

WFP Malawi DFA Monitoring P2077

Strengthening the Statistical System for Stronger Monitoring and Reporting on the NDP



Community Systems Foundation (CSF) is assisting the government of Malawi to strengthen M&E processes by implementing an online monitoring platform for the NDP, as well as setting up a SDG and humanitarian data warehouse.

Community Systems Foundation (CSF), with the support of the UN Development Programme and World Food Programme, rolled-out several DataForAll (DFA) products in Malawi to monitor and evaluate the NDP, SDG, and humanitarian indicators across the country.

The government of Malawi uses DFA Monitoring for collaborative reporting on the national development plan, resulting in an effective monitoring of national priorities.

The SDG and Humanitarian database is accessible through DFA Visualizer, which provides query and tools to create of data reports, tables, maps and graphs. DFA Visualizer is the latest addition to the DFA Toolkit.

Features

- Planning, Monitoring and Reporting Platform to monitor national priorities.
- Database of SDG and humanitarian indicators that embrace the national development agenda.
- Online data query tool to access indicator details and visualize results quickly.
- Capacity building of NSO and planning department for data system sustainability.

Benefits

- Data-driven, evidence-based platform to inform national policies.
- Enabling effective and efficient monitoring and reporting of results.

Facts

Stakeholder	UNDP, WFP, Ministry of Economics and Planning
Area	Malawi
Time Period	2021-2022
Topics	Data, Monitoring
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.080 million
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UNICEF South Sudan Birth Notification Assessment P2387



Community Systems Foundation is providing system analysis of the birth notification system in South Sudan, to potentially link it with the Civil Registration and Vital Statistics (CRVS) system.

In 2021, Community Systems Foundation (CSF) supported the Child Protection Section of UNICEF South Sudan to conduct a system analysis of the birth notification system, which was recently developed and implemented in several health centers in the country. This system has been non-operational since 2018, which has created bottlenecks in the reporting of birth notifications.

After conducting a stakeholder mapping, CSF has interviewed a series of partners: users of the system at the health facility level, as well as key stakeholders at the Ministry of Health. Conversations were also held with the IT department at UNICEF to better understand technical issues being faced in implementation.

This led to a report highlighting technical and implementation challenges of the birth notification system, as well as strong recommendations for a more resilient and data driven platform.

Furthermore, this program supports the Ministry of Health's goal to build a CRVS system that tracks data on births, deaths, marriages, divorces, and fetal deaths by incorporating the birth notification system. CSF also provided recommendations how the birth notification system can be linked to the CRVS system.

Features

- Mapping of existing systems across the country.
- A thorough assessment to provide recommendation on how birth notification systems can be revived across the country.
- Looking at linkage between birth notification system and the upcoming CRVS system.

Benefits

- Create a sustainable and cost-effective method to understand why a system implemented at the facility level has not produced expected results.
- Assessment towards the design of an effective system that would take into account IT and HR ecosystem of South Sudan.

Facts

Stakeholder	UNICEF, Child Protection Unit and Ministry of Health
Area	South Sudan
Time Period	2021
Topics	Data, System Strengthening
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.020 million
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OpenEMIS Guyana Operational Plan P2430



Community Systems Foundation (CSF) assisted the Ministry of Education (MoE), Guyana, in developing an operational plan to strengthen data management and use in the Education sector.

In close partnership with UNESCO Kingston Office and Headquarters, Community Systems Foundation (CSF) provided technical assistance to the Ministry of Education in developing an Education Management Information System (EMIS) Operational Plan. The plan aimed at achieving incremental improvements to the EMIS and support the rollout of OpenEMIS. In addition, the plan is also intended to enable digitization of education management across the country, facilitate better monitoring and evaluation of the education sector, and ensure education decisions are data-driven.

This project extended from a partnership with the Ministry of Education through which CSF supported the piloting of OpenEMIS Census and OpenEMIS Monitoring for monitoring and reporting of progress towards the achievement of the Education Sector Plan.

Features

- Long-term planning for the enhancement of the EMIS system to enable research, analysis, and reporting.
- Direct linkages to the national EMIS policy
- Collaboratively developed to ensure alignment with national priorities and international best practices.

Benefits

- Clear and coherent document which communicates to partners and civil society, plans for data system strengthening.
- OpenEMIS rollout planning to monitor and evaluate national and sub-national level data.

Facts

Stakeholder	UNESCO, Ministry of Education
Area	Guyana
Time Period	2020-2021
Topics	Education, EMIS
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.025 million
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OpenEMIS Save the Children Lebanon P2264



OpenEMIS is being deployed in all Save the Children learning centers in Lebanon by local partners and staff to better manage education programmes and generate insights through data.

Community Systems Foundation (CSF) supported Save the Children in Lebanon to configure and rollout OpenEMIS in all 35 of the institutions within their network. This project aimed to support learning institutions within the Lebanese government to strengthen education systems and build local capacities, ensuring the work to achieve organizational and national education priorities.

In a new approach to OpenEMIS implementation, CSF is partnering directly with a global non-governmental organisation dedicated to improve the lives of children. Community Systems Foundation is providing technical assistance and capacity building support with the expectation that Save the Children staff will carry forward the project and if successful, introduce OpenEMIS to Education authorities to serve the entire sector in Lebanon.

As an organization that is well established in Lebanon and with a global network of experts, Save the Children will provide local support and expertise that will ensure the sustainability of OpenEMIS.

Features

- Data collection, management and utilization tools to support research, analysis and reporting.
- Monitoring and evaluating data on staff, students, and institutions.

Benefits

- Increased accessibility, report, and dissemination of normalized EMIS data
- Implementing OpenEMIS in Save the Children network of institutions to evaluate the viability of the software to meet the education system requirements in the country

Facts

Stakeholder	Save the Children Norway
Area	Lebanon
Time Period	2020-2021
Topics	Education, EMIS
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.026 million
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OpenEMIS South Africa P2051



Community Systems Foundation (CSF) is supporting the government of South Africa to update their current EMIS and self-deploy an integrated system that utilizes OpenEMIS.

In a new model of partnership, the Department of Basic Education South Africa is working directly with Community Systems Foundation (CSF) and UNESCO to configure, enhance and deploy OpenEMIS. OpenEMIS serve as a modernized iteration of South Africa's School Administrative Management System (SA-SAMS).

DBE software development and delivery teams will work closely with the OpenEMIS lab to enhance software to meet the functional requirements of the education sector in South Africa. In doing so, the partnership will ensure that standards in software development are followed and that contributions from South Africa will benefit the greater OpenEMIS Community.

CSF provided direct technical assistance to DBE in the planning for implementation of OpenEMIS and capacity building to key stakeholders on the administration and use of the open source software. In addition, CSF has provided training on OpenEMIS software development standards and procedures, positioning DBE counterparts to make meaningful contributions to the future development of OpenEMIS.

Features

- Powerful application to support holistic school management
- National reporting of education data
- Production of key performance indicators from the sector
- Highly configurable solution designed to be deployed in a range of contexts and in multiple languages.

Benefits

- Solution provides a sustainable, nationally owned system to manage data dissemination.
- DBE has taken on a more active role by becoming engaged in the coding process and ensuring that technical and quality standards are being met.

Facts

Stakeholder	National Department of Basic Education, UNESCO
Area	South Africa
Time Period	2020-2021
Topics	Education, EMIS
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.049 million
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1on1 OpenEMIS Bahamas P1990

LMS/EMIS Bahamas

This portal is for bs-moe.openemis.org



VS LMS



Core



DataManager



Integrator



Dashboard

Features

- Education Management Information System to monitor learning outcomes for all students in the Bahamas, including those that are remote
- Learning Management System to support learning in the country and to collect critical data
- System Integration

Benefits

- Efficient data exchange
- Supporting remote learning
- Regional Partners bring support closer to the beneficiaries

Facts

Stakeholder	Ministry of Education
Area	Bahamas
Time Period	2020-2021
Topics	Education
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.114 million
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The OpenEMIS Bahamas project aims to strengthen education data infrastructure by integrating learning management and education management information systems.

To meet the needs of the Ministry of Education in the Bahamas, OpenEMIS is being implemented by a local partner called 1on1 with CSF backstopping and support. In this project, a Learning Management System (LMS) is being integrated with OpenEMIS to allow for critical data exchange and to support the closing of education gaps in the country.

The LMS draws the following data: student names, records, teachers and classes and shares back to OpenEMIS receives back student marks and learning outcomes.

Community Systems Foundation sees the partnership with 1on1 as a model of collaboration for a more holistic and sustained support to education authorities.

MOE Saint Kitts and Nevis OpenEMIS P2013



OpenEMIS supports sector reform in Saint Kitts and Nevis and intends to support monitoring of the 2017–2021 Education Sector Plan.

The Ministry of Education, Saint Kitts and Nevis (MOESKN) requested technical assistance on the use of OpenEMIS to support evidence-based decision making in the education sector.

For the first time, Saint Kitts is now utilizing digital education sector plan monitoring. Having previously been on a paper-based system, OpenEMIS will enable the Ministry to pursue work more efficiently and reduce the data reporting cycle, ensuring plans are progressing as projected.

The Ministry is implementing OpenEMIS in response to the growing needs of remote learning in the country. One major challenge in the country was that there was not a good system in place to understand the list of students who were and need to be receiving online learning.

Features

- Data collection, management and utilization tools to support research, analysis and reporting.
- OpenEMIS Monitoring to assist in the monitoring and evaluation of the education sector plan.

Benefits

- Enabling the harmonization of EMIS-based reporting across the Ministry of Education’s units with a web-based EMIS portal
- Supporting the monitoring and evaluation of the Education Sector Plan at national and sub-national levels.

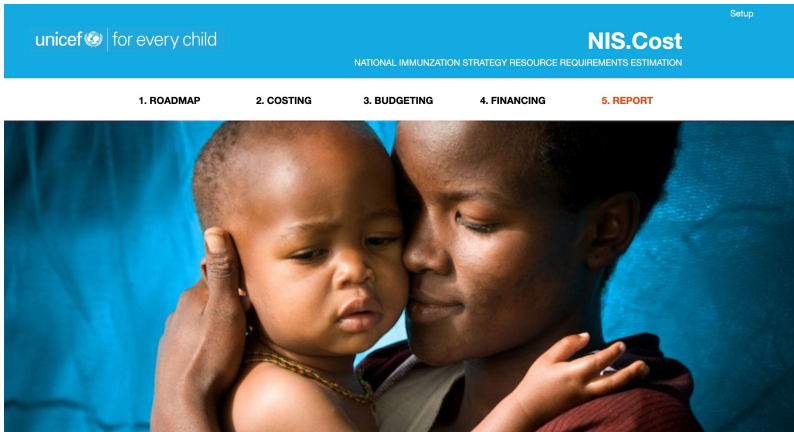
Facts

Stakeholder	Ministry of Education
Area	Saint Kitts and Nevis
Time Period	2020-2021
Topics	Education
Link	
Reference	Christopher Herbert, christopher.herbert@moeskn.org
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.093 million
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UNICEF HQ NIS.Cost App P2121



UNICEF contribution to planning and costing of national vaccination programs. Builds on new guidance provided for the establishment of National Immunization Strategy (NIS).

The global vaccination agenda entered a new decade in 2020 with the endorsement of Immunization Agenda 2030 - A Global Strategy to Leave No One Behind. The NIS sets out the specific objectives to be achieved in the next three to five years, which is linked to national health strategies.

CSF is supporting UNICEF in the development of the NIS Cost App to facilitate planning, costing and financing of medium term national vaccination programs. The CSF model provides a structured approach to building costed strategies, while providing country teams with flexibility to express their plans in line with national priorities and contexts.

The NISCost App will be launched on the Google platform.

Features

- Web-based Application
- Shared application facilitates collaboration;
- Strategic Planning and Costing Module
- Report Generation
- Collaborative Workspace

Benefits

- Working to achieve Vaccination 2030 Agenda and the SDGs
- Timely to respond to the global pandemic
- Operationalization of the NIS Guidance Documents

Facts

Stakeholder	UNICEF HQ
Area	Global
Time Period	2020-2021
Topics	Health, Vaccinations
Link	
Reference	
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.046 million
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MoSS Egypt Monitoring P1510



The Ministry of Social Solidarity, Egypt is adapting DFA Monitoring to strengthen the use of data in planning, monitoring and reporting in the programming and outreach of the Ministry.

With the Ministry of Social Solidarity (MoSS), Community Systems Foundation is working to build national data management and data dissemination capacity. This will be done through the establishment of a statistical database which will support the country in disseminating data through dashboards and a mobile application. Additionally, DFA Monitoring will be configured to support the monitoring of Vision 2030 Egypt.

In doing so, the three core sectors of the MoSS (protection, care, development) will be monitored more closely to understand how the Ministry's work contributes to the national development plan and the League of Arab States Multidimensional Poverty Alleviate Strategy.

Features

- DFA Data Manager to build indicators and store statistical data
- DFA Dashboard Builder to design and publish thematic dashboards based on the core sectors of MoSS
- DFA Monitoring to keep track of progress of MoSS contributions to the National Development Plan and the Multidimensional Poverty Alleviation Strategy

Benefits

- The system will first support high-level decision-makers in Egypt
- Decision-makers will then support the ultimate beneficiary, Egyptian citizens
- Users and admins of the system have a space to report data on the national development plan

Facts

Stakeholder	MoSS Egypt
Area	Egypt
Time Period	2021-
Topics	Protection, Care, Development
Link	
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.075 million
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UNFPA HQ FGM P1995



In continuation of a longstanding partnership with the UNFPA-UNICEF, CSF support to the Joint Programme on FGM includes innovative content building, including data stories, data bites, and human interest stories an further enhnacmeent to the DFA Monitoring platform.

In addition to enhancements to the existing DFA platform like a freshly updated portal, the 2021 Work Plan includes a range of content and data sharing activities to increase awareness around female genital mutilation and to tell success stories that have been been achieved with the support of the UNFPA-UNICEF Joint Programme.

With the Joint Programme, Community Systems Foundation is developing data bites and data stories to highlight key achievements of interventions at national, regional and international levels. CSF is also working with Country Offices to build and maintain capacities to monitor FGM while developing Human Interest Stories for most of the Joint Programme countries. This will help spread awareness about different topics related to FGM, like the engagement of men and boys or cross-border FGM, as well as to show what community level decision-makers are doing to abandon the practice.

Features

- Portal design and enhancements
- Narrative reporting updates
- Content development through data bites, data stories, and human interest stories.

Benefits

- Highlight key achievements of the Joint Programme
- Demonstrate the impact of interventions at the national and regional levels
- Quick dissemination for key data related to FGM

Facts

Stakeholder	UNFPA HQ
Area	Africa, Middle East
Time Period	2020-
Topics	Gender, Female Genital Mutilation
Link	http://fgmjp.org/
Reference	Thierno Diouf, M&E Specialist, diouf@unfpa.org
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.098 million
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UNICEF Algeria Sectoral Monitoring P1992



The Tahat Portal is a transparency and accountability initiative between the government of Algeria and UNICEF to strengthen Monitoring and Evaluation of SDGs and national priorities.

The Tahat platform is a monitoring, planning and reporting initiative that is assisting the National Economic and Social Council in Algeria to monitor the achievement in addition to tracking progress against specific Sustainable Development Goal indicators.

The platform consists of a monitoring dashboard, statistical dashboards for three sectors of the Algerian government and a Metadata Hub to communicate information on all indicators. These aspects, in addition to a mobile application, provide an easy and accessible way to view up-to-date information on national development in the country.

Features

- DFA Data Manager to build indicators and store statistical data
- DFA Dashboard Builder to design and publish thematic dashboards
- DFA Monitoring to keep track of progress of contributions to the National Development Plan

Benefits

- Single space for collecting, analyzing and sharing information
- Statistical dashboards to understand the economic situation, social life and the environmental situation in Algeria
- Space for exchanging and sharing information resources

Facts

Stakeholder	UNICEF Algeria, CNESE
Area	Algeria
Time Period	2021-
Topics	Planning, Monitoring, Reporting, SDGs
Link	https://algeria.dataforall.org/
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.125 million
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UNICEF Algeria MICS 6 Report P2184

Algérie, 2019																			
	Raisons pour les mariages consanguins										Raisons pour les mariages consanguins								
	Pourcentage des femmes âgées de 15-49 ans pour le mariage consanguin1	Total des femmes 15-49 ans	Renforcer les liens familiaux	Héritage	Proches s'entendent	Volonté des parents	Coutumes et traditions	Autres	NSP	Non Réponse	Total des femmes âgées de 15-49 ans pour le mariage consanguin	Source de maladie	Source de problèmes familiaux	Parents sont contre	Contre les coutumes et traditions	Autres	NSP	Non Réponse	Total des femmes âgées de 15-49 ans contre le mariage consanguin
Total	20,9	8 878	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Milieu de résidence																			
Urban	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Rural	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Espace de Programmation Territoriale																			
Nord Centre	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Nord Est	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Nord Ouest	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Haut Plateau Centre	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Haut Plateau Est	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Haut Plateau Ouest	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Sud	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2
Age																			
15-19 ans	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2

UNICEF Algeria is disseminating the MICS 6 report with the support of Community Systems Foundation.

Community Systems Foundation supported UNICEF Algeria in the design and dissemination of the 2019 MICS report data. This comprehensive report provides update on key development indicators across the country. With substantial effort being placed in the editing of the report and the layout of over 600 pages, the report was developed in close collaboration with national focal points at the Ministry of Health and with UNICEF Algeria.

Through a 2.5 month process, a team from CSF provided technical assistance in proofreading, editing, design and layout of the 600 page report. .

Features

- 600 page designed MICS report
- Close feedback loop to ensure quality and consistency
- Designed with Adobe InDesign

Benefits

- Sharable report for broad dissemination
- Easy review of MICS data
- Support to the Ministry of Health to apply learning from MICS to make evidence-based decisions in the country

Facts

Stakeholder	UNICEF Algeria
Area	Algeria
Time Period	2021-
Topics	Health
Link	
Reference	
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.016 million
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UNFPA Djibouti GBVMIS P2070



With a rise in Gender-Based Violence (GBV) in Djibouti, CSF is working with UNFPA and the government to develop a Management Information System to better practitioners with tools and policy makers with necessary data to make evidence-based decisions.

A core challenge in Djibouti is that government agencies work in silos when it comes to GBV. Because of this, and due to a lack of consistency with data collection, making evidence-based decisions is difficult for high-level government.

Working with a variety of sectors, including the Justice System, Police, Health, and Ministry of Women and Family, UNFPA Djibouti is partnering with Community Systems Foundation to develop a Management Information System which captures all relevant data related to GBV to streamline current processes.

In 2018, a mapping report was released and led the country to develop an organization dedicated to addressing GBV. With their support, and the support of all stakeholders, CSF conducted interviews to understand what data is available and what systems, if they are not paper-based, currently hold this necessary data.

With this knowledge, CSF developed a system that will align all of the information into one platform.

Features

- Needs assessment to understand key stakeholders
- System and information mapping to understand what data exists and where
- Development of an MIS to track gender-based violence in the country

Benefits

- Interviews with national stakeholders to understand existing procedures
- Moving a paper based system to the online system to improve efficiency in planning, monitoring and reporting

Facts

Stakeholder	UNFPA Djibouti
Area	Djibouti
Time Period	2021-
Topics	Gender-Based Violence
Link	
Reference	
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.024 million
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UNRCO Gambia DFA Monitoring P2053



The government of the Gambia is building a national coordination mechanism to bolster a culture of data and streamline national development processes.

With the UN Resident Coordinator’s Office, Community Systems Foundation has configured and deployed DFA Monitoring to track progress against goals and targets of the National Development Plan, as well as national and regional priorities, like the *Integrated Strategy for the Sahel* and the *African Union Agenda 2063*.

Most importantly, Community Systems Foundation supported the national government in building a coordination mechanism to streamline reporting to the national development plan. This work responded to an identified challenge of limited collaboration around sharing data, making planning processes more challenging and less effective.

Major government stakeholders of this work include the Office of the President and Vice President, the Ministry of Finance, and the Gambia Bureau of Statistics (GBoS).

Features

- Intergovernmental; Coordination Mechanism
- Planning, Monitoring and Reporting Platform to monitor national priorities and the SDGs
- Monitoring dashboard to track progress

Benefits

- Moving a paper based system to the online system
- Consolidating processes and streamlining national reporting
- Determining Ministries and focal points responsible for sharing data on specific indicators

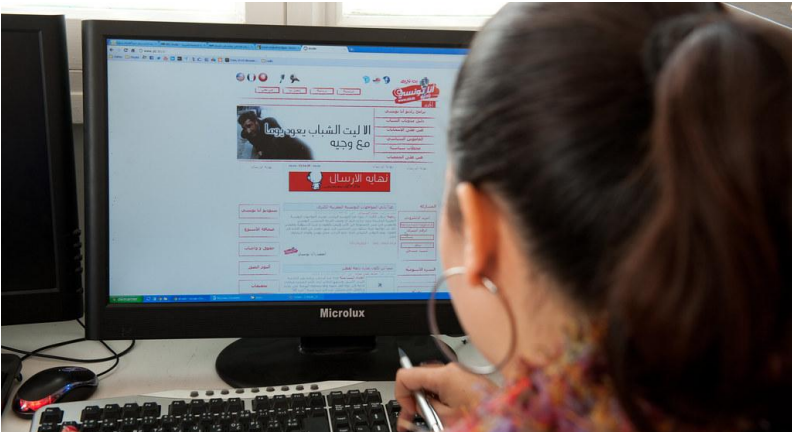
Facts

Stakeholder	UN RCO Gambia
Area	The Gambia
Time Period	2021-
Topics	Planning, Monitoring and Reporting
Link	
Reference	
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.064 million
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UNICEF MENARO Monitoring Hybrid Learning P2127



The UNICEF Office for the Middle East and Northern Africa (MENA) is establishing a global set of standards on the Monitoring of Hybrid Learning post the COVID-19 pandemic.

In partnership with UNICEF MENARO and the UNICEF Regional Office for South Asia, Community Systems Foundation is developing a monitoring framework as well as a guidance document that will support education authorities in monitoring Hybrid Learning, at a time of great need.

The framework highlights key attributes that are necessary for understanding how to measure hybrid learning: reach, engagement, outcomes, and quality assurance. Under these categories, guidance is provided to Ministries of Education on what indicators could be measured to best understand the local context.

CSF will further develop guidance documents outlining practical ways that education authorities can apply the conceptual framework to monitor education. As demonstrated in the document, this can be done with a variety of technologies to collect data, such as RapidPro, as well as to process and use the data, like through Education Management Information Systems (EMIS), such as OpenEMIS.

Features

- Conceptual framework for monitoring hybrid learning
- Guidance document on applying the framework and suggesting ways Ministries of Education can monitor the set of indicators

Benefits

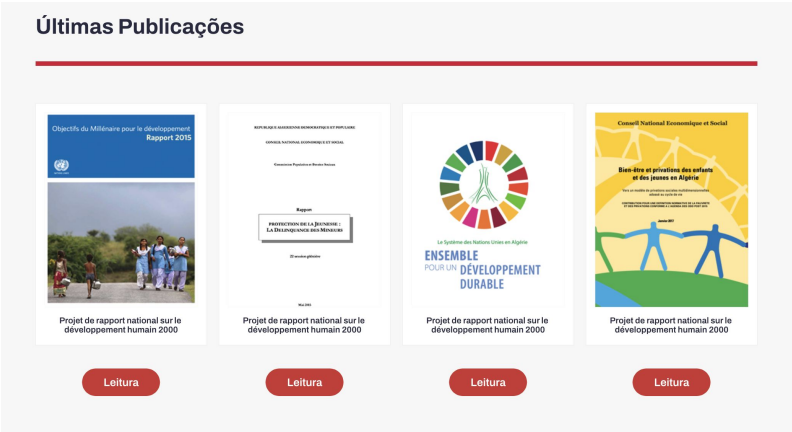
- Supporting governments in monitoring education post the COVID-19 pandemic
- Understanding students learning outcomes and quality of education during a state of global emergency

Facts	
Stakeholder	UNICEF MENA, UNICEF ROSA
Area	Global
Time Period	2021
Topics	Education
Link	
Reference	
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.052 million
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UNDP São Tome DFA P1425



The government of São Tomé is transforming the way decision are made in the country by developing a platform to understand progress on national priorities and the SDGs.

With the government, Community Systems Foundation is configuring a database to more accurately monitor government accomplishments that aim to achieve for national priorities and the Sustainable Development Goals. In a highly collaborative process, CSF built the capacity of the government on the use the government throughout the duration of the project.

The consultancy resulted in a web based platform with statistical dashboards, a Metadata Hub, and a mobile application to widely disseminate information in the country and support evidence-based decision making.

Features

- Data Manager to store statistical information
- Dashboard Builder to design and publish sector specific dashboards
- Capacity building to ensure ownership of the platform

Benefits

- Developing the first platform to streamline decision making in the country
- Ability to create dashboards for all sectors and interest areas within the country

Facts

Stakeholder	UNDP Sao Tome
Area	Sao Tome
Time Period	2020-
Topics	Monitoring
Link	
Reference	
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.046 million
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UNFPA ESARO DFA Monitoring Enhancements P1849



UNFPA ESARO has developed a portal to better understand their progress against the regional Vision 2030 plan and to allow country, regional and global focal points to search programme documents.

With a multi-year partnership with UNFPA ESARO, Community Systems Foundation has been provided support and maintenance services for the last two years, and has led capacity development sessions and a service desk to address bug fixes and enhancements. In 2020, CSF worked with ESARO to design and develop a portal that links DFA Monitoring, the tool monitoring the results of the Vision 2030 plan, to a knowledge library for easy documentation management. This is done through an API.

Importantly, this API aggregates the documents from the all levels of the strategic plan and helps easily sort the document, for example between ESARO's SYP and SRH programmes. Interestingly, one requirement for the ESARO team was to be able to filter the knowledge library by specific outputs. For more information, please list the ESARO knowledge library: <http://esamonitoring.org/km-listing/>

Features

- API to populate the knowledge library from the strategic planning tool
- Knowledge Library to house documents related to national, regional and global programmes

Benefits

- Enabling effective and efficient monitoring and reporting of the results
- Monitoring the Safeguard Young People Programme (SYP)
- Monitoring the Joint UN Programme to Strengthen Integrated SRHR/HIV

Facts

Stakeholder	UNFPA ESARO
Area	East and Southern Africa
Time Period	2020-
Topics	
Link	http://esamonitoring.org/
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.006 million
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UNICEF Bangladesh GED Website and Data Dashboards P1756



The Planning Commission in Bangladesh developed a database and online portal to showcase results from their recent Situation Analysis as well as contributions to the Multidimensional Poverty Index.

Community Systems Foundation is supporting the Planning Commission in Bangladesh through two phases of work. In the first phase, CSF has designed a portal and document management system to support the government in uploading documents relevant to their goals and objectives. Similarly, the platform is being used to disseminate data related to the recent SiTan and the MPI (Multidimensional Poverty Index).

In the second phase of work, CSF helped to develop a database with indicators coming from reports related to United Nations priorities from agencies like UNICEF. This data was then disseminated through an evidence-based dashboard and profiles.

Features

- Online portal to disseminate key planning and development documents
- Database to share information related to United Nations reports
- Data dissemination through evidenced-based dashboards and reports

Benefits

- Online sharing portal to support data and information exchange between national Ministries and the public
- Consolidated database to support evidence-based decision-making at the national level

Facts

Stakeholder	Bangladesh Planning Commission
Area	Bangladesh
Time Period	2020-Ongoing
Topics	Planning
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.087 million
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UNICEF Mali Estimating Costs and Impacts of Essential Health Services P1896



With the World Bank and UNICEF Mali, the Ministry of Health underwent a modelling exercise to understand the cost and impact of the proposed Free Healthcare Initiative.

Utilizing the Equitable Impact Sensitive Tool (EQUIST), Community Systems Foundation supported the government of Mali by conducting an analysis of the new health plan for mothers under the Free Healthcare Initiative. This analysis helped the government understand any bottlenecks that existed that would prevent the roll-out of interventions in the country and to understand what it would cost if the government made the health services free. Additionally, the analysis supported the government in understanding how many deaths could be averted if the program was implemented.

Specific activities included: adapting the EQUIST tool to the context of Mali to develop a national version and one for each of the regions considering the specific context of each region of Mali; producing training modules in French; and modeling the unit costs for the expansion of the coverage boundaries expected from Free Health Care strategies.

Features

- EQUIST analysis to understand the bottlenecks that would prevent the rollout of the the Free Healthcare Initiative.
- Utilizing the Lives Saved Tool (LiST) to understand the cost of deaths averting in relation to the Free Healthcare Initiative

Benefits

- The government is able to more comprehensively plan for healthcare initiatives by utilizing EQUIST to run bottleneck analysis
- Financial cost was calculated to drive an evidence-based decision on whether or not to implement the initiative

Facts

Stakeholder	Ministry of Health
Area	Mali
Time Period	2020-2021
Topics	Health

Link

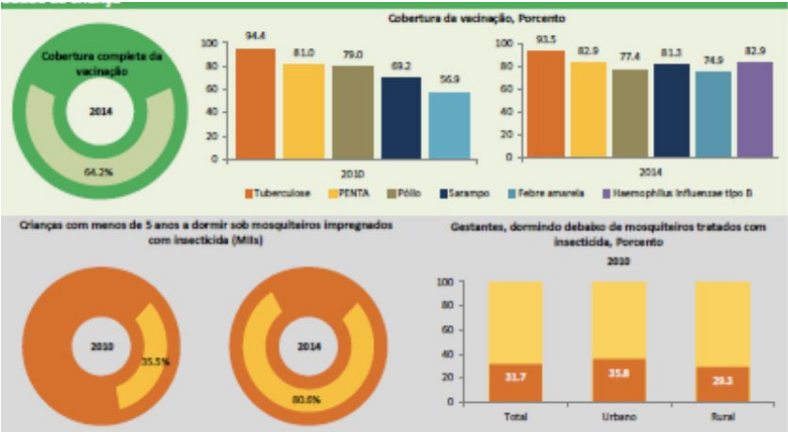
Reference

Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org
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Budget

USD	.149 million
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UNICEF Guinea Bissau Data Update P1985



In a multi-year partnership, Community Systems Foundation has continued its work with the government of Guinea Bissau to update their MICS database with most recent data.

In 2016, Community Systems Foundation created a statistical database to collect key development data in Guinea Bissau. This helped to the government establish a mobile application and data profiles in both English and Portuguese to disseminate their national data.

In 2020, CSF assisted with an update of the database to include the most recent MICS 2019 (or MICS 6) data. This included the inclusion of new indicators, updating the mobile application, and developing new data profiles.

Features

- Data driven profiles to disseminate information on all sectors collected within the database
- Updated mobile application to allow the public and decision makers to easily access the data.

Benefits

- The government is now able to make decisions based on most recent data
- Data dissemination through profiles and the mobile application allow for a wide use and understanding of the status of the country

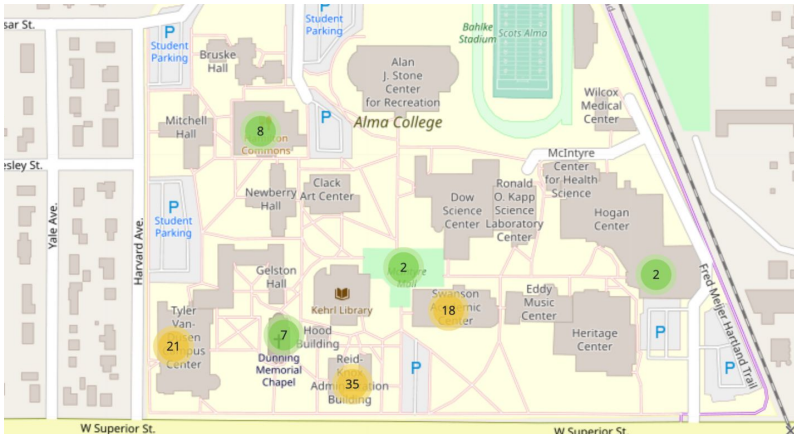
Facts

Stakeholder	National Statistics Office
Area	Guinea Bissau
Time Period	2020
Topics	Monitoring, Data
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.028 million
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Alma College Strategic Planning P2094



Features

- DFA Data Manager to store data and create indicators
- DFA Monitoring to support in building an online strategic framework to monitor and evaluate the data
- Evergreen Monitoring Dashboard promotes transparency, accountability, and collaboration among the Campus, Board of Trustees, and Administration.

Benefits

- Enables the college to efficiently store and manage data to make evidence-based decisions
- Data on student performance and activity is compiled and shown on a dashboard to aid in the monitoring and assessment of new programs

Community Systems Foundation has provided support to Alma College to implement DFA Monitoring and support strategic planning processes.

Community Systems Foundation supported the administration at Alma College to roll-out Data For All (DFA) Monitoring, an open source software solution that is tracking progress on achievement of the Alma College Evergreen Strategic Plan.

A major challenge in planning processes at the college was a lack of systems to assist with the formulation and operationalization of strategic plans. To address this, CSF collaborated with key college stakeholders to strengthen the results matrix of the strategic plan, establish and define essential indicators - including metadata and data sources - and connect the college's strategic plan with the interests of the city of Alma.

By putting in place a campus wide planning, monitoring, and reporting, the college administration will now be able to facilitate more efficient and collaborative participation in achieving the strategic plan.

The project was a pilot program, which provided CSF an opportunity to learn and support future higher education planning, monitoring, and reporting programs.

Facts	
Stakeholder	Alma College
Area	Michigan, USA
Time Period	2020-2021
Topics	Education, Monitoring, Data
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget	
USD	Pro-bono

PIOJ Jamaica Local Development Database P2181



CSF is working with the PIOJ to update the Vision 2030 Jamaica database and add indicators and data related to the Community Renewal Programme, which support in the achievement of inclusive growth and equitable national development in the country.

The Community Renewal Programme (CRP), was launched in 2011 to foster socioeconomic well-being and improve the quality of life for residents of Jamaica's most volatile and vulnerable communities.

Through an ongoing collaboration with the Planning Institute of Jamaica, CSF have expanded the Vision 2030 Jamaica Platform to incorporate the CRP data and indicators. This allowed CSF and PIOJ to create new indicators in the statistical database that can be tracked at the community level through an evidence-based dashboard and Metadata Hub, which offers a detailed definition, computational techniques, and constraints on each indicator.

With the CRP indicators being integrated into the existing database, this Data4Development platform is becoming a multi-sectoral initiative, creating an integrated strategy to guide national development planning.

Features

- DFA Data Manager to store statistical data and build new indicators related to the CRP
- DFA Dashboard Builder to design and publish a thematic dashboard based on priorities of the CRP
- Statistical dashboard to support decision-makers in making evidence-based decisions

Benefits

- Developed an integrated platform to streamline multiple initiatives under the Vision 2030 Jamaica Strategic Plan
- DFA Dashboard Builder is being utilized to increase transparency and accountability around the CRP and its priorities

Facts

Stakeholder	Planning Institute of Jamaica
Area	Jamaica
Time Period	2021
Topics	Monitoring, Data
Project Administrator	Jeeveeta Soobarah Agnihotri, jsagnihotri@dataforall.org

Budget

USD	.026 million
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UNICEF EQUIST PCA P1871



Community Systems Foundation has developed new modules in EQUIST to support UNICEF's vision of better understanding Maternal and Newborn Tetanus Elimination (MNTE) efforts and costing for Primary Health Care (PHC) across the world.

As a development partner of EQUIST, CSF is working in close collaboration with UNICEF to upload new data sets into EQUIST that will allow users to undertake detailed analyses.

Given the health system challenges associated with health emergencies, such as the COVID-19 Pandemic, Ebola, Polio, and Cholera, CSF developed the new Disruption of Health Services module on EQUIST that can support countries in using subnational-level data to model how the health emergencies would disrupt expected health delivery.

To support better understanding of MNTE efforts, CSF has also developed the MNTE Risk Analysis Module to EQUIST. This module will support national health decision-makers identify locations with a high risk of tetanus and aid in focusing efforts on the most at-risk populations.

A third major development is now supporting PHC Costing Analysis. This analysis will be implemented in 40 countries and will enable users to determine the additional costs associated with scaling up PHC services in their countries, such as yearly expenses per institution.

To allow countries to undertake real-time analysis, CSF has implemented Automatic New Dataset Detection in EQUIST, which will enables users to autodetect freshly published surveys and readily use it to conduct analysis at the national and subnational levels.

Features

- EQUIST has been updated to feature a more user-friendly design and the ability for users to get notifications, when new data surveys are available
- The new PHC Costing Module will enable governments to analyze the costs of expanding primary health care services

Benefits

- MNTE Risk Analysis Module provides a risk score based on coverage and the number of cases, allowing nations to visualize the data in their context and make targeted interventions.
- Disruption of Health Services module will allow the user to predict how disruption induced by health emergencies may affect under-five, infant, and maternal mortality.

Facts

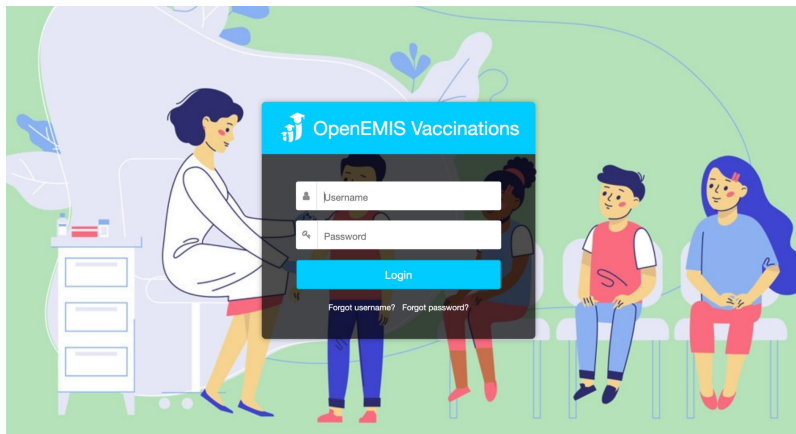
Stakeholder	UNICEF, MoH
Area	Global
Time Period	2021
Topics	Health, Data, Modeling
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.147 million
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UNESCO Health and Vaccination Module P2288

Ensuring the health and safety of students everywhere



Due to growing educational disparities from the COVID-19 Pandemic, CSF has developed the OpenEMIS Health and Vaccination Module to assist with vaccination and testing campaigns and support countries as they return to in-person learning.

Community System Foundation, in collaboration with the UNESCO's' Global Education Coalition, has launched the Health and Vaccination Module, which collects and records vaccination and health test status of students and staff to meet the needs of a rapid data collection system on vaccination and testing created by the COVID-19 Pandemic.

This module was designed by CSF to be a stand-alone application within OpenEMIS Core, which allows for the gathering, processing, and management of data on vaccination and testing in a customizable web application. By integrating the vaccine readiness feature into OpenEMIS, CSF is supporting governments, health workers, and partners to launch, refine, and optimize uptake of their COVID-19 vaccination programmes.

The Health and Vaccination Module is a broad solution that extends beyond the COVID-19 Pandemic and allows countries to manage data on any student and staff vaccinations and health screenings.

Features

- The Module enables users to export all data in standard and customized reports.
- The Module is configured with various vaccination and testing information, allowing it track staff and students health status.

Benefits

- Developed for schools to track their readiness to reopen based on COVID-19 immunization data.
- Policy-makers can use evidence-based decisions to guide school re-openings and track the vaccination program undertaken by the country.

Facts

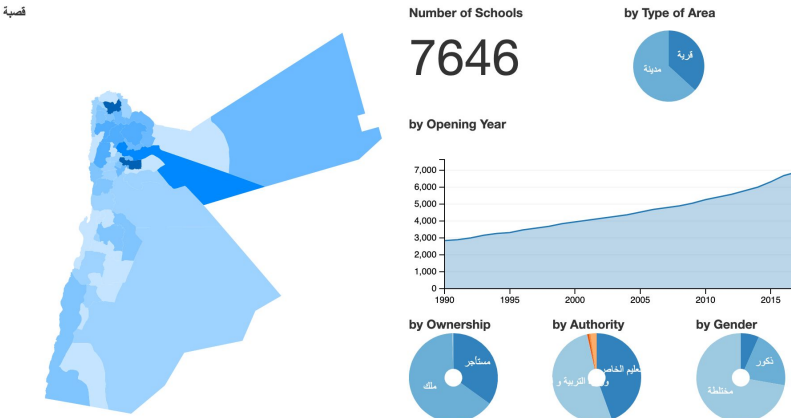
Stakeholder	UNESCO, MoE
Area	Global
Time Period	2021
Topics	Education, Data, Health, Monitoring
Link	https://www.openemis.org/unescovaccinations/
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.014 million
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UNESCO Jordan OpenEMIS P1892

Strengthening ownership and sustainability of national information systems



Community Systems Foundation provided capacity development and technical assistance to Jordan's Ministry of Education (MoE) to strengthen ownership and use of OpenEMIS within the MoE.

In 2020, Community Systems Foundation and UNESCO supported the Ministry of Education to develop an EMIS Operational Plan.

This plan focused on building capacities across the Ministry to manage and administer OpenEMIS at all levels of the Education system.

In the first phase of support, CSF has provided technical assistance and capacity development to strengthen technical and operational capacities. In line with the Ministry of Education, Jordan's vision expressed in the Education Management Information System (EMIS) Operational Plan (2020-2022), the capacity building exercises aimed to ensure the government can sustainably own and operate OpenEMIS.

This current phase of work was informed by an evaluation of OpenEMIS Jordan conducted for UNESCO. The assessment recommended steps for the MoE to sustainably own and administer OpenEMIS, to use data for evidence-based policy formulation. CSF assisted with a hands-on approach of imparting the skills, knowledge, and competencies required for MoE to operate OpenEMIS, as well as technical assistance centered on sharing expertise to use the data effectively.

Features

- Training on collection, production and use of data through the utilization of OpenEMIS tools
- Technical assistance through software development

Benefits

- Strengthen government ownership and capacity building of OpenEMIS for harmonizing EMIS-based reporting
- Engaging dashboard to use for making evidence-based decision making

Facts

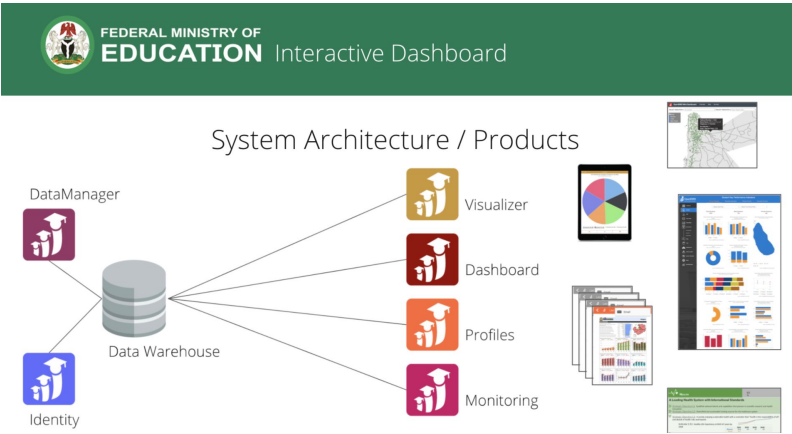
Stakeholder	Jordan MoE
Area	Jordan
Time Period	September 2020
Topics	Education
Link	https://data.emis.moe.gov.jo/mini-dashboard/
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.457 million
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UNICEF Nigeria OpenEMIS Dashboard P2343

Improving national education data dissemination with OpenEMIS



Community Systems Foundation is working with UNICEF to develop the National Data Dissemination Portal for Nigeria to facilitate data-driven decision-making at the national, state and local levels.

To facilitate data-driven decision-making at different level of government, CSF has developed the National Data Dissemination Portal, an interactive and web-based visualization platform, compiling education data for a range of sources.

CSF built the portal to integrate with existing national data systems. The data gathered and owned by the state Ministry can now be disseminated and presented through dashboards, reports and administrative level profiles.

The platform also includes a Geographical Information System (GIS) portal, providing access to the first ever mapping of schools across Nigeria.

Features

- The Geographical Information System places all the schools in the country on a map and allows for analysis of basic school-level information.
- Data dissemination through the portal will be presented on interactive dashboards, which can be accessed through a mobile application

Benefits

- Developed a platform to streamline data collation and dissemination in the country
- Administrative area profiles, which provide a snapshot of education data report for every district/village/state, would allow decision-makers to make meaningful interventions

Facts

Stakeholder	Federal and State MoE
Area	Nigeria
Time Period	2021
Topics	Education, Monitoring, Data
Project Administrator	Jon F. Kapp: jkapp@communitysystemsfoundation.org

Budget

USD	.199 million
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