



OpenLMIS Study Tour Funding Application

Instructions:

Part I of this application is to be completed and submitted on behalf of two individuals representing OpenLMIS Trusted Partners, who would be the 'hosts' facilitating the Study Tour visit. The response to each question should reflect the two individuals as a unit.

Part II of this application should include information from the Interested Parties, but can be written by the Trusted Partners. The relevant Trusted Partners are ultimately responsible for submitting the application and ensuring that its contents are complete and accurate. Leave the column to the right blank (that will be used by the Evaluation Committee for scoring). Submit final application to rebecca.alban@openlmis.org

Part I: OpenLMIS Trusted Partners

- 1) Name: Alice Raymond _____ Organization: _CHAI _____
- 2) Name: _Gaurav Bhattacharya _____ Organization: __CHAI _____

Answer each question in 1 short paragraph. Bullet points can be used for brevity.	Leave blank Score 1-5
<p>1) Briefly describe the ways in which your organization(s) engage with and contribute to the OpenLMIS Community:</p> <p>CHAI is an OpenLMIS trusted partner. CHAI has been engaged with OpenLMIS since 2014 and was part of the group that collectively decided on re-architecting OpenLMIS and contributed to determining what the product should become. Since then, CHAI has served on OpenLMIS's Governance and Product committees and provided technical support to development of its stock management module as well as other modules. CHAI also developed SIGLUS for Mozambique, a mobile app with OpenLMIS v2 as back end to enable expansion of OpenLMIS to health facility level.</p> <p>Senegal is in need of reinforcing their supply chain and one of the key areas of this process will be the implementation of a new and more inclusive software to track supply stock. With the success of OpenLMIS in other countries, the CHAI Senegal team shared information and material with MOH counterparts including the French recorded webinar on OpenLMIS.</p> <p>CHAI Senegal has held preliminary meetings with ministry of health (MOH) partners from the CNLS (Conseil National de Lutte contre le SIDA), the PNA (Pharmacy National d'Approvisionnement) and DLSI (Division de Lutte contre le SIDA et les IST) to discuss the current challenges with the supply chain in Senegal (frequent stock-outs, weak communication between entities, difficulty analyzing stock levels and no alert system) and the potential implementation of OpenLMIS in Senegal. The MOH partners are interested in learning about new software options to help them manage a complex system. The system features have been reviewed and explained to</p>	

<p>assure that the needs and requirements of the country would be completely fulfilled.</p>	
<p>2) How and to what extent have your organization/s built your technical knowledge of OpenLMIS?</p> <p>CHAI is a member of the OpenLMIS product committee. In this role, CHAI has developed extensive knowledge of the architecture, design and functionality of OpenLMIS as well as the standards and technical stacks used to build it. CHAI has facilitated a number of demos and webinars for MOH across countries. CHAI has written proposals in response to RFPs to deploy OpenLMIS that has required deep understanding of features and functionalities as well as technical knowledge of the software. Lastly, CHAI has contributed to development of various modules of OpenLMIS helping our understanding of the system.</p> <p>CHAI's team in Senegal has reviewed all materials on openlmis.org as well as the OpenLMIS YouTube channel and has used this information to inform the MOH of OpenLMIS's capabilities and fit for Senegal's requirements.</p>	
<p>3) Please describe any existing working relationships between your organization(s) and stakeholders in the country of the Interested Party.</p> <p>CHAI has an office in Senegal with 9 team members working on three projects. Two of the projects are focused on HIV in direct partnership with the DLSI. These two projects are focused on improving access to optimal ARV treatment and early infant diagnosis and viral load testing. CHAI worked in close collaboration with the CNLS and the national pharmacy to forecast the national procurement needs of HIV laboratory reagents as well as ARVs for 2019-2021, participating in the national quantification exercise and providing tools for forecasting. Senegal has been facing challenges with steady procurement of ARVs and reagents. The CHAI team has been helping the MOH analyse stock data, alert them on upcoming stock-outs and strategize on temporary and long-term solutions.</p> <p>The country is in the process of changing the status of the PNA. CHAI is an active participant of the stakeholders group that was created as a forum to provide technical assistance and guidance to the PNA during this process.</p>	
<p>4) Would your organization(s) be able to support an implementation in this geography? Why or why not?</p> <p>Yes. CHAI's Global Information Systems (GIS) team will support the CHAI Senegal team in implementing OpenLMIS in country. The GIS team has extensive knowledge of and experience working with OpenLMIS as described in question 1.</p>	

<p>In addition, CHAI’s team in Senegal has complementary skills and experiences as described in question 3.</p> <p>Due to the close relationship between CHAI Senegal and the MOH, the CHAI team members have a good understanding of the local context, the infrastructure, and the key actors involved in the supply chain. CHAI has also participated in the inter-programs PNA platform meetings, which brings together leaders from all of the different MOH programs and is an opportunity to discuss challenges, needs and brainstorm solutions.</p>	
<p>5) Describe how each of your knowledge and skills are complementary to each other (Why are you a good team of hosts? What will you learn from each other?)</p> <p>CHAI’s global team has deep technical knowledge and experience with OpenLMIS. The team member has the requisite technical skills to evaluate and understand OpenLMIS deployments. In parallel, the CHAI Senegal representative has extensive knowledge on the local supply chain business processes, the environment and context in which OpenLMIS will operate and strong relationships with the MOH and other key stakeholders.</p> <p>The CHAI Senegal team member is learning the technical aspects of the system and is gaining an understanding of the requirements needed to deploy and operationalize OpenLMIS in Senegal. The CHAI global team member will learn how OpenLMIS will need to be configured, personalized and implemented in order to best serve country requirements and business processes. Together, this team will be able to support the MOH team more effectively during the study tour and once deployment begins.</p>	

Part II: Interested Parties

1. Name: Dr. Eloi Kamback Designation: CNLS
2. Name: Dr. Sokhna Gaye Designation: PNA

<p>Answer each question in 1 short paragraph. Bullet points can be used for brevity.</p>	<p>Leave blank Score 1-5</p>
<p>1) What are your goals and objectives for an OpenLMIS Study tour visit? (ie: what specifically do you hope to learn?)</p> <p>The overall goal of the visit is to gain a better understanding of how OpenLMIS works in a real world setting in order for the country to decide whether the software would be of added value compared to the software currently being used. More specifically the objectives are:</p>	

<ul style="list-style-type: none"> • To gain an understanding on the use and functionality of OpenLMIS in order to decide if this would be a good fit for the country • To receive direct feedback and exchange with current users of OpenLMIS • To discuss and better understand advantages and challenges of the software • Understanding the details of implementation of the software 	
<p>2) What are the OpenLMIS features that interest you the most, and why?</p> <p>There are a few feature of interest, including:</p> <ul style="list-style-type: none"> • The ability to synchronise data from DHIS 2, CommCare and ERPX3 (currently software being used in Senegal) • Full and real-time country inventory visibility at different levels (national, regional, district) • The high level capacity of stock management (alerts, ordering, forecasting, consumption) • Ease of use at all levels • Simplicity and specificity of the reports based on users need • Possibility to use without an internet connexion 	
<p>3) Are you willing to use your own source of funding to cover your daily meals and incidentals costs for a Study Tour? (Yes/No)</p> <p>Yes, the CNLS will cover the daily and incidental costs for the two country representatives. The country would also like to send a third representative of the MOH and the CNLS will be covering all expenses for this third representative.</p>	
<p>4) Describe specifically why these 2 specific individuals are well suited for this visit. How will they apply the information that they obtain from the Study Tour? (<i>are they decision-makers, technical people, what influence do they have, etc.</i>)</p> <p>As described above, CHAI has learned of the challenges with the supply chain in Senegal through its work on HIV treatment and diagnostics. CHAI works closely with the PNA, the CNLS and the DLSI on these two projects, which is why it is important to have one representative from each entity. The PNA works across all disease areas in Senegal and is the power house behind the supply chain, the CNLS is nested directly under the MSAS/MOH in Senegal and brings with it political clout and funding and the DLSI is the technical arm for HIV in Senegal. The three representatives are active employees of these three institutions and know best the needs of the country from three different vantage points: 1) supply chain, 2) political/funding and 3) technical.</p>	

The representative of the CNLS is the head of the procurement and supply management office. He is responsible for the forecasting and procurement plan and assure the liaison with the PNA and the global fund. He will assess OpenLMIS to evaluate the fit for Senegal. He will also advise the Head Secretary of the CNLS on the suitability of OpenLMIS for Senegal and how it compares to the current software currently in use. Seeing OpenLMIS in action will give him a good understanding of operational parameters and the time and resources required to implement the software in country. If OpenLMIS is selected for Senegal, he will be a key person to garner support from the CNLS, other MOH entities, the global fund and other donors.

The second representative is the IT manager from the PNA. He is familiar with the functional requirements for eLMIS as well as leads all IT related activities of the supply chain. Given his technical background and connections at the PNA, if OpenLMIS is selected, he will be one of the leaders to implement this new software. It is important for him to have technical understanding of the software to share with other key players in the MOH and gain buy-in. The manager will also advise the head of the PNA on the suitability and feasibility of using OpenLMIS for Senegal, a major milestone for implementation.

The third representative would be a representative of the head of the DLSI. This person brings with them an extensive technical background and experience from the field (monitoring health centers, trainings on new ARVs, implementation of new guidelines and algorithms etc...) They will be best placed to assess how OpenLMIS will work in the field in Senegal. Upon their return they will be responsible to share their assessment from a technical perspective with the different program leaders on the pertinence of OpenLMIS. The support of the other programs will be important as all programs would use this technology and it would have a direct impact on their program outcomes and particularly on patients.

- 5) What level of political buy-in and funding has been secured exists for the implementation of an eLMIS in country? *Any meeting minutes, emails or documented evidence of buy-in and funding are welcomed as attachments to this application*

The country has a strong interest in an open source eLMIS as it would fill the functional gaps of the Senegalese's supply chain. With the expectation that OpenLMIS proves to be a good fit it will be seriously considered for national implementation, the different parties will work together to secure funding from the government and different country partners to help supporting such implementation.

The country is highly engaged and supportive of this initiative and the CNLS will be fully supporting a third delegate to the visit as well as the daily and incidental costs for the two other representatives.

--	--

Statement of Truth

We offer our signature to officially state that all content in this application is true to the best of our knowledge. Signed:

Trusted Partner Name (Printed):

Alice Raymond

Trusted Partner Name (Printed):

Gaurav Bhattacharya

Signature:



Signature:


