



Food and Agriculture
Organization of the
United Nations



50x2030
DATA-SMART AGRICULTURE

DATA PRODUCTION COMPONENT OF THE 50X2030 INITIATIVE: PRODUCING MORE AND BETTER DATA FOR POLICY MAKING

13 JUNE 2023
Webinar

Addressing the data needs: the data dissemination component

*Disseminating more, better, and timely data
for greater impact.*

Marie Vander Donckt - FAO



Data Dissemination under the 50x2030 Initiative

A sub-component of Data Production

The 50x2030 Data Dissemination (DD) sub-component works with partner countries at establishing and improving access to agricultural statistics by

- Promoting data dissemination policies and programmes as part of institutional processes,
- Increasing accessibility to agricultural statistics through systematic dissemination,
- Improving dissemination practices for greater accessibility and usability of the data, including microdata.

Guiding principle: Support the transformation toward modern and comprehensive dissemination program that

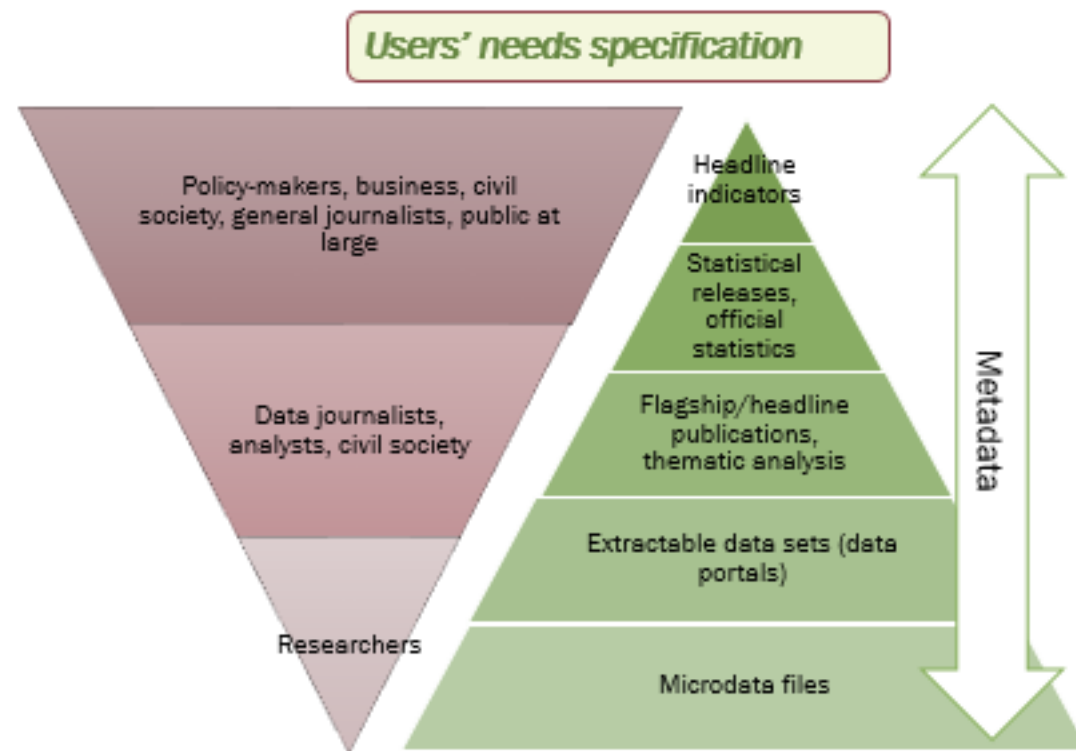
- ✓ *Satisfies best standards and international recommendations,*
- ✓ *Makes use of web-based tools,*
- ✓ *Fulfills users' needs.*

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Objectives & defining the targets

For each survey cycle, minimum set of on-line resources :

1. **Statistical bulletin** (pdf) and **full set of tables** (excel annexes) available on-line.
2. **Aggregated tables / indicators released on interactive data portal**, in compliance with Open Data standards.
3. **Dissemination of agricultural survey microdata** and associated metadata.



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Technical assistance in practice

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FAO supports on:

- Design of tabulation plan;
- Data tabulation/Compilation of estimates;
- Producing, formatting and validating of statistical tables;
- Producing report outline, draft narrative; report lay-out and content formatting;
- Release and communication strategy.



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FAO supports on:

- Design and compilation of multi-dimensional statistical datasets;
- Preparation of documentation and metadata;
- Preparation of dashboard/visualizations;
- Decision on the portal system to be used by NSO, which should satisfy criteria like:
 - ✓ Easily accessible, machine-readable data that can be presented in tables or visualizations,
 - ✓ Cross-tabulation and partial or bulk downloads possible,
 - ✓ Avoid multiplication of portals.

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FAO supports on:

- The access model, access policy and terms of use;
- Microdata documentation (including the DDI-standard);
- Microdata anonymization or Statistical Disclosure Control (SDC);
- National Data Archive (NADA) as data cataloguing tool.

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Technical assistance in practice

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Supplemental overarching objectives and support on:

Improvement of statistical release protocols, including

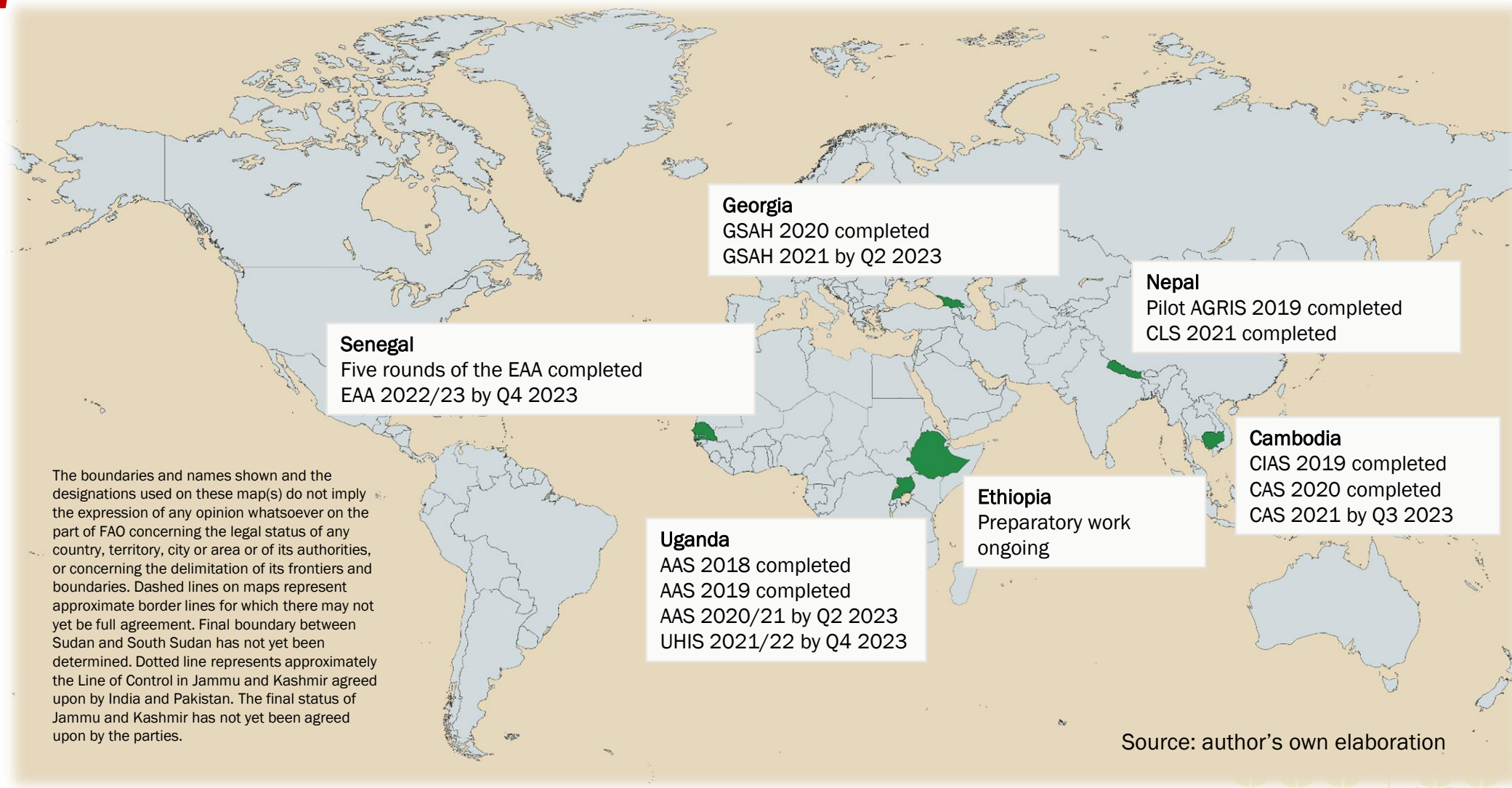
- *Release calendar,*
- *Communication strategy and use of social media;*
- *Enhanced user support management;*
- *Users' request management protocols;*

Progressive reduction in timeline (increased timeliness of data)

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Implementation: Where are we?

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Case study: The Cambodia Agricultural Survey (CAS)

On-line resources available from the [National Institute of Statistics of Cambodia](#) website (example from the CAS 2020) :

- ✓ [CAS 2020 full report](#). The report provides extensive information in the form of graphic and tabular analysis on crop, livestock and fisheries industries and the technical, agricultural, environmental, economic and social conditions of Cambodian agricultural households;
- ✓ [CAS 2020 statistical release](#); an informative, visual and easy to read brief that sketch out the household agricultural sector in Cambodia.
- ✓ [CAS 2020 e-book on thematic maps](#) with an ample variety of maps presented in this report helping to bring the Cambodian agricultural households' story to life.
- ✓ Dynamic statistical tables are available on the [NIS CAMSTAT](#) platform for flexible handling and design of tables which can then be downloaded by the users.
- ✓ For advanced analysis, the [CIAS 2020 anonymized microdata files](#) and the associated documentation, including questionnaires and DDI-metadata (variable level documentation) are catalogued on the NIS Data Archive.



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Case study: Annual Agricultural Survey of Senegal (EAA)

For the for the 2017/18 to 2021/22 EAA surveys Senegal “Direction de l’Analyse et de la Prévision des Statistiques Agricoles” (MoA) makes available to users a wide range of resources for in-depth analyses:

- EAA full reports;
- EAA statistical tables to be downloaded from the SSN Senegal Open Data platform
- Anonymized micro-data files for the 2017/18 to 2021/22 EAA surveys

Moreover, in support to the public policy debate, the DAPSA also produced thematic notes are accessible from DAPSA’s website:

- Access to finance by agricultural households (« L’accès au financement par les ménages agricoles. Mise en application avec les données de l’EAA au Sénégal »)
- Access to agricultural land among youth and women in Senegal (« L’accès au foncier agricole par les jeunes et les femmes au Sénégal. Mise en application avec les données de l’EAA au Sénégal »)
- Family-type farms in Senegal (« Les exploitations agricoles de type familial au Sénégal »)



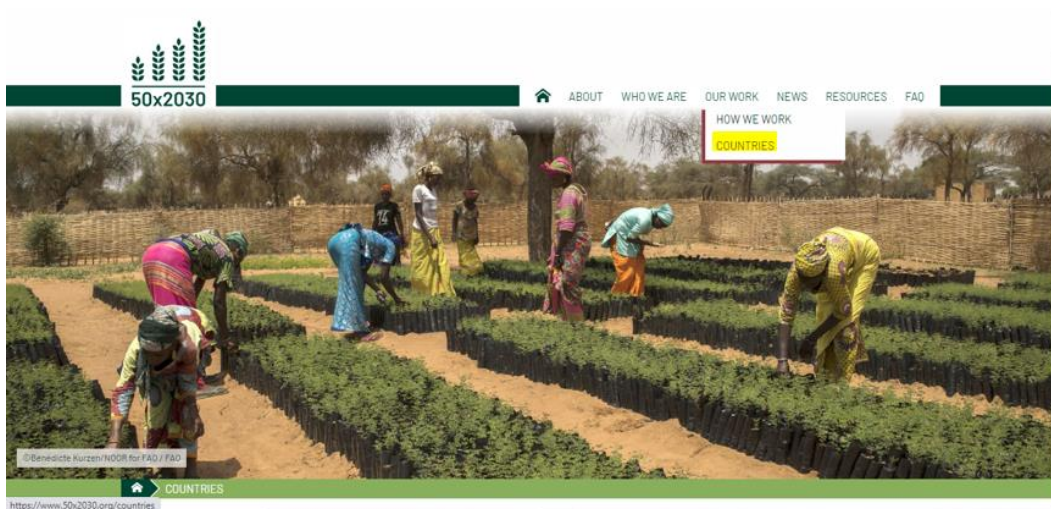
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How to find the data?

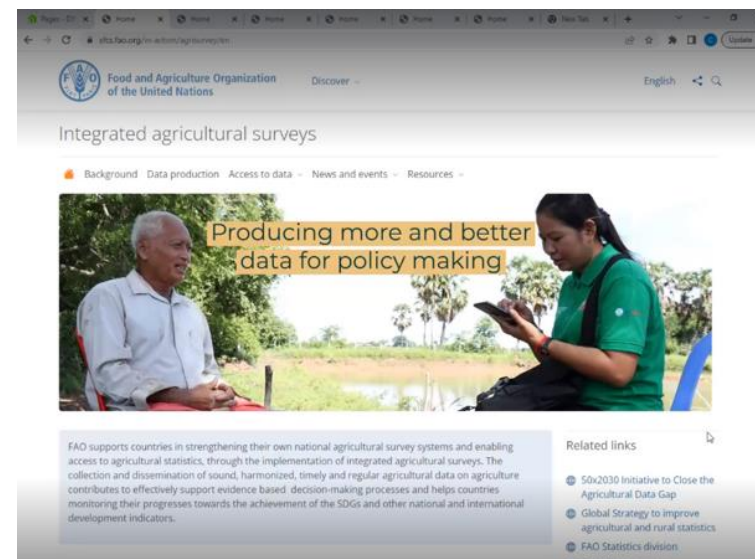
Data directly available from the national website and data portals of the partner statistical agencies.

FAO and Program Management Team (PMT) of 50x2030 actively working at developing national pages referencing all resources available.

www.50x2030.org (Official website)



<https://www.fao.org/food-agriculture-statistics/en/>
(FAO Statistics – Statistical Capacity Development)



For microdata, studies also referenced on the Food and Agriculture Microdata Catalogue of FAO
(<https://www.fao.org/food-agriculture-microdata/en/>)

Thank you



Register [here](#) to join the Data and Statistics Technical Network.