Essential Needs and Nutrition Assessment (ENNA), in Northeast (Borno, Adamawa & Yobe), Northwest (Kaduna, Katsina, Sokoto & Zamfara), and Northcentral (Benue & Niger) States

Abuja, Nigeria
August 2021
Outline

- Objective & Justification
- Approach
- Methodology
- Sample Size & Coverage
- Training & Data Collection
- Assessment Timeline
Background & Justification

- Conflict, banditry and concerning food insecurity trends in the northeast, northwest and northcentral areas of Nigeria;

- Continued generation of essential needs, food security and nutrition (MUAC) and baseline data in existing and new states (*CH analysis*, *HNO/HRP*, programmatic planning);

- Joint planning for October 2021 and February 2022 ENNA to optimize effectiveness of planning efforts.
<table>
<thead>
<tr>
<th></th>
<th>October 2021</th>
<th>February 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purpose</strong></td>
<td>Comprehensive assessment for CH and humanitarian programme design, including in-depth ENNA report</td>
<td>CH-oriented</td>
</tr>
<tr>
<td><strong>Indicators</strong></td>
<td>All indicators, including humanitarian programme monitoring</td>
<td>CH outcome indicators, CH contributing factors</td>
</tr>
<tr>
<td><strong>Planning / Field work</strong></td>
<td>Extensive enumerator recruitment and training (5 days)</td>
<td>Short training (2 days), experienced enumerators only</td>
</tr>
<tr>
<td><strong>Sample</strong></td>
<td>LGA (phase 3+) or domain sample (max 20,000 HH (BAY), other states)</td>
<td>Domain or senatorial zone sample (max 6000 HH - BAY), other states TBD</td>
</tr>
<tr>
<td><strong>WFP footprint</strong></td>
<td>WFP technical leadership and funding, government implementation</td>
<td>WFP funding, government technical leadership and implementation</td>
</tr>
</tbody>
</table>
ENNA (General Population & IDPs)
- Traditional Demographic (displacement, gender of HoH, assets ownership, income & livelihoods etc.) & Food Security Indicators (FCS, rCSI, LCS, FES, HDDS, HHS etc.)
- Minimum Expenditure Basket (MEB) + unmet needs
- Debt, MPI, Perceived needs of HHs
- Nutrition (MUAC)

Food Security Outcome Monitoring (WFP, govt & partner Beneficiaries)
- Nutrition Indicators (MDDW, Adherence)
- Asset creation and Livelihood Indicators (EBI, ABI)
- Crosscutting Indicators (Gender, Protection & Safety, AAP)
- Assistance utilization by modality (food and CBT)

ENNA (General Population & IDPs)
- Key CH indicators (outcomes – FCS, HHS, HDDS etc.) and contributing factors (food availability, access, shocks etc.)
Methodology

**Host Communities**

- Cross Sectional Design
- 2 Stage Cluster Design (1st Stage – EA/IDP site selection & 2nd Stage – HH selection)
- LGA level sampling in northeast & senatorial zone level sampling in other areas

**ENA**

**FSOM**

- Cross Sectional Design
- 2 Stage Cluster Design (1st Stage – Distribution site clusters & 2nd Stage – HH selection)
- LGA level sampling

**Opportunistic MUAC Screening** (all children aged 6 - 59 months in interviewed households)

**Concurrent Data Collection** by trained enumerators from Government (NBS, NPoPC & NPFS) & FSS partners
Coverage
### Northeast BAY States (October 2021)

<table>
<thead>
<tr>
<th>STATE</th>
<th>STRATA</th>
<th>ENNA</th>
<th>WFP</th>
<th>NEMA/SEMA</th>
<th>FSS (Others)</th>
<th>Total Sample (ENNA + FSOM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SO1</td>
<td>SO2</td>
<td></td>
</tr>
<tr>
<td>Borno</td>
<td>LGA (Phase 3)</td>
<td>3,460</td>
<td>1,960</td>
<td>100</td>
<td></td>
<td>225</td>
</tr>
<tr>
<td></td>
<td>LGA (Phase 2)</td>
<td>1,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>1,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub-total</td>
<td>5,860</td>
<td>1,960</td>
<td>100</td>
<td></td>
<td>225</td>
</tr>
<tr>
<td>Adamawa</td>
<td>LGA (Phase 3)</td>
<td>780</td>
<td>240</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LGA (Phase 2)</td>
<td>2,700</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub-total</td>
<td>3,480</td>
<td>240</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yobe</td>
<td>LGA (Phase 3)</td>
<td>3,880</td>
<td>740</td>
<td>300</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LGA (Phase 2)</td>
<td>400</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub-total</td>
<td>4,280</td>
<td>740</td>
<td>300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>13,620</td>
<td>2,940</td>
<td>400</td>
<td></td>
<td>225</td>
</tr>
</tbody>
</table>
### Sample Size

**Northwest and Northcentral States (October 2021)**

<table>
<thead>
<tr>
<th>STATE</th>
<th>STRATA</th>
<th>SAMPLE SIZE BY STRATUM</th>
<th>NUMBER OF CLUSTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>KADUNA</strong></td>
<td>Senatorial Zone</td>
<td>900</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>***Chikum</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-total</strong></td>
<td><strong>1,500</strong></td>
<td><strong>150</strong></td>
</tr>
<tr>
<td><strong>KATSINA</strong></td>
<td>Senatorial Zone</td>
<td>900</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>***Batsari</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-total</strong></td>
<td><strong>1,500</strong></td>
<td><strong>150</strong></td>
</tr>
<tr>
<td><strong>SOKOTO</strong></td>
<td>Senatorial Zone</td>
<td>900</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>***Sabon Birni</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-total</strong></td>
<td><strong>1,500</strong></td>
<td><strong>150</strong></td>
</tr>
<tr>
<td><strong>ZAMFARA</strong></td>
<td>General Population</td>
<td>900</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>***Batsari</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Anka (WFP FSOM)</strong></td>
<td>80</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-total</strong></td>
<td><strong>1,580</strong></td>
<td><strong>158</strong></td>
</tr>
<tr>
<td><strong>NIGER</strong></td>
<td>Senatorial Zone</td>
<td>900</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>***Shiroro</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-total</strong></td>
<td><strong>1,500</strong></td>
<td><strong>150</strong></td>
</tr>
<tr>
<td><strong>BENUE</strong></td>
<td>Senatorial Zone</td>
<td>900</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>IDPs</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>***Makurdi</td>
<td>300</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-total</strong></td>
<td><strong>1,500</strong></td>
<td><strong>150</strong></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>9,080</strong></td>
<td><strong>908</strong></td>
</tr>
</tbody>
</table>
## Sample Size and Coverage

### February 2022

<table>
<thead>
<tr>
<th>State</th>
<th>Strata/Senatorial Zones &amp; IDPs</th>
<th>Number of domains/ senatorial zones</th>
<th>Sample Size Per State</th>
<th>Number of Clusters Required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Northeast</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borno</td>
<td>10</td>
<td>2,400</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>Yobe</td>
<td>7</td>
<td>1,700</td>
<td>170</td>
<td></td>
</tr>
<tr>
<td>Adamawa</td>
<td>5</td>
<td>2,100</td>
<td>210</td>
<td></td>
</tr>
<tr>
<td><strong>Sub-Total</strong></td>
<td><strong>22</strong></td>
<td><strong>6,200</strong></td>
<td><strong>620</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Northwest &amp; Northcentral</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State 1</td>
<td>3</td>
<td>600</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>State 2</td>
<td>3</td>
<td>600</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>State 3</td>
<td>3</td>
<td>600</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>IDPs*</td>
<td>3</td>
<td>600</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td><strong>Sub-Total</strong></td>
<td><strong>12</strong></td>
<td><strong>2,400</strong></td>
<td><strong>240</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34</strong></td>
<td><strong>8,600</strong></td>
<td><strong>860</strong></td>
<td></td>
</tr>
</tbody>
</table>

### October 2021 versus February 2022 (How does that Compare?)

<table>
<thead>
<tr>
<th>Region (States)</th>
<th>October 2021</th>
<th>February 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast (BAY States)</td>
<td>17,660</td>
<td>6,200</td>
</tr>
<tr>
<td>Northwest (Sokoto, Katsina, Zamfara, Kaduna)</td>
<td>6,080</td>
<td>2,400</td>
</tr>
<tr>
<td>Northcentral (Niger, Benue)</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>26,740</strong></td>
<td><strong>8,600</strong></td>
</tr>
</tbody>
</table>
## Training

### October 2021

<table>
<thead>
<tr>
<th>Region(s)</th>
<th>ENNA Coverage State(s)</th>
<th>Training Centre Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training of Trainers (Centralized)</td>
<td></td>
<td>Abuja, Federal Capital Territory</td>
</tr>
<tr>
<td>Northeast</td>
<td>Borno</td>
<td>Maiduguri, Borno State</td>
</tr>
<tr>
<td>Northeast</td>
<td>Yobe</td>
<td>Damaturu, Yobe State</td>
</tr>
<tr>
<td>Northeast</td>
<td>Adamawa</td>
<td>Yola, Adamawa State</td>
</tr>
<tr>
<td>Northwest</td>
<td>Katsina, Sokoto, Zamfara</td>
<td>Sokoto, Sokoto State</td>
</tr>
<tr>
<td>Northwest and Northcentral</td>
<td>Kaduna, Niger and Benue</td>
<td>Abuja, Federal Capital Territory</td>
</tr>
</tbody>
</table>

### February 2022

<table>
<thead>
<tr>
<th>Region(s)</th>
<th>ENNA Coverage State(s)</th>
<th>Training Centre Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast</td>
<td>Borno</td>
<td>Maiduguri, Borno State</td>
</tr>
<tr>
<td>Northeast</td>
<td>Yobe</td>
<td>Damaturu, Yobe State</td>
</tr>
<tr>
<td>Northeast</td>
<td>Adamawa</td>
<td>Yola, Adamawa State</td>
</tr>
<tr>
<td>Northwest and Northcentral</td>
<td>To be determined</td>
<td>To be determined</td>
</tr>
</tbody>
</table>

- Centralized 3 – Day Training of Trainers (ToT)
- 5 – Day State Level Training Planned across 5 training centres
- 282 enumerators from government and partners to be trained
- Centralized 1 – Day Training of Trainers (ToT)
- 3 – Day State Level “Refresher Training” Planned across 4 training centres
- Only trained enumerators from October 2021 ENNA would be engaged
Data Collection

Data collection largely by government enumerators in 26,000+ households across all states except for Borno (garrison LGAs with access constraints)

- Mobbar
- Bama
- Gwoza
- Dikwa
- Ngala
- Kala Balge
- Damboa
- Konduga
- Magumeri
- Monguno
- Gubio
<table>
<thead>
<tr>
<th>ID</th>
<th>Activity</th>
<th>Timeline</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>October 2021</td>
</tr>
<tr>
<td>1</td>
<td>ENNA Training of Trainers</td>
<td>Wednesday, 1st to Friday, 3rd September 2021</td>
</tr>
<tr>
<td>2</td>
<td>ENNA State Level Training</td>
<td>Monday 6th to Friday 10th September 2021 (5 days)</td>
</tr>
<tr>
<td>3</td>
<td>ENNA Field Work</td>
<td>Saturday 11th September to Tuesday 5th October 2021 (25 days)</td>
</tr>
<tr>
<td>4</td>
<td><strong>ENNA Capacity Development Workshop</strong></td>
<td>Monday 11th to Friday 15th October 2021 (5 days)</td>
</tr>
<tr>
<td>5</td>
<td>Cadre Harmonise Analysis – National and State Level Workshops</td>
<td>Monday 25th October to Friday 5th November 2021</td>
</tr>
<tr>
<td></td>
<td></td>
<td>February 2022</td>
</tr>
<tr>
<td>1</td>
<td>ENNA Training of Trainers</td>
<td>Monday, 24th January 2022</td>
</tr>
<tr>
<td>2</td>
<td>ENNA State Level Training</td>
<td>Wednesday 26th to Thursday 27th January 2022 (2 days)</td>
</tr>
<tr>
<td>3</td>
<td>ENNA Field Work</td>
<td>Friday 28th January to Monday 21st February 2022 (25 days)</td>
</tr>
<tr>
<td>4</td>
<td>Cadre Harmonise Analysis – National and State Level Workshops</td>
<td>Week 1 of March 2022</td>
</tr>
</tbody>
</table>
Thank you