IMPROVING NUTRITION THROUGH ACCOUNTABILITY & DATA SYSTEMS

SMART Nutrition for Growth (N4G) Data Commitments

TOKYO NUTRITION For GROWTH SUMMIT 2021

Food, Health, & Prosperity for All

17 November 2021 8:00-9:30 AM EST | 2:00-3:30 PM WAT | 6:30-8:00 PM IST



Moderator Introduction

Today's Moderator



Sérgio Cooper Teixeira Strategic Advisor

Nutrition International

 Today's event was organized by the Nutrition Data Partners Group





Select your language now

Translation is available in English, French, and Spanish.

To enable translation:

- 1. Select the interpretation button
- 2. Choose your preferred language



You may want to also select "mute original audio"



Before we start

- All audience video & microphones are disabled
- Use the Q&A button to submit your questions for the speakers & panelists



- Use the chat to "all panelists" if you have any technical issues
- A recording will be available on the **Data for Nutrition YouTube channel** immediately after the webinar
- Presentations & discussion recap will be available in the weeks following



Speaker Introduction



Kellie Stewart

Chief, Nutrition and Environmental Health Division, Bureau of Global Health, USAID



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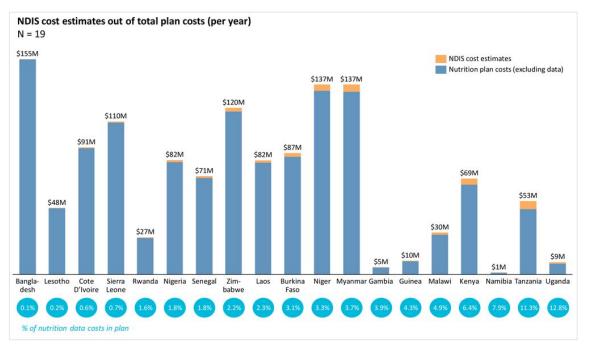
Food, Health, & Prosperity for All

Welcome on behalf of the Nutrition Data Partners Group



Few countries have made strategic investments in nutrition data and M&E activities

DataDENT conducted a <u>2019 review</u> of Scaling Up Nutrition (SUN) national nutrition plans

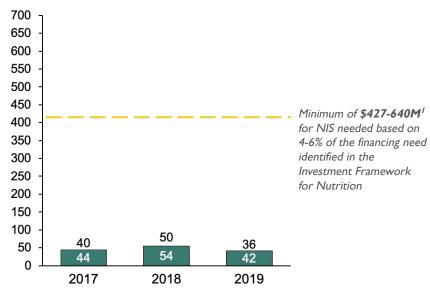


The review found:

- Only 33 of 58 countries had costed plans with sections on data, and monitoring and evaluation (M&E)
- Of these, only 0.1% to 12.8% of the total budget was allocated for data and M&E activities

Minimal funding is allocated to nutrition data

Total spending towards nutrition information systems (NIS) in 2017-2019, millions USD



- A very small amount of funding is budgeted for nutrition data-related activities, including nutrition information systems
- Funding appears to be plateauing despite growing need
- Donor disbursements between 2017-2019 fell short of a 5% benchmark for total funding for nutrition data

1. The Global Investment Framework for Nutrition estimates that \$70b is needed from all sources over the next 10 years to reach the WHA targets for nutrition. Therefore, for one year, we assumed there is a need of \$10.4b in financing for nutrition. We then took 98% of this number to account only for direct program costs. Next, we applied the 4-6% benchmark determined by the N4G financing working group to this estimate i.e., 98% of \$10.4b which gave us the estimate of \$427m to \$640m per year needed for nutrition data related activities.

Call to action – increase investment in nutrition data and information systems

- Allocate at least 5% of total nutrition funding to strengthening data and information systems
- Attend to all elements of the nutrition data value chain, ranging from prioritizing what data to collect to fostering a culture of data use
- Facilitate linkages between and access to nutrition and food systems data by all actors across sectors
- Ensure a robust internal system to track N4G commitments



Commitments to strengthen nutrition data value chains



Recommendations from the Nutrition Data Partners Group

August 2021







COMMITMENT TO STRENGTHENING NUTRITION DATA VALUE CHAINS

Data Prioritization & Planning

Speaker Introduction



Purnima Menon Senior Research Fellow International Food Policy Research Institute



Divya Nair Director-II ID Insight - New Delhi



Nutrition for Growth Summit | Side Event on Data for Nutrition

Prioritizing data to track progress on nutrition and improve nutrition actions in India

Purnima Menon, IFPRI South Asia Divya Nair, IDinsight, India

November 17, 2021





India is well-positioned to be a leading example of nutrition data use across the data value chain given the strong data focus of the National Nutrition Mission. Several uses of data were anticipated and are in place.

Tracking progress, reporting & assessing impact

- Interventions
- Immediate determinants
- Underlying determinants
- Outcomes

Using data for <u>strategy</u> refinement at different levels

- Intervention reach, convergence, continuity
- Immediate determinants
- Underlying determinants
- Outcomes

Using data for <u>program</u> refinements

- Intervention inputs (HR, supplies, etc.)
- Intervention reach, quality, continuity, uptake
- Convergence of different interventions

Review mechanisms for the National Nutrition Mission (POSHAN Abhiyaan) exist at different levels, but guidance for effective data use was limited at the time the mission launch



IDinsight

Outlining a nutrition indicator framework was an important early step. This was done jointly by NITI Aayog, IFPRI & IDinsight

- Organized framework around interventions, determinants and impacts and by intervention theory of change
- Put together a framework of potential indicators, based on the POSHAN Abhiyaan theory of change and existing interventions in the core national programs (ICDS and NHM)
- Assessed data availability across different data sources through survey and administrative data review
- **Summarized insights** into an **approach paper** on issues to consider in developing a nutrition monitoring strategy and framework for India



Tracking India's Progress on Addressing Malnutrition: What will it Take?

INTRODUCTION

India has a robust policy framework for nutrition that covers most evidence-based interventions (Vir et al. 2013), and it has in place large-scale national program platforms - the Integrated Child Development Services and the National Rural Health Mission - with the mandate to deliver diverse nutrition interventions (Avula et al. 2013). The National Nutrition Strategy (NITI Aayog 2017) and POSHAN Abhiyaan', India's national nutrition mission launched in early 2018, provide an updated strategic framework for action to improve nutritional outcomes for children, pregnant women, and lactating mothers. The mission-mode approach provides an impetus to strengthen not only the implementation but also the monitoring and measurement of progress. The mission explicitly notes that NITI Aayog has a mandate to lead on the monitoring and evaluation of POSHAN Abhiyaan.

This Policy Note, developed jointly with NITI Aarog and Ubright, aims to provide guidance to national, state, and district level government official/stale/holders on issues to consider on the use of data to tack progress on nutrition interventions, immediate and underlying determinants, and outcomes. It proposes an indicator framework for POSHAN Abhyaan and esamines availability of data on these indicators across both population-based surveys and administrative data systems. Finally, it lays out issues to be considered in strengthening efforts to improve the use of data in the context of POSHAN Abhyaan and makes key recommendations on improving data availability and improving the use of currently available data.

WHAT DID WE DO?

We first generated a comprehensive list of evidencebased interventions, determinants, and outcomes that align with POSHAN Abhivaan's framework. We then identified potential indicators for each of these. POSHAN Abhivaan's interventions cut across the lifecycle from adolescence, preconception, pregnancy, delivery, postnatal, newborn care, all the way through early childhood (Figure 1). For determinants, we focused both on immediate determinants, such as maternal nutrition, infant and young child feeding (IYCF) and child health, and underlying determinants, such as sanitation, early marriage and others. Finally, for outcomes, we focused on the stated target goals of POSHAN Abhiyaan as well as the nutrition-related Sustainable Development Goals (SDGs) to which India has committed.

Using a list of indicators for the interventions, determinants and outcomes articulated in the POSHAN Abhyaan framework, we examined the availability of data on these across multiple data sources, including population-based household surveys and administrative data. We reviewed the questionnaires used in the National Family Health Survey (PNH5-4 2015-16); the Comprehensive National Nutrition Survey (CNNS 2016-18); the Aspirational Districts Programme (ADP) Survey (first and socid nounds 2015-19) (Diresight



Development of the framework identified several data gaps but also provided the nutrition community an organizing rubric to work with data



- Of the **55** interventions across the first 1000 days, **six** interventions had data across all data sources.
- For **nine interventions**, no data was available from any source.
- Surveys provided data on **36** interventions and administrative systems had data on **42** interventions.
- Data definitions and denominators vary by source, making comparisons challenging.
- Data frequency also varies tremendously

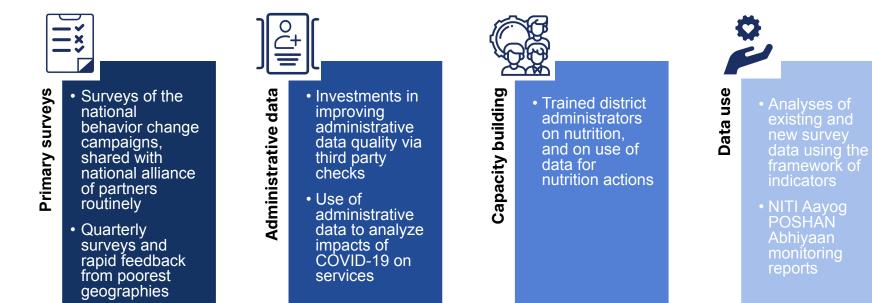
Figure: Interventions, immediate and underlying determinants targeted by POSHAN Abhiyaan

IDinsight

POSHAN Abhiyaan Progress Reports: Led by NITI Aayog as a monitoring entity for the National Nutrition Mission



Some uses of data for nutrition in India since the National Nutrition Mission began in 2018





IDinsight

Reflections on improving data use

Ownership across levels is key:

Data interlocutors and data engagement around prioritized indicators is essential; implementation entities have limited bandwidth

• Flexibility helps:

Being able to work with flawed and incomplete data is often important

• Value of evidence/data needs to be clear:

Continuing to work on filling data gaps is important at many levels (global, national, local).

 Still too many interventions, actions, determinants without any data to assess progress





IDinsight

Nutrition for Growth Summit | Side Event on Data for Nutrition



Thank you

Global guidance on national nutrition information systems

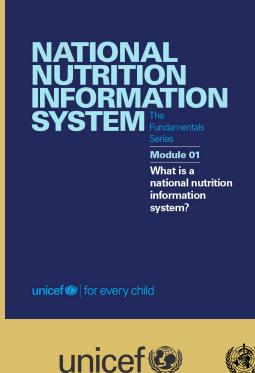
UNICEF-WHO TEAM just launched:

- The Fundamental Series with 5 modules
- An e-course

to support countries in the design and implementation of **National Nutrition Information Systems.**

Learn more: https://uni.cf/nnis-guidance









COMMITMENT TO STRENGTHENING NUTRITION DATA VALUE CHAINS

Data Creation & Collection, Curation, & Analysis

Speaker Introduction



Isaac Dambula

Deputy Director of Planning Ministry of Health, Malawi



Dr. SM Mustafizur Rahman

Director of the National Nutrition Service, Institute of Public Health & Nutrition, Ministry of Health & Family Welfare, Bangladesh





Introducing and Integrating Nutrition Data in DHIS2 for both development and emergency contexts: Malawi

Presented by Mr. Isaac Dambula MoH Deputy Director - DPPD

Background - Nutrition Context in Malawi

- Malawi has made progress in its efforts to reduce malnutrition:
 - Wasting has reduced: Malawi is on-track to reach the WHA goal for wasting
 - Vitamin A deficiency reduced among pre-schoolers (6–59 months) from 59.2% in 2003 to 3.6% in 2016
 - While stunting has been reducing, still 4 in every 10 children (37%) are stunted: increased efforts for further reduction underway
 - At least 1 in every 10 children aged 6–23 months meet the minimum acceptable dietary standards
 - Overweight is gradually increasing, and anemia rates among children and adolescents remain high
- Malawi migrated from multiple nutrition reporting databases within health to DHIS2
- Requires technical & human capacity building for sustainability
- Nutrition program data reporting coverage in HMIS/DHIS2 is across all 29 districts
- Partners supporting nutrition program include UNICEF, WFP, USAID, GIZ, DFID, WVI and Irish Aid





Data Collection Processes and Integration



Programmes reporting include:

- CMAM Stock Sheet
- NCST
- NRU
- OTP
- SFP

Guiding policies and documents:

- National Multi-Sector Nutrition Policy & Strategy
- Nutrition Indicator Handbook
- HIS Policy
- M & E HIS Strategy
- Health Sector Strategic Plan II
- SoP on Data Collection, reporting and storage
- SoP on data quality

National Level

- Data set customization in DHIS2
- Reporting rates analysis 25th of every month

District Level

- Perform data set assignment to reporting organization units
- Create users with data entry roles
- Perform data validation for facility reports
- Data entered in DHIS2 by 15th of every month

Facility Level

- Reporting forms filled and sent to DHO 5th of every month
- Data entered in DHIS2 by 15th of every month (DHIS2 mobile sites implemented in 13 districts)

Data Flow

National Level Directors, Deputy Directors, Senior Mgt,National Program Managers



Data Use and Lessons Learnt



Data Use

- Data analysis through visualization tools in HMIS
- HMIS Bulletin produced by CMED covering National level
 program indicators
- Customization of nutrition indicators and dashboards
- Promoting use of dashboards

Lessons Learnt

- Clarity on roles and responsibilities is important
- Integrating program reporting in DHIS2 improves collaboration across all levels of the healthcare system
- Configuration of validation rules is important to limit data entry error
- Creating data demand is important data quality improves as data is used
- Infrastructure investment is required for robust HMIS

THANK YOU!



Introducing and Integrating Nutrition in DHIS2 for Both Developmental and Emergencies Context in Bangladesh

S M Mustafizur Rahman

Line Director, National Nutrition Services Ministry of Health and Family Welfare, Bangladesh

POPULATION



Provided support through District Nutrition Support Officer (DNSO) in 43 districts

Mainstreaming of National Nutrition Services(NNS)

- The Government of Bangladesh introduced National Nutrition Service (NNS) in 2011, to mainstream nutrition service delivery through the health sector.
- But, two bottlenecks identified:
 - 1. Inadequate management and tracking of nutrition plans at districts and sub-district levels.
 - 2. Limited health worker skills to deliver quality nutrition services
 - No mechanism to strengthen accountability and improve quality and coverage of nutrition services

Core Nutrition Indicators

Goal: To reduce malnutrition and improve nutritional status of the peoples of Bangladesh with special emphasis to the children, adolescents, pregnant & lactating women, elderly, poor, underserved population of both rural and urban area and in emergency context

Impact	Reduction of anemia in WRA	Reduction in stunting	Reduction in stunting		Reduction in wasting				
Outcome		Increased prevalence breastfeeding	of Exc	Increased minimum acceptable diet					
Output		Ws who ceive IFAs	Pregnant women weighed	Child weight monitoring	IYCF counselling	SAM Management		vitamin A supplementation	
Inputs	Effective nutrition		Enhanced capacity of planners and service provider		Ensure responsive quality services- Quality Control & Supportive Supervision % of facilities receiving SS&M		n Ensure adequate		
	Information system CC reporting	% of Health	% of Health workers trained on CCTN with P4P				IFA tablets		
	FWC reporting	% of workers	passing the training uptake		% of facilities providing quality IYCF/Maternal counselling		Counselling materials Vitamin A Capsules		
	IMCI-N reporting		assessments		% of facilities providing quality Nut reporting		Anthropometry tools		
	SAM corners reporting		% of DNOs trained in nutrition planning and supportive supervision				F-75 and F-100 therapeutic feeding		

Effort to Implement

1. Child Health Register-9 nutrition





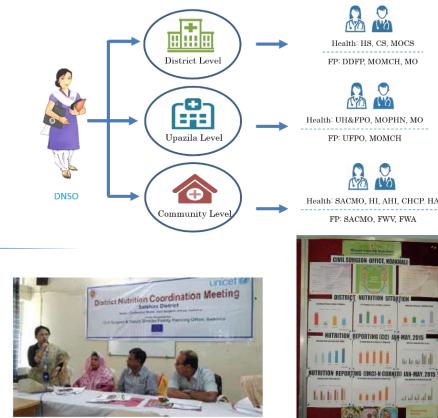




DHIS-2 monthly reporting form

- 1. IFA distribution
- 2. Counselling
- 3. Weighing

Source: DNSO, Satkhira



Innovations

Multi Function Data Visualization Platform MUKTO pull data from DHIS2

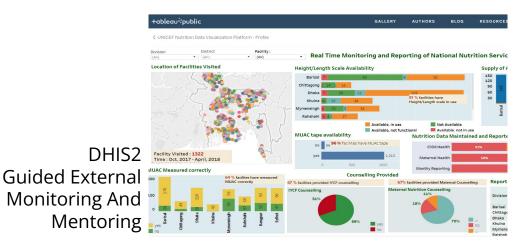


Use of DHIS2 individual tracker for nutrition results in Sector's Pay for Performance initiative

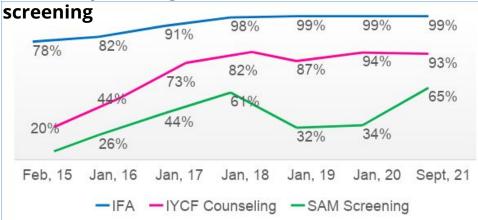


Linking of DHIS-2 individual tracker system with SMS technology (Rapid Pro) and connecting with health workers for problem solving



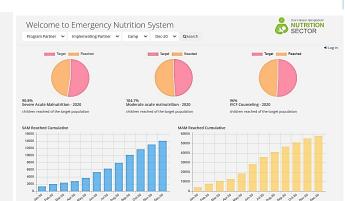


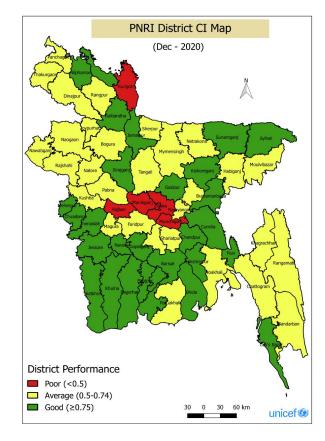
Transformation



Facilities providing IFA, IYCF and SAM

Sector partners report and track minimum emergency nutrition interventions in CXB by using Realtime data entry system in 27 camps





Important Links:

https://nnsop.org/ www.dghs.gov.bd https://mukto.nnsop.org/dashboard https://emergencynutrition.org/



Innovation in data collection

In Peru local youth were engaged to monitor budget allocation and public investment for nutrition using simple open-access tools

Learn more: https://bit.ly/N4G_data_Peru

NUTRITION FOR GROWTH &UMMIT 2021 Food, Health, & Prosperity for All

ADN Juvenil Madre de Dios

...

@ADN Juvenil Madre de Dios comunica a la región la ejecución presupuestal al I Trimestre 2021, somos sociedad civil organizada d... Ver más

CONSULTA DE EJECUCIÓN DE GASTO



Gobierno Regional de Madre de Dios

CATEGORÍA PRESUPUESTAL	AVANCE 96
6091: PROGRAMA ARTICULADO NUTRICIONAL	23.8





First Global DHIS-2 Nutrition Module

UNICEF and partners will soon launch the **DHIS2 Standard Nutrition Module** and an **Administrative Data Guide** with **recommended indicators** in key nutrition areas to support countries in the design and implementation of routine administrative reporting systems for nutrition.

NUTRITION FOR GROWTH SUMMIT 2021





Learn more: https://uni.cf/nnis







COMMITMENT TO STRENGTHENING NUTRITION DATA VALUE CHAINS

Data Translation & Dissemination for use in Decision Making

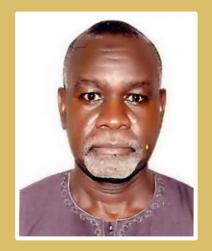
Speaker Introduction



Dr. Denisa-Elena lonete Ambassador of the European Union,



Niger



Mr. Saâdou Bakoye

Secretary General, Ministry of Planning, Niger



Denisa-Elena lonete, MD, PhD Ambassador of the European Union, Niger



Certified Side Event IMPROVING NUTRITION THROUGH ACCOUNTABILITY AND DATA SYSTEMS SMART Nutrition for Growth (N4G) Data Commitment: IMPROVING NUTRITION THROUGH ACCOUNTABILITY AND DATA SYSTEMS – 17 novembre 2021



Plateforme Nationale d'Information sur la Nutrition : un outil d'aide à la décision au Niger

SAADOU BAKOYE Secrétaire Général - Ministère du Plan Président du Comité de Pilotage NIPN Niger





Depuis une dizaine d'année, forte volonté politique et engagement dans la lutte contre la malnutrition au Niger

- Un droit dans la Constitution (article 12),
- Engagement sur le plan international : adhésion SUN/REACH
- 1^{ier} cadres politiques : Politique Nationale de Sécurité Nutritionnelle (PNSN) et Plan d'Action

MAIS

Manque d'informations importants en information multisectorielle

Des enquêtes nationales sont régulièrement menées (nutrition, vulnérabilité, démographie, santé et récemment consommation alimentaire : elles restent insuffisantes pour orienter & prioriser les actions et décisions



En 2018: Plateforme Nationale d'Information pour la Nutrition (PNIN)





MISE À DISPOSITION DES DONNÉES ET CRÉATION D'UN SYSTÈME D'INFORMATION MULTISECTORIEL



Mise en place un système d'information centralisé et d'analyse multisectorielle (PNIN) (1^{er} Prérequis)

- Outil de stockage et de diffusion des micro données
- Outil de suivi des indicateurs multisectoriels sur la nutrition → 340 indicateurs provenant des Ministères contributifs
- Développement de méthodologies adaptées au contexte national
- Mise en place d'un système centralisé en lien avec le Plan d'Action Multisectoriel



- 1^{er} résultat : Mise à disposition de l'information
- Assurant les critères de qualité
- Et aligné avec les politiques publiques







Répondre à la demande : identifier les besoins en information stratégique et leurs objectifs

- Élaboration de Plans Cadre d'Analyses biannuels avec les décideurs
- Renforcement des capacités:
 - Incluant les utilisateurs et décideurs
 - La nutrition dans la « Stratégie Nationale de Développement de la Statistique »
- Appuie aux instances de coordination des interventions nutrition
- Validation des analyses par le Comité Technique en charge du Plan d'Action

Ex: ateliers d'interprétations avec les secteurs contributifs

- Traduction des résultats (policy briefs, synopsis, présentations)
- Valorisation et dissémination auprès des décideurs:
 Ex: honorables de l'Assemblée Nationale du Réseau Nutrition;
 Ex: journées de plaidoyer « nutrition » auprès des médias, universitaires, acteurs nutrition



2^{ème} résultat : les décideurs sont impliqués dans le long de la chaine de valeur des données





Traduire et utiliser les résultats:

Appui aux processus de planification stratégique et décisions

 Second séminaire parlementaire sur le plaidoyer pour plus d'action et d'investissements publics pour renverser les tendances alarmantes de la malnutrition au Niger (28 septembre 2021)

Deus eine appels für jahrennen stehminarte grachmentalite progasitelle ein 2019, für sevoord sufminarte grachmentalite progasitelle eine stehmensteren der konstruktionen immensene fels tendenoren aufmannten der kannuterführten ein Stehmitte auf der gracie grachen der Berzeus Northeite ein Stehmitte auf im 1945/bil die Tehmentbeller Nationale ein Frauer Zummittalaus (ENSAD die Tehmentbeller Nationale ein Frauer Zummittalaus (ENSAD die Tehmentbeller Nationale ein Frauer Zummittalaus (ENSAD die Tehmentbeller Nationale ein Frauer Zummittalaus (Enstehlter Stehler Nationale) ein Frauer Zummittalaus (Enstehlter Stehler Nationale)



Diet, Health, & Prosperity

- Organisation de sessions parlementaires (x2)
- Présentation des résultats sur les investissements lors d'une session budgétaire au Parlement
- Lélaboration d'une feuille de route du Ministère de la Santé Publique:
 - Création d'une ligne budgétaire pour la malnutrition aigüe
- □ Orientation du 2nd Plan Multisectoriel de Nutrition 2020-2022:
 - Rééquilibrage actions de prise en charge et de prévention
 - Renforcement des synergies entre actions spécifiques et sensibles
- Définition des engagements nationaux pour le Sommet sur les Systèmes Alimentaires



3ieme résultat: les espaces existants sont utilisés et les processus accompagnés dans un exchange basé sur les données probantes





La PNIN a montré ses résultats en tant que « **preuve de concept** » au Niger et **élément contribuant** à un environnement favorable à la prise de décisions basés sur les données probantes

Il faut poursuivre les efforts pour continuer à renforcer les capacités le long de la chaîne des valeurs des données.

Des actions sont déjà en place mais doivent être soutenues et appuyées:

- Phase II du financement NIPN (EU/2022-24)
- Processus d'institutionnalisation
 - 1^{iere} étape: étude de pérennité
- Une décentralisation des processus
 - 1^{iere} étape: ateliers régionaux







Wa fonda goy aran kam ka ga aï hangane Na gode da kou ka bani hankalin kou Merci de votre attention Thank you for your attention



Developing subnational information systems

NIPN partners in Guatemala are replicating multi-sector information platforms at territorial level in order to support local decision makers

~ Social Education Environment Quiché Alta Verapaz Huehuetenango Multisectoral e de la constante de la consta Totonicapán data analysis San Marcos Demograph Chimaltenange Quetzaltena Chiquimula Sololá Jalapa Ŷ Agriculture ¥ 8 Health Economy and finances

Provecto PiNN

ATAEODMA DE INFORMACIÓN

Learn more: https://bit.ly/N4G_data_Guatemala



SECRETARÍA DE SEGURIDAD

ALIMENTARIA Y NUTRICIONAL

DE LA PRESIDENCIA DE LA DEDÚBLICA

COBIERNO de

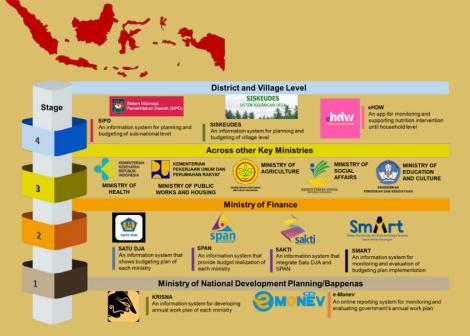
GUATEMALA





Ensuring data are publicly available

Indonesia has developed a public open-access platform for monitoring multi-sector actions and outcomes of the national Acceleration of Stunting Reduction programme



Learn more: https://bit.ly/N4G_data_Indonesia



Question & Answer

use the **Q&A** button to submit questions





PANEL

Making commitments to strengthen Nutrition Data Value Chains

Panelist Introduction



Samalie Namukose

Assistant Commissioner - Head of Nutrition Division

Ministry of Health, Uganda



Paul Mbaka

Assistant Commissioner - Head of Health Information

Ministry of Health, Uganda



Karima Ahmed Al-Hada'a

Ministry of Planning and International Cooperation, Yemen

Planning and Liaison Specialist, SUN Secretariat

Erin Milner

Senior Nutrition Monitoring, Evaluation, and Learning Advisor

USAID, Washington DC

Improving data use for accountability

The Nigeria Governors Forum Nutrition Scorecard, launched in 2020, holds Nigeria's 36 Governors accountable to four commitments to improve the enabling environment for nutrition at state level.

Learn more: https://bit.ly/N4G_data_Nigeria



Data Source		Routine/Administrative Data					
Indicator	SCFN quarterly meeting chaired by SCFN Chair (Apr-Jun 2021)	75% of quarterly funding for SCFN workplan released (Apr-Jun 2021)	MSPAN Approved	State list of prioritized programs shared	Six months maternity leave with full pay for civil servants	Functional government owned/ run creche(s)	U5 SAM Coverage (DHIS-2 Apr-Jun 2021 Average) Target: 75%
Abia ¹	🕘 ti	11	11	- 🔴 11	11	11	os 🚺 🏌
Adamawa	🕘 打	11	11	- 🔴 11	11	11	5% 🛑 †↓
Akwa Ibom	🕘 👘	11	11	11	11	11 🕘	0%





CLOSING

Call to action: Commitments to strengthen Nutrition Data Value Chains

Speaker Introduction



Patricia N'goran Theckly

Conseiller à la Présidence de la République de Côte d'Ivoire, Point Focal SUN, Conseiller du Gouvernement auprès du CERFAM



Satoshi Ezoe

Director, Global Health Policy Division, International Cooperation Bureau, Ministry of Foreign Affairs of Japan





IMPROVING NUTRITION THROUGH ACCOUNTABILITY AND DATA SYSTEMS SMART Nutrition for Growth (N4G) Data Commitment



Thank you for participating

A special thank you to our speakers, panelists, translators & the organizers from the NDPG





Food, Health, & Prosperity for All

Thank you for participating

YouTube A recording of the webinar is available now at the Data for Nutrition YouTube Channel.

Copies of language translations, presentations and summary of the Q&A will be shared via the CoP in the coming weeks. Visit <u>www.datafornutrition.org</u> for more information.