

INTRODUCTORY WEBINAR

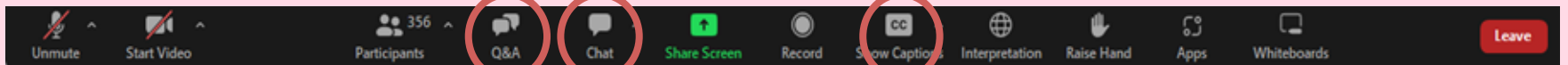
Hackathon for Reproductive, Maternal, and Child Health Data in Ethiopia



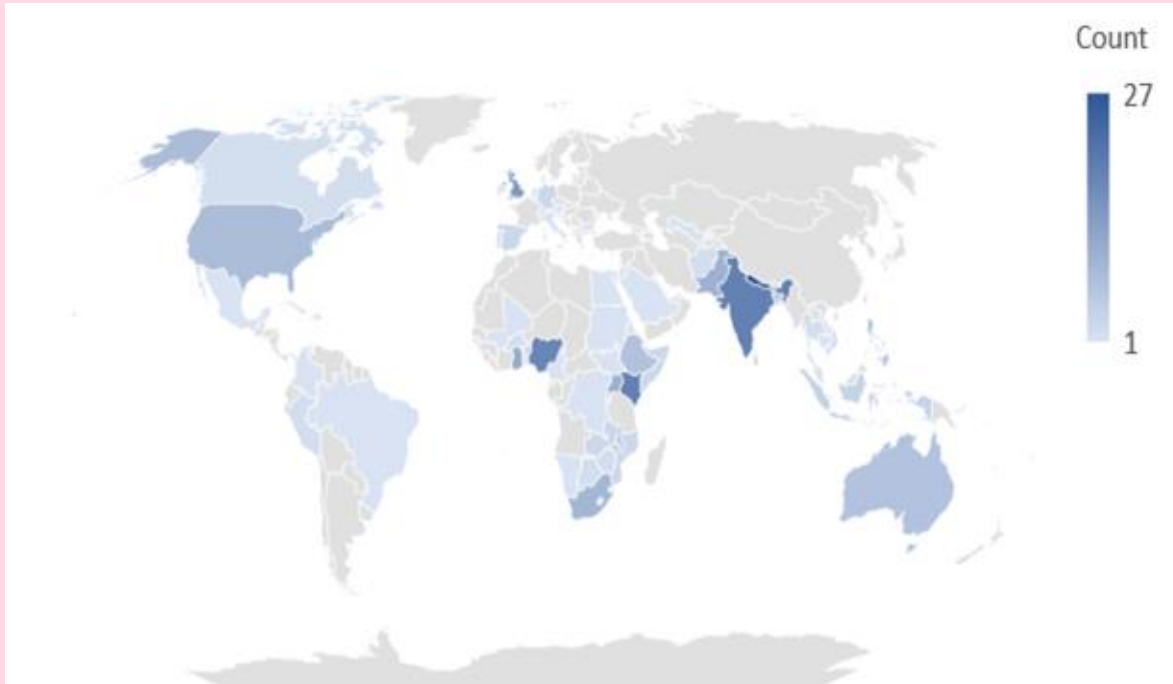
Thursday 21st May 2026 | 15:00-16:30 GMT+1 | 17:00-18:30 EAT

Housekeeping

- This webinar is being recorded and will be shared on The Global Health Network platform through the Global Health Data Science Hub.
- This event will be held in English. There is a **closed captions** function to add subtitles in a different language.
- Due to the number of participants your video and microphone have been disabled.
- Please use the **Chat** function to introduce yourself or to report any technical issues.
- Please use the **Q&A** function to post your questions and comments. You may do so anonymously.



Who has registered for today's webinar



Country	Count
Nepal	27
India	19
Kenya	19
Nigeria	18
United Kingdom	15
Ghana	11
Pakistan	10
Uganda	10
Malawi	9
South Africa	9
United States	8
Australia	7
Ethiopia	7
Philippines	7
Bangladesh	6
Tanzania, United Republic of	6
Congo, the Democratic Republic of the	4
Indonesia	4
Rwanda	4
Benin	3
Gambia	3
Total	270

Panel & Agenda

1. **Welcome (5 mins):** Chair, Larissa Pruner Marques, Fiocruz
2. **Introduction to topic area and dataset (20 mins):** Dr. Robel Yirgu, Addis Ababa University
3. **Hackathon rules & participation (10 mins):** Chair, Larissa Pruner Marques, Fiocruz
4. Questions & Discussion

Introduction to Reproductive, Maternal, and Child Health in Ethiopia

Performance Monitoring for Action Ethiopia

National survey research

Principal Investigator: Solomon Shiferaw (PhD, MPH)

Co-Principal Investigator: Assefa Seme (MD, MPH)

Robel Yirgu (Post Doctoral Fellow)



EPMA

Ethiopia Performance Monitoring for Action

PMA 2020 Overview



- Main goals

- Monitor progress in access to and use of contraceptives
- Track the 120M new contraceptive users to be served under FP2020
- Rapid data collection for
 - Annual estimates
 - Dissemination

mADDs
mobile Assisted Data and
Dissemination System

- 10 countries planned

- Year 1: **ETHIOPIA**, DR Congo, Ghana, Kenya, Uganda
- Year 2: Burkina Faso, India (UP), Indonesia, Nigeria, Senegal

- 2 linked mobile-assisted surveys

- Sentinel Household Survey – demand and use
 - Household Questionnaire (HQ)
 - Female Questionnaire (FQ)
- Service Delivery Point Questionnaire (SQ) – supply and access
- Panel Study

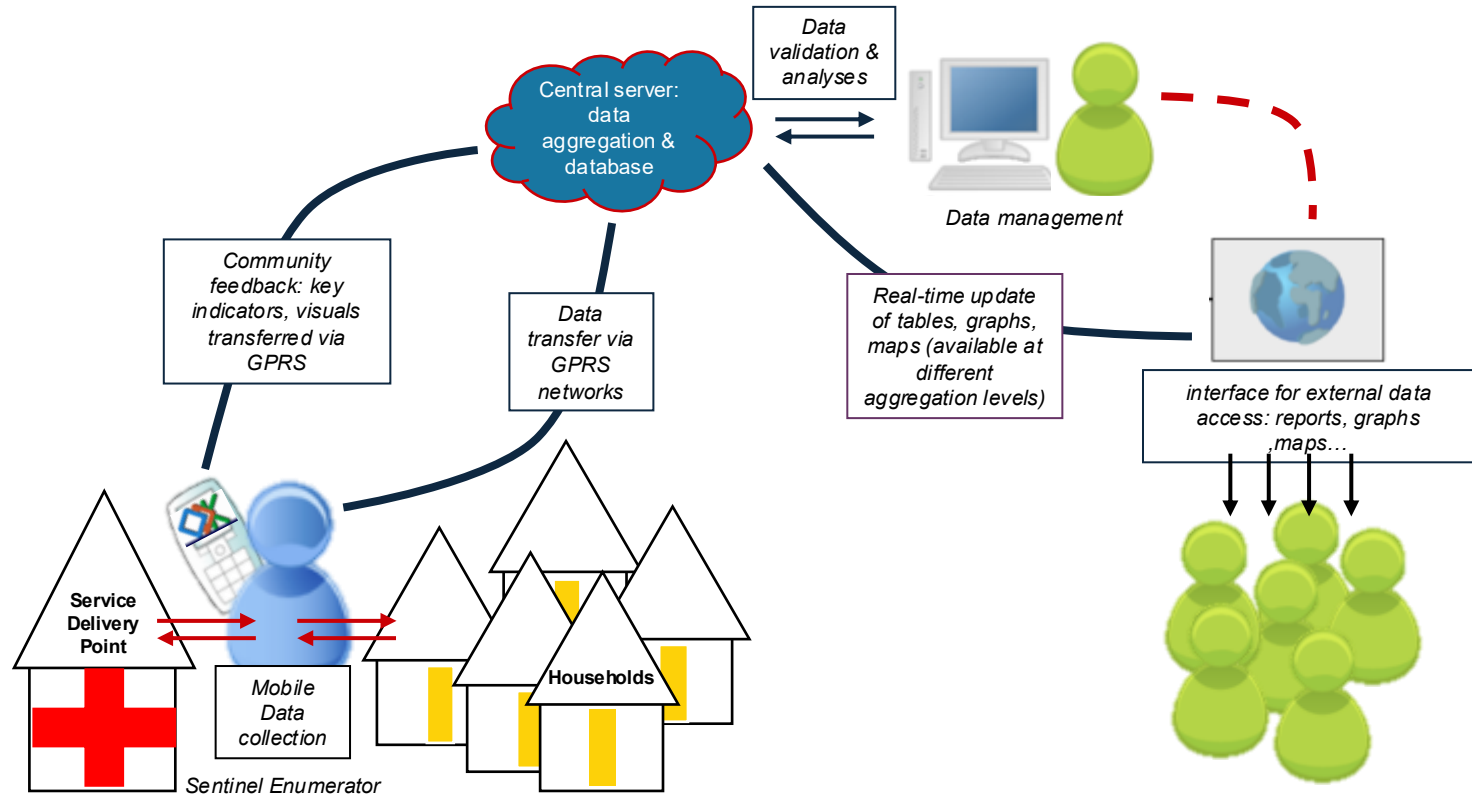
mADDS Features

- Employs innovative mobile technology
- Supports low-cost, rapid turnaround surveys
- Generates annual (or semi-annual) indicators
- Provides consistency with DHS measures...
- ...and introduces new indicators of quality, choice, access



Innovation from collection to dissemination





The use of mobile devices lends itself to the collection of new types of data...

- GPS coordinates
- Date / Time
- Bar Code



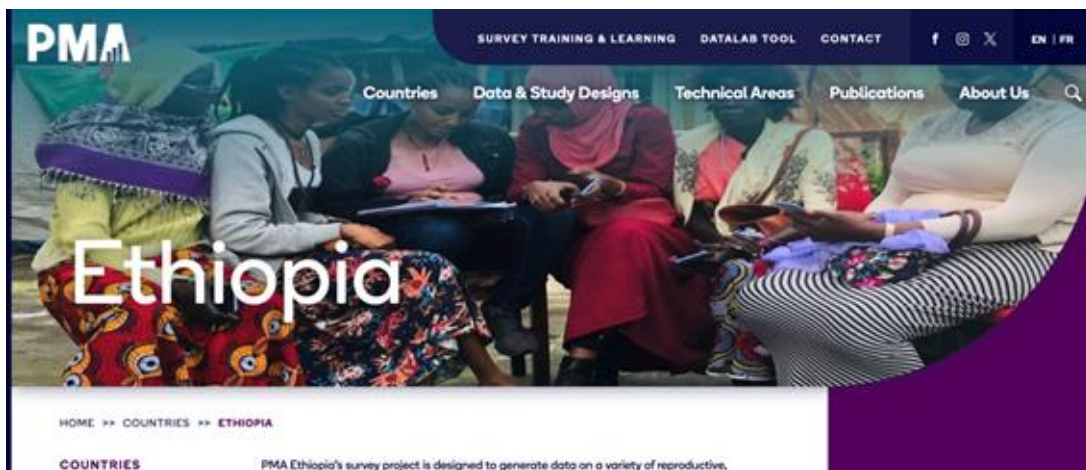
Dissemination

- Automatically populate databases
 - real-time access
- Annual reports available online



- Open access database: <https://www.pmadata.org/data/available-datasets>

Thank you



<https://www.pmadata.org/countries/ethiopia>

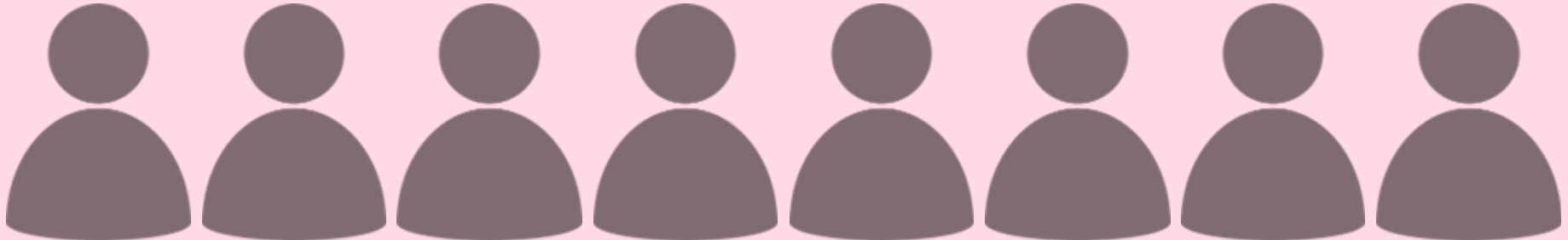
Hackathon Rules & Participation

How to sign up: registration form

- At the end of this webinar, we will give you a QR code that leads to a Google Form. This registration link will also be shared with others that registered for today's webinar.
- In this form, you will be asked to provide your:
 - Name
 - Email
 - Institution, role, and career stage
 - Country
 - Methodological expertise
 - Brief description of your research interests
 - If you're signing up as part of a team, there will be a place on the form to list your other team members' names.

Who should sign up?

- This is a virtual hackathon. **You can be based anywhere!**
- **You don't need to have a team** to sign up. If you sign up as an individual, we will match you up with other individuals or teams. We will aim for a team size of 5-ish people.
- **You don't need a research question** in mind to sign up. We will provide each team with a designated research question.
- While **knowledge of working with data** will be helpful, you don't need it. If you are new to working with data, we will try to match you up with others that have more experience.
- We especially encourage **early career** members to sign up.



How the hackathon will work

Team assignment

On the day the hackathon starts, each team will be given a research question to answer using the PMA dataset.

Teams will be contacted via email - all team members' emails will be shared with each other so that you can keep in contact once the hackathon starts.

Hackathon

You will be given **one month** to work with the available data to answer your given research question.

During this one-month period, we will have **two drop-in sessions** based on everyone's availability, so that your team can ask the subject matter experts some questions if needed.

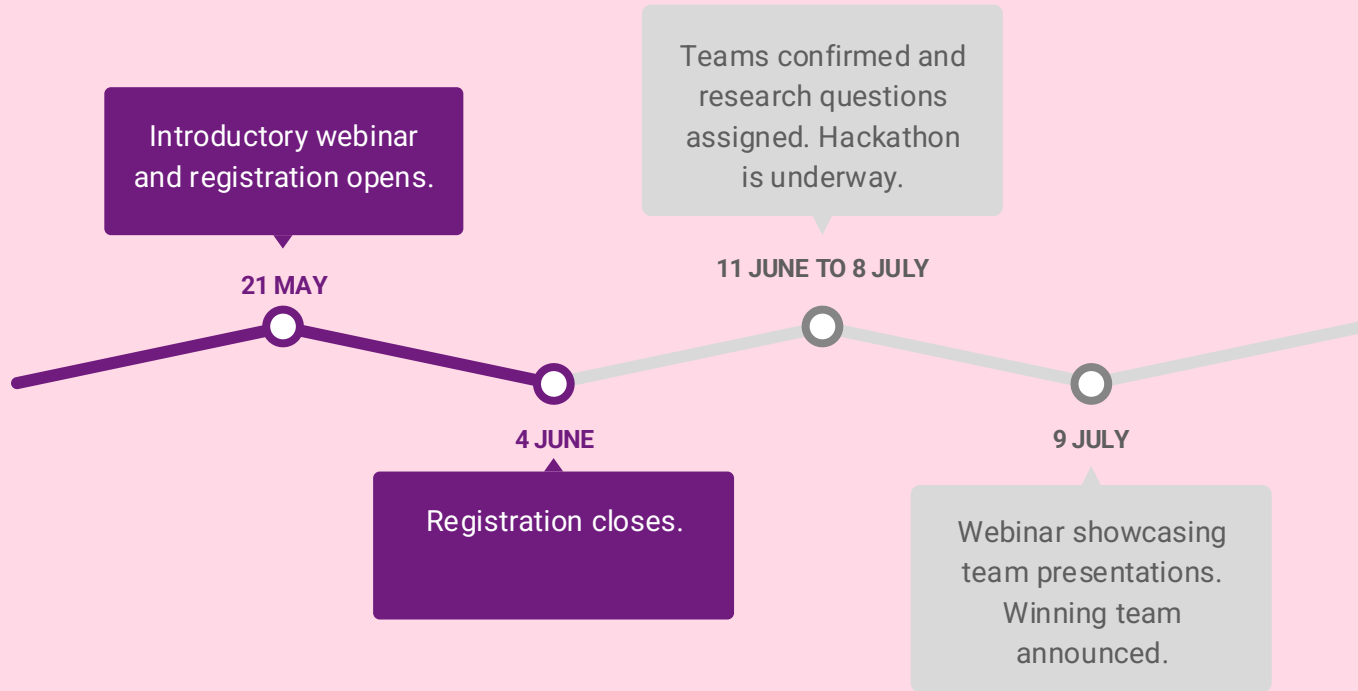
Presentations

At the end of the one month period, each team will be expected to complete a 15 minute presentation based on their findings.

Your team will be judged **solely based on this presentation.**

The amount of time you spend on the hackathon is up to you, but we've set it up in a way that should allow participants to carry on with their full-time work!

Timelines



Your team's presentation & judging

- Each team will be expected to present for 15 minutes during the concluding webinar in July.
- In this presentation, you should:
 - Explain your research question in more detail, including some background research.
 - Explain which parts of the PMA data you used.
 - Explain your methodology.
 - Illustrate and discuss your findings.
 - Discuss any policy implications from your findings.
- You will be judged by a team at Addis Ababa University.
- The winning team will be supported in publishing a peer-reviewed manuscript based on their findings.
- All teams will have their work showcased on The Global Health Network.

...and don't worry if you didn't take notes, because these slides will be shared with you so that you have all the information at hand!

Any questions?

Registration Link

<https://forms.gle/JLMo6k7cRBGqXmZ6A>

