DH&I WG all-member meeting
March 16, 2017

Action items:
➢ Join Slack dhiwg.slack.com or reach out to Lauren at lwall@path.org
➢ Contact the whole DH&I WG at dhiwg@googlegroups.com.
➢ Email Lauren at lwall@path.org if you would like to join the Business Case Small Working Group. More information will be sent out in the coming weeks.
➢ If you are interested in joining the digital health initiative's Peer Review Committee, email Lauren at lwall@path.org (see Carl Leitner member update below)
➢ If you would like to give a member update on an upcoming call, reach out to Lauren at lwall@path.org.

Participants: Garrett Mehl (WHO), Adele Waugaman (USAID), Paul Biondich (Regenstreif), Lauren Wall (PATH), Ashley Pajor (PATH), Patrick Taylor (Medical Teams Intl), Melissa Sabatier (Blusquare), Alice Liu (Jhpiego), Miquel Sitjar (PATH), Sam Wambugu (MEASURE), Alain Labrique (JHU), Luke Duncan (IntraHealth), Hazim Timmi (WHO), Dykki Settle (PATH), Patty Mechael (HealthEnabled), Chaitali Sinha (IDRC), Pamela Riley (Abt Assc), Kaylee McFadden (UNICEF), Florence Gaudry-Perkins (Digital Health Partnerships), Ian Fine (Fio Corp), Jenn Snyder (Jhpiego), Rita Sembajwe (RTI Intl), Steven Wanyee (IntelliSOFT), Carl Leitner (PATH), Supo Oyedepo (HSDF), Sherri Haas (MSH), Donna Medeiros (PATH), Gordon Cressman, Manish Kumar (MEASURE)

Opening remarks
Garrett Mehl (GM): Thank you for joining and to those of you who will give updates. These calls are a wonderful way to hear about what members are working on. If you want something on a future agenda, contact Lauren at lwall@path.org.

Member updates
Florence (Digital Health Partnerships):
● Florence recently returned from Senegal, where the MOH has developed a 5 year digital health action plan and M&E plan, which they hope to finalize it next month. Dr. Dia, Senegal's eHealth coordinator, (a recent role and nomination, December) is leading this work.
● The MOH is focusing on governance and leadership components, ensuring intersectoral governance is in place, liaising with the Ministry of Communications, which is the governing body of development plan for Senegal over next 20 years. They are also working on figuring out costing plan to be associated with the digital health strategy.
● Looking forward, the MOH is interested in building an action plan to cover concrete activities over 18 months, from June 2017 to Dec 2018. The aim is to align this 18 month action plan with the 5 year development plan of Senegal, which starts in Dec 2019 (?) when a larger investment plan kicks in.

- The MOH and Florence have had an initial call with the HDC secretariat to request HDC support. Dr. Dia, the eHealth Coordinator, is extremely interested in the the HDC initiative and its support, and the DH&I WG in particular.
- Florence will be back in Senegal the week of March 20 to continue providing technical support. Next steps include:
  - Continued meetings with leadership in Senegal, such as the eGovernment agency, quite a strong agency in Senegal, with good technical capacity in place--but not a team that's dedicated to health per se.
  - Continued outreach to implementing partners, a lot of work on harmonization of existing and new efforts needed over the next year.
  - Sending an official letter from Government of Senegal to HDC, in particular requesting a workshop with global experts to do assessment of the existing HIS.
  - Florence and the DH&I WG co-chairs will connect offline on concrete next steps. Those interested in participating in this work/discussion should email lwall@path.org. An update will be provided at the next DH&I WG all members meeting.

AeHIN Meetings, Paul Biondich (PB) in place of Alvin Marcelo (regrets):
- Distinct honor to be a part of these meetings in Naypyidaw.
- 250-300 reps from Southeast Asia (SEA) region. Upward of 20 countries represented.
- AeHIN is a rapidly growing and fairly well established community of practice (COP) including leaders from various SEA countries.
- The meeting's focus, as in past years, is helping countries help themselves on questions around eHealth implementation and architecture activities.
  - One of the predominant themes was work helping each other establish eHealth strategy and data sharing architectures.
    - Countries are at various stages in the continuum of readiness most at the stage of wanting to establish data sharing strategies/protocols.
  - A lot of opportunities to co-mingle the goals of the AeHIN group with the goals of this WG.
  - Of note was a presentation from the Asian Development Bank (ADB) about a recently-developed costing tool for the implementation of large scale architectures of nationally scaled digital health implementations.
  - **Dykki (PATH)**: AeHIN presents an extraordinary models that shows what can happen when countries come together: routine meetings as well as direct support to countries. How global concepts can apply at the country level--to really be down in the weeds about what's working/not, what countries can use, really exchanging knowledge. It's that kind of learning that's needed for substantial and long-term capacity building. Such a large meeting with so many participants from so many of the 25 member countries. We as the global community need to figure out how to facilitate this.
  - **GM**: Wonderful to see the capacity that AeHIN has been a part of fostering in the countries. Real strong leadership that seems to be forming. Number of emerging countries sharing with others their approaches and tools that they have built and

learned from. A model that hopefully we'll see replicated elsewhere as a joint learning environment.

- ○ **Ousmane Ly (Ministere de la Sante, Mali) (via ReadyTalk chat box):** AeHIN was a wonderful opportunity - we can replicate this work, we have a start with African Centre for eHealth Excellence.
- **Vital Wave representative**: Question: Others have experience with the emerging peer network in Africa. Compare/contrast where they stand?
- **Supo Oledepo (HSDF)**: Nigeria very interested in that model from ADB, so will follow up with Paul.
  - ○ In Africa there are a number of networks to engage. We've had a 3 month conversation starting in December, trying to replicate the AeHIN model in Africa.
  - ○ Although there are a number of related networks that exist around the continent, none has reached this type of critical mass that AeHIN has been able to reach in Asia.
  - ○ Supo has spoken with several people representing various networks, and observed that no single network can articulate and provide a clear value proposition to the community. So we have networks but there's also a team of networks across the continent.
  - ○ Hoping over next couple of months, toward middle of the year, that some of this will synthesize through a clear plan to address this. Africa is huge, so it an African network could be organized by region or by subject area.
- **Dykki (PATH)**: About a year ago, a landscape analysis was done and can be shared. Sorry you did not make it to AeHIN, Supo, (Alvin and Ousmane had great conversations)
- **Donna Medeiros (PATH)**: At the AeHIN meeting there also was a review by the MOH (GDPM and ICT) of Vietnam on the current state of their health information system future plans for health information exchange. The presentation hasn't yet been posted.

Taxonomy Meetings , GM:
- This group is working on updating a classification scheme for digital health, to provide a bridge for those working in health sector to be able discuss requirements with those who are working on the technology side.
- At AeHIN a short prep meeting was held. In mid-March a meeting in the PATH Washington office was held to review the work that came out of WHO, Johns Hopkins' and others' work on mHealth taxonomy, to identify what would be required to evolve it into a classification scheme to apply to digital, not just mobile, health.
- There were 15 participants, some virtual, some in person.
- Three parts of the classification scheme were considered:
  - ○ 1) defining a programmatic problem
  - ○ 2) categories of shared digital assets (LMIS, EMR, HMIS, for example, are all categories of investment, definitions exist),to leverage existing standards,content and common vocabulary
  - ○ 3) How do you utilize the investments to meet programmatic goals?
    - ■ The meeting focused on shared language that resonates with those in programmatic space (e.g., TB/HIV, Malaria, MCH) so that they can articulate

what they want system to do while also providing sufficient detail of functions for those on tech side to unpack what those classification categories include.

- ○ Reviewed ISO standards as well as HL7 work, particularly on EMRs, that provides very consistent language, and they will incorporate this into the framework.
- ○ As next steps the group is using feedback that came in, ensuring they have something that they can then share with larger set of HDC members.
- ○ This will be an evolving framework and will require governance structure, which was discussed.
- ○ We will be bringing that process into HDC to ensure that we can gain feedback from the community.
  - ■ **Manish (MEASURE):** MEASURE is working on something similar, looking at a different vocabulary being used, which has become a problem. Can you share? How can we collaborate? Contribute?
  - ■ **GM:** To clarify, we didn't focus on interoperability vocabulary. Will be opening to HDC moving forward, welcome feedback, previous work.
  - ■ **Manish and Garrett:** Will continue their conversation offline.

Small Working Group 1 (Digital Health Maturity Matrix), PB:

- In the December in-person meeting of the DH&I WG, we heard presentations from a number of countries that occupied various places on maturity continuum, and therefore had different needs. The WG thought it was important to identify the various stages of maturity in order to accurately identify what kinds of artifacts will be most useful to help countries advance to next stage of maturity.
- The digital health maturity matrix will be both illustrative, describing levels of maturity, and operational in terms of its ability to help move countries from less to more advanced.
- ➤A follow up call on March 22 at 9 ET was highlighted as a chance to get into the weeds of operationalizing the tool and developing drafts/content. This small WG is open to participation - email Lauren at lwall@path.org if you would like to participate. You should have received notes from last meeting and invitation to participate in upcoming meetings, but please reach out if you need them resent.***This call took place and minutes will be sent out.***
  - ○ **Xen Santos:** CDC has a reasonable amount of work done in drafting a model. Important question for all of the reasons you've said.
  - ○ **PB:** We'd love to have the materials CDC has created, welcome your participation. We hope to have something in draft form in next couple of months.

Carl Leitner/PATH digital health initiative

- Some of you have heard about the new digital health initiative (dhi) coordinated by PATH to align donor investment for coordinated "global goods" for digital health.
- The dhi will invest in global goods for digital health and want to bring in a wider community to engage in the work planning and review cycle for what these investments are. The dhi would like to make an invitation in the DH&I WG to participate in the review process.

- Workplans or concept notes will be submitted for funding a global good. They will be reviewed by a peer review committee to provide comments/suggestions to ensure that the proposals align with other activities that the submitters may not have known about.
- Reach out to lwall@path.org if interested.
- Timeline: The dhi is beginning work with partners on two investments that came out of the USAID BAA related to the global open facility registry, and one related to interoperability called 'empty box'. Just after this call they are starting that process with the BAA participants. Over the next few weeks they expect to have proposals in for review.

GM: Small working group 2, Business Case
- This SWG has not yet started.
- This SWG will focus on the business case for DH&I, ensuring we have a slide deck and shared assets to make the case for these investments so that we can ensure that with every subsequent investment made the larger shared goods/assets are being contributed to.
- A variety of organizations have done some work on this and we are hoping to bring together those experiences and artifacts to create something that would have these different audiences in mind. This small working group is open to all on this call, if you're interested in participating/contributing content, time, resources, or thoughts.
- A separate email will go out to request participation - in the meantime, you can email lwall@path.org if you know you'd like to participate.

Other news and member updates
- **Steven Wanyee (Intellisoft Kenya):** He is working on (with Digital Lab of Tomorrow and GIZ), a digital health intervention which will create a generic "plug and play" plugin that is a set of features pluggable into standards-based EMRs in Kenya to support NCDs healthcare services.
  - **Dykki:** Any links to Be Healthy, Be Mobile? They haven't participated in these calls, should invite to join. (Lauren has followed up on this. Interested members should email lwall@path.org to join)
  - **GM:** Focus on innovation labs as well, may have good alignment.

- **Patty Mechael (HealthEnabled)** - Update on Digital Health Index - HealthEnabled, which is creating the Digital Health Index, a "an interactive digital resource to track, monitor, evaluate, and score the effective use of digital technology for health". HealthEnabled will send out a report from a workshop they hosted in Cape Town where they narrowed down to 50 prime indicators.
  - Looking to structure more as multi-stakeholder initiative.
  - ThoughtWorks developed spec for Version 1, trying to build momentum.
  - It falls within the public good category. They were planning to have a Google group with key stakeholders from the workshop, but would it make more sense to move some of this work around indicators and narrowing set and framing into this group? Open question.
    - **PB:** Should have an offline conversation with co-chairs. We would be open to trying to coordinate bringing that work into the fold of this working group as the last thing we want is to have cross current goals.

■ This work was discussed in the Maturity Model Small Working Group meeting. Minutes will be sent out soon and an update will be shared during the next meeting.

PB: Communications: Effort in the past month to build some communication channels we should leverage.
- We have a mailing list with 80-100 members. Use it to make announcements. We will use it mostly for sending out info about calls, the minutes, strategic communications. You can reach the group at dhiwg@googlegroups.com.
- For more active conversation, we have a new Slack team with about 50-60 people. Hopefully you have received the invite to it but if not, email lwall@path.org. (dhiwg.slack.com)
- Within Slack there is a general channel, as well as channels for updates specific to countries and the small working groups. This is a great tool to facilitate more real-time interaction in between the monthly WG calls.

GM: Please share your meeting topic ideas and member updates for future meetings with Lauren at lwall@path.org.

Next meeting: April 20 at 10am Eastern time (every 3rd Thursday)
Google Drive: https://drive.google.com/open?id=0BwaERMI3v-rpcW5xTlRaMkwzUHc
Slack channel: dhiwg.slack.com (Email lwall@path.org if you need help joining).
Listserv: dhiwg@googlegroups.com