iHEA preconference session proposal

Workshop format – open session!

* Name, institutional affiliation and contact details of session organizer: openIMIS Initiative Siddharth, Swiss TPH
* Session title: *Value of health insurance data from a public health perspective*
* A description of the intended audience for the session: *Academics and practitioners in the area of health financing in Europe and abroad (emphasis on low and middle income countries)*
* Session length (2 hours, ½ day or full day, or two-days) – *half a day*
* Required room size – 4*0*
* Preferred session date (13th or 14th July, noting that scheduling will be done on a first come, first served basis) – *14th morning*
* Description of session format – *Workshop format open to all delegates*
* Description of the session content

*Objective: To establish requirements for an analytics module to be developed for the global openIMIS solution*

*Abstract*

*As ever greater numbers of countries strive towards Universal Health Coverage (UHC) and Universal Social Protection (USP), IT systems that operate in a range of complex environments for multiple stakeholders avoiding silos are a need of the hour. This is reflected in the emerging principles for donor alignment in digital health[[1]](#footnote-1), the UHC 2030 Agenda[[2]](#footnote-2) and in the principle of the Health Data Collaborative[[3]](#footnote-3), as well as other on-going developments to strengthen the governance of digitalisation.*

*openIMIS is the first open source software for managing health financing interactions. It links beneficiary, provider and payer data. It is a powerful tool to strengthen strategic purchasing of health services and digital processing of health system data.*

*openIMIS has a modular and adoptable design. The modules cover the following business processes:*

* *Enrolment and contribution collection*
* *Beneficiary verification*
* *Claims management*
* *Client feedback*

*openIMIS has a front-end interface allowing for quick registration procedures even for remote, rural areas and can be used online and offline. The modules can be customized to specific countries` and organizational needs.*

*The broader Initiative seeks to create and nourish the relevant communities to establish openIMIS as a Global Good for Digital Health[[4]](#footnote-4) that is:*

* *adaptable to different contexts*
* *based on Free and Open Source Software (FOSS)*
* *governed by a clear structure with multiple funding sources*
* *deployed at significant scale, across multiple countries*
* *of demonstrated effectiveness*
* *interoperable in design and an emergent standard application*

*Health financing mechanisms (such as insurance systems) capture a wealth of data on individuals, their families, their treatment, their health care costs, diagnosis patterns, prescribing behavior, cost of service provision, etc. In this workshop we will explore the ways in which such health system data has been/can be used to provide insights for public health system improvements in various settings. The focus would be both on high as well as middle and low-income countries.*

*The core data elements captured in an exemplary health insurance system will be introduced to the participants along with some examples of the use of such data to trigger a facilitated brainstorming session around different possible use cases. Subsequent to the workshop these would be generalized into analytics requirements from health financing systems. The workshop would aim at gathering inputs for the openIMIS Initiative to contribute towards the development of an appropriate analytics module. The draft prepared with inputs from the workshop would be placed on a publically available platform under a free to use Creative Commons License where further inputs and contributions can be made. The technological solution leading from these requirements will also be placed on the openIMIS repository under an Open Source license.*

*The workshop will expect to also raise discussions around the quality and quantity of data captured as well as challenges around sharing such data for public health research. In addition the opportunities and challenges around health data standards as pre-condition for interoperability in a country´s health information system will be explored.*

*We intend to promote participation from attendees by marketing through communication channels of the openIMIS Initiative like website, newsletter and mailing contact lists.*

* Session Overview (50 words) for Congress website and program – *Health financing systems capture a wealth of data. This workshop will explore ways to use these data for public health system improvements. The results will contribute towards the development of an analytics module for the openIMIS software. openIMIS is an opensource software that helps manage beneficiary, provider and payer data.*
* Please indicate if you wish to charge those who want to attend your session a cost-recovery fee or if you will seek to secure/have secured sponsorship for your session: *Fully Sponsored*
* Billing details (name, organization and contact details for invoice) - Alicia GIZ

Tentative Agenda:

* Short introduction to openIMIS Initiative (short presentation)
* Setting the stage/scene (short presentation)
* Use of health insurance data (short presentations on existing works by academics):
  + Case from Switzerland – checking through Insurance medicine course SSPH+
  + Case from Germany - Mr. Pascal Kaiser, GKV-Spitzenverband or so? Perhaps from academia
  + Case from LMIC – Fabrizio Tediosi (R4D project Ghana – using insurance data)
* Presentation of basic data model within insurance systems and introducing lead questions for group work
* Group work (facilitated discussions with sub groups)

Presentation back from the groups

1. <http://digitalinvestmentprinciples.org/> [↑](#footnote-ref-1)
2. https://www.uhc2030.org/ [↑](#footnote-ref-2)
3. https://www.healthdatacollaborative.org/how-we-work/ [↑](#footnote-ref-3)
4. https://wiki.digitalsquare.io/index.php/What\_are\_Global\_Goods [↑](#footnote-ref-4)