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The dLab Third Roundtable in Health and HIV/AIDS

15th September 2016

University of Dar es Salaam, CoICT, Kijitonyama Campus

PUBLIC REPORT

On 15th September, 2016 the dLab conducted a roundtable focused in exploring health and HIV/AIDS data availability, use and re-use in Tanzania. The event took place at the dLab premises situated at University of Dar es salaam, College of Information and Communication Technologies, drawing more than 15 participants from different institutions for an open discussion on different health and HIV/AIDS data challenges encountered amongst stakeholders. This was the third roundtable of the series of roundtables convened by the dLab. The main objective of the event was to bring together stakeholders from health sector to brainstorm on the data availability, data use and re-use to support the sectors' operational effectiveness for improved service delivery in Tanzania.

The roundtable platform also provided an opportunity for the dLab to identify data and actionable information needs from the stakeholders to inform the dLab action plan for supporting the data revolution roadmap for the health sector. The dLab used the Health and HIV&AIDS roundtable event as an opportunity to clearly identify what activities it will undertake under the Health and HIV/AIDS agenda, which is one of its four prime focus areas including gender and economic growth. It is undeniable fact that health and wellbeing are critical to social economic development of any nation. Goal 3 in the global sustainable development goals (SDGs) seek to address the global health challenges in the next 15 years (2015-2030). Tanzania has already put in place its national five year development plan 2016/2017 – 2020/2021 within the context of alignment with the SDGs. Clearly, immense use of data is critical for proper monitoring of the SDGs/National plans targets and indicators.

The important aspect of the roundtable was to encourage stakeholders to align the data needs with the national plan and the global SDGs data on the health sector. Participants had an opportunity to explore these thematic areas a priori through round table materials that were distributed ahead of the round table event. The participants represented different institutions including public, academia, donor and CSOs. It is worth noting that the ministry of Health Community Development, Gender, Elderly and Children which plays a critical role in the formulation and implementation foresight of the national policies and plans governing this sector efficiency was represented through the DMO of Shinyanga District Council. Specifically, the participant's representation by

category included 4% from policy makers, 4% from private organizations, 32% from CSOs, 8% from donor agencies, 12% from research institutions and 40% from the implementing partners as depicted by Figure 1.

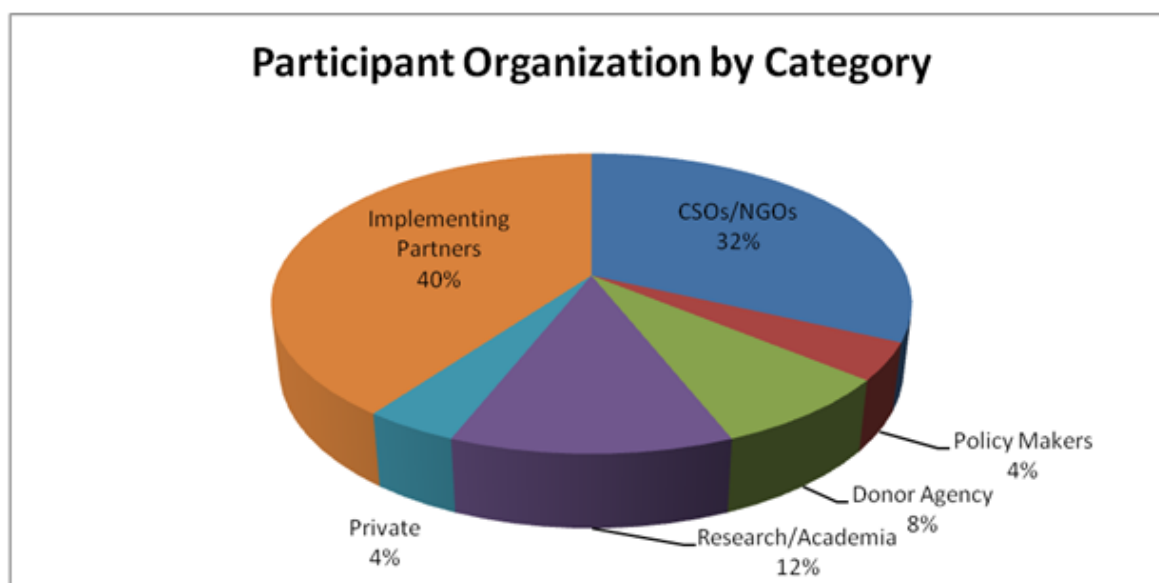


Figure 1: Participant proportion representation by category

The roundtable session was opened up by a series of enlightening talks to set a stage for discussions. To open up the session the dLab project Manager, Dr Juma Lungo, gave a welcome note followed by individual introduction from participants lead by Dr Godfrey Justo, the dLab Engagement lead, who also assumed the role for the roundtable lead facilitator. Subsequently, the dLab project Manager gave a crisp presentation about the dLab featuring an introductory to what the dLab is doing, what dLab is attempting to achieve in the next two years and a highlight on the dLab pillars/divisions and respective activities and involved team. This was followed by a presentation from the dLab Engagement lead, giving an overview of roundtable. The roundtable overview enlightened the objectives and expected outcomes of the event and provided a highlight on the agenda of the day. The next presentation from Amandeep Grewal, the dLab Director, centred at introducing the notion of open data featuring case studies from Street maps and PEPFAR Tanzania HIV/AIDS prevalence data. The open data enlightening talk solicited to unleash the fundamental concepts of open data and its relevance in fostering data use and re-use for common humanity good including directing disease interventions.

Participants had an opportunity to talk about their organization experience in data use and re-use through a perpetuated *ignite talk style* (<http://www.ignitetalks.io>) as depicted in Figure 2. Participants used the ignite talk session to introduce what work their organization are doing, the problem they are trying to solve, the data being collected or used to solve the problem and any information/tools needed to solve the problem (e.g., a satellite map, to adapt an app, etc.).



Figure 2: An Ignite talker Ms Juliana Benard from HelpAge International

The data critical issues that emerged out of the ignite talks are summarised in Table 1.

Table 1: Ignite talks raised issues

Organization	Work Profile	Data Related Encounters	Geographical Coverage	Remarks
ZAPHA+	HIV/AIDS Prevention, care and Impact mitigation	Uses its own data and require from other suppliers: Researchers and ZITLHP	Zanzibar	Publishes its data for Government use
RAFIKI SDO	Promote rights of the young and other vulnerable people	-Lack access to comprehensive data -Use various tools (paper) for data collection	Shinyanga	Improve Data collection tool and data skill
SAVE THE CHILDREN	Intervention for marginalised children or any form of child exclusion – to tackle exclusion	-Seek exclusion data - Partners with government, cso, children, academic	International	Challenges on access to data on children below the age of 18 – for provision of exclusion mapping
GEO POLL	Provisioning of mobile data	-Support data collection to meet	International	-Meeting cost for mobile operators

	collection services	stakeholder data needs.		-Challenge to overcome respondent Language barriers
Baylor-BIPAI	Provision of: -Care and treatment clinic for children with HIV/AIDS -Mentorship and Training to community care-workers	Determining HIV/AIDS prevalence by region, no enough data from the local officers -Enrol HIV/AIDs infected children	-Mbeya -Mwanza	-Collect data manually. -Require data from health facilities, but they are missing data due to existence of multiple data collection tools -Advocates for single comprehensive data collection too so one can get complete data
SUMASESU	Environmental conservation and Economic empowerment to people living with HIV/AIDS	-Collect HIV/AIDS data. Sources LGA, THMIS, etc -Share data to staff, stakeholders through meetings, to LGA through quarterly meetings, donor through reports and periodic review	Njombe	-Unreliable data access -Data are conflicting with other sources -Data exists only in hardcopies
DCLI INNOVATION CHALLENGE PROJECT	Promote Innovation around Data	Tools/platforms for access of actionable information to promote sector specific quality service delivery	National	Offer grants to potential innovators on competitive basis
AFRICA PHILANTHROPIC FOUNDATION	Umbrella for CSOs/NGOs and bridges CSOs engagement with govt, private and partners	-CSOs Mapping data -CSOs Data for SDGs CSOs innovation data	Regional	-Roll out consultation meetings (Regional/National) in which dLab posed to be invited. -Establish National platform for CSOs
HELPAGE INTERNATIONAL	Support and promote rights of old people (above 60 yrs)	Elderly population data on -Health and HIV/AIDS	International	-Collect data through various methods especially the age watch index

		-Income -Safety -quality of service delivery		-Seek to make data more available
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The event also featured a presentation from a domain expert point of view on the thematic connotation “**Emerging Data Opportunities**” as depicted in Figure 3. The presentation was focused on enlightening the alignment of the national priorities as laid down in the Tanzania National Five Year Development Plan 2016/17 – 2020/2021 in correlation to the SDG Goal 3 “Ensure healthy lives and promote well-being for all at all ages”. The critical aspect of the presentation was the attempt to elicit data needs for respective targets and indicators monitoring to ensure key service provision including;

- Availability of medics,
- Maternal, newborns and child health
- Communicable disease control
- Environmental hygiene
- Human resources for health and social welfare
- Availability of healthcare services
- Health care financing scheme



Figure 3: The Shinyanga District Council DMO Athumani Pembe wrapping up his enlightening talk on “Emerging Data Opportunities”

Table 2 summarises the key data issues that were raised.

Table 2: MONITORING TARGETS AND INDICATORS FROM SDGS GOAL 3

Key Target	Main Data Sources	Key Data Gaps/Challenges
Target 3.1 & 3.2	<p>HMIS data collection tool:</p> <ul style="list-style-type: none"> - Kitabu no 1-15 <p>HMIS Software:</p> <ul style="list-style-type: none"> - DHIS2 - HRHIS - CTC - HBC - eLMIS 	<ul style="list-style-type: none"> - Datasets are not complete, - Data are not consistent - Data quality issues - Data collection tools
Target 3.3		<ul style="list-style-type: none"> - Data quality - Repeated tests in HIV cases
Target 3.4		<ul style="list-style-type: none"> - Data quality - Difficulty in obtaining Deaths on 4 main NCDs from community level - Suicide mortality rate not included
Target 3.5		- Data quality
Target 3.6		-
Target 3.7		<ul style="list-style-type: none"> - Data quality - Difficult in obtaining community data - Difficult to obtain family planning data from ADDo shops
Target 3.8		<ul style="list-style-type: none"> - Data quality - Unavailable data on universal health coverage (not yet started)
Target 3.9		<ul style="list-style-type: none"> - Data quality - Difficult to establish cause of the diseases especially at primary health care facilities
Target 3.a.1		No any data set
Target 3.b		<ul style="list-style-type: none"> - Data quality - Availability of the tracer medicines - Availability of data collection tools
Target 3.c		<ul style="list-style-type: none"> - HRHIS is not regularly updated - Inadequate knowledge and skills on the use of the HRHIS software
Target 3.d		-

The key takeaways from the emerging data opportunities sessions included:

- Develop data training programmes targeting specific data skill gaps at all levels of the ministry of Health Community Development, Gender, Elderly and Children
- Disaggregation of indicators to be integrated in the current HMIS
- Review the community data collection tools (register book) for missing information
- Provision for better data collection tools at all levels

The dLab plans to scale up the number of organizations and sectors reached out by conducting more RoundTables in the near future that aim to target the priority sectors, including health & HIV/AIDS, gender, economic growth, amongst others, in line with the engagement indicator commitments. There is a follow-up strategy in place in which the RoundTable events are being backed up by other additional dLab outreach events to sustain continued collaborations. Numerous other dLab specialized events are on the pipeline, including hackathons, competitions and training in data wrangling, analytics, visualization and data/innovation workshops. Ultimately, the dLab has the prospect of greatly contributing on the aspects of improving data use, re-use and innovation for better decisions making and investment in Tanzania and support of national roadmap for the SDGs.

Annex I: dLab Roundtable Data Participants
UDSM/COICT Kijitonyama Campus, 15 September 2016

S/N	Full Name	Title	Organization
1	Jokha Salim	M&E	ZAPHA+
2	Richard Minyako	M&E	RAFIKI-SDO
3	Mwanahamis Mikidadi	IT Manager	BAYLOR
4	Collin Gumbu	Outreach Manager	DCLI Innovation Challenge
5	Anitha Martine	Researcher	SaveTheChildren
6	Tristan Lewis	Program Officer(M&E)	MCC
7	Kari Nelson	Associate Director	MCC
8	Agapiti Manday	PM	DCLI Innovation Challenge
9	Faustine Mwenda	Program Manager	SUMASESU
10	Athman Sungura	Bussiness Develop. Executive	GeoPoll
11	Stephen Chacha	CEO	Africa Philanthropic Foundation
12	Martha Kihampa	M&E	HelpAge International
13	Juliana Benadrd	Program Manager	HelpAge International
14	Dr Athuman Pembe	DMO-Shinyanga DC	Ministry of Health/Shinyanga District Council
15	Angelina Misso	Ass. Lecturer	COICT
16	Somoe Mkwachu	Training Lead	dLab
17	Charles Bundu	Data Scientist	dLab

18	Juma Lungo	Manager	dLab
19	Moses Ismail	M&E	dLab
20	Nyanyama Machumu	M&E	dLab
21	Dr Karokola	Resource Lead	dLab
22	Godfrey Justo	Engagement Lead	dLab
23	Zaituni Kaijage	Engagement Officer	dLab
24	Joseph Cosmas	Deputy Director	dLab
25	Aman Grewal	Director	dLab