WELCOME
RULES

• Turn OFF your mic & camera
• Ask questions by text message
• The webinar is recorded
PLAN

1. Objectives
2. The use of a data landscape exercise
3. The preparation of a data landscape report
4. Challenges and solutions
1. Objectives of the data landscape

The main objective for conducting a data landscape exercise is to provide an overview of the availability, accessibility and quality of indicators of interest to the NIPN.
Definitions
2. The use of a data landscape exercise
The data landscape exercise can be used...

A- ..to establish which data are available, accessible and of sufficient quality to respond to a relevant nutrition policy question

- The Data Landscape is one of the first activities of a NIPN
- The Data Landscape provides an initial picture of the feasibility to respond to a policy question
- Further investigations will most probably be needed
The data landscape exercise can be used...

B- ...to initiate a process to progressively have a more and more detailed picture of the information available
The data landscape exercise can be used...

C- ...to provide inputs for the NIPN data management strategy
The data landscape exercise can be used...

D- ...to provide actionable recommendations to improve the nutrition information system
3. The Preparation of a data landscape report
<table>
<thead>
<tr>
<th>Description of the National Statistical System</th>
<th>Data Providers mapping</th>
<th>Information Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institutions &amp; mandates</td>
<td>Institutions &amp; their capacity &amp; the information systems they manage</td>
<td>How the data is collected?</td>
</tr>
<tr>
<td>Current organisation &amp; legislation</td>
<td></td>
<td>Indicators collected?</td>
</tr>
<tr>
<td>Key priorities &amp; bottlenecks</td>
<td></td>
<td>Accessibility?</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Use of the information?</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Indicator Matrix</th>
<th>Recommendations</th>
<th>The way forward</th>
</tr>
</thead>
<tbody>
<tr>
<td>List of indicators available.</td>
<td>For improving the nutrition information</td>
<td>How to update the data landscape?</td>
</tr>
<tr>
<td>Dataset where the indicator can be found.</td>
<td>For designing the NIPN repository</td>
<td>How to complete the information?</td>
</tr>
<tr>
<td>Years of data collection.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

...
4. Challenges

Challenge #1 Manage the scope of the data landscape exercise

Challenge #2 Access to raw data sets

Challenge #3 Harmonisation of indicators

Challenge #4 Cost, time needed
**Challenge #1** Manage the scope of the data landscape exercise

- Build on what exists (National Strategy on statistics, SUN, Dure...)
- We recommend to focus on the **central level**
- Don’t forget data on **finance** and **coverage of interventions**

**Option 1**
Exclude indicator matrix

Limit the exercise to the level of the information systems & description of datasets

**Option 2**
Include indicator matrix
Challenge #1 Manage the scope of the data landscape exercise

Option 1
Exclude indicator matrix

Limit the exercise to the level of the information systems & description of datasets

- Limit the range of datasets to investigate by selecting key data providers (ex: key sectors involved in the MPAN)

- Decide on the level of detail of the information to collect for each dataset
Challenge #1 Manage the scope of the data landscape exercise

Option 2
Include indicator matrix

- Limit the range of indicators to investigate by
  - selecting key data providers (ex: key sectors involved in the MPAN)
  - Refer to key indicators
  - Adapt list of indicators from the SUN MEAL system

- Decide on the level of detail of the information to collect for each indicator
Challenge #2 Access to raw data sets can be problematic

• The data landscape exercise should
  – Investigate the formal process to obtain official permission to access the data
  – Interview external users on their experience in accessing the data
  – Make an attempt to effectively access the data

• Field experiences:
  – Develop relationships with data providers is key
  – Involve data providers in the NIPN
  – Ex of NADA and organisation of workshops
Challenge #3 Harmonisation of indicators

- Ex:
  - Definition of indicator that change with time
  - Same indicator not having the same definition in 2 datasets
  - Same indicator but sampling method is different

- The question of harmonisation of indicators is addressed at the data analysis stage. However, when conducting a data landscape exercise, it is important to include information, such as indicator definitions, routine vs survey data, geographic scope, in the indicators matrix to identify challenges ahead.
Challenge #4 Cost, time needed

- Cost and time will vary from country to country depending on the scope and objectives of the exercise.
- Need to account for 2-3 face to face meetings with each data provider.
- Can be done with NIPN teams (ex Burkina Faso, 2 months) or through external consultant (ex Ivory Coast, Niger).
- In all cases, Terms of Reference have to be elaborated.
TIME FOR QUESTIONS
Key message

The data landscape is a **continuous exercise**
to get a more and more detailed picture
of the nutrition information available
What’s NEXT?

• If you have finalised your data landscape exercise, share your experience

• The guidance notes will be uploaded on NIPN website that includes:
  • Example of a Data provider mapping
  • Example of an Indicator matrix
  • Interview of Niger NIPN team

• Don’t hesitate to connect with GSF if you have requests / need support
### Example of a Data provider mapping

<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Information System managed</th>
<th>Capacity</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ministry of Health</td>
<td>HMIS (DHIS-2) (hyper link)</td>
<td>Lacks capacity for nutrition related data analysis.</td>
<td>Name &amp; position &amp; contact</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IT-specific staff available.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fully equipped</td>
<td></td>
</tr>
<tr>
<td>National Statistic Office</td>
<td>NADA repository; DEVINFO socio-economic indicators platform ; Nutrition Surveys ;</td>
<td>There is lack of capacity for nutrition related data analysis, particularly for food consumption analysis.</td>
<td>Name &amp; position &amp; contact</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IT-specific staff available.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fully equipped</td>
<td></td>
</tr>
</tbody>
</table>
- Example of an Indicator Matrix

<table>
<thead>
<tr>
<th>Definition</th>
<th>Data Collection Method</th>
<th>Name of the Database</th>
<th>Frequency of Data Collection</th>
<th>Years/Month when data was collected</th>
<th>Frequency of reporting</th>
<th>Data Quality Control Mechanism</th>
<th>Data Quality Appreciation</th>
<th>Geographic level of disaggregation</th>
<th>Organisation in charge of data collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under-5 stunting</td>
<td>Survey</td>
<td>NNS</td>
<td>year</td>
<td>2017 - Sept ; 2016 per survey</td>
<td>SMART Data</td>
<td>Score available</td>
<td>Region</td>
<td>National for sur</td>
<td>NSO</td>
</tr>
<tr>
<td>Under-5 stunting</td>
<td>Survey</td>
<td>DHS</td>
<td>3-5 years</td>
<td>2015 - Jan ; 2010 per survey</td>
<td>DHS Dat Qual.</td>
<td>Per survey</td>
<td></td>
<td>National for sur</td>
<td>NSO</td>
</tr>
<tr>
<td>Proportion of child</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NSO</td>
</tr>
<tr>
<td>Proportion of child</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NSO</td>
</tr>
<tr>
<td>Proportion of 6-11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NSO</td>
</tr>
<tr>
<td>Proportion of male</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NSO</td>
</tr>
<tr>
<td>Budget percentage</td>
<td>Annual Budget</td>
<td>2017 Dec</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NSO</td>
</tr>
</tbody>
</table>