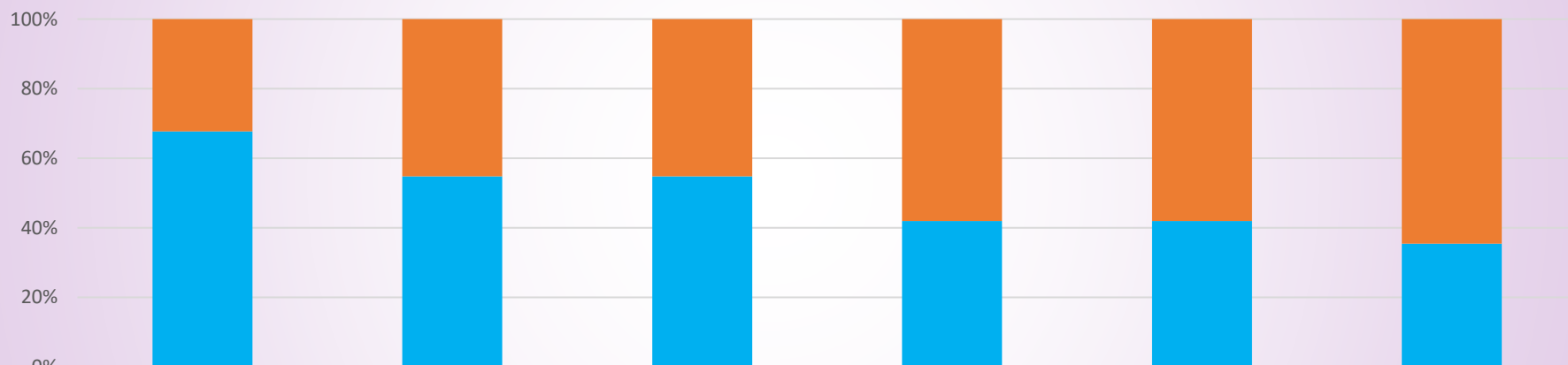


Of those responded, 71% plan to develop and implement NQAF. **Eight out of nine in countries from Africa plan to develop and implement NQAF.**

Assistance needed to develop and implement NQAF

based on 101 responses to the NQAF implementation survey received from 24th Aug 2022 to 28th Nov 2022

What assistance does your country need to develop and implement NQAF?



	Workshops or specific advisory services	Hands-on technical material and guidance	Design instruments and support its implementation	Additional financial resources	Additional human resources	Assess the current situation
No	10	14	14	18	18	20
Yes	21	17	17	13	13	11

