

 English, Português, Español



Register.

What is a Pathfinder Study?

Tools and Benefits

06/08/24, 15:00 UK | 11:00 BR/AR | 20:00 BD

THE
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LATIN AMERICA AND
THE CARRIBEAN



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Panel and agenda

Welcome from chair and Pre-event poll

Professor Trudie Lang - Professor of Global Health Research; Director of The Global Health Network (TGHN), University of Oxford, UK

Introduction to the Pathfinder concept

Aashna Uppal - DPhil Student, The Global Health Network, Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, UK

Case study from LAC: Pathfinder Birth in Brazil II and Pathfinder Vacina Maré

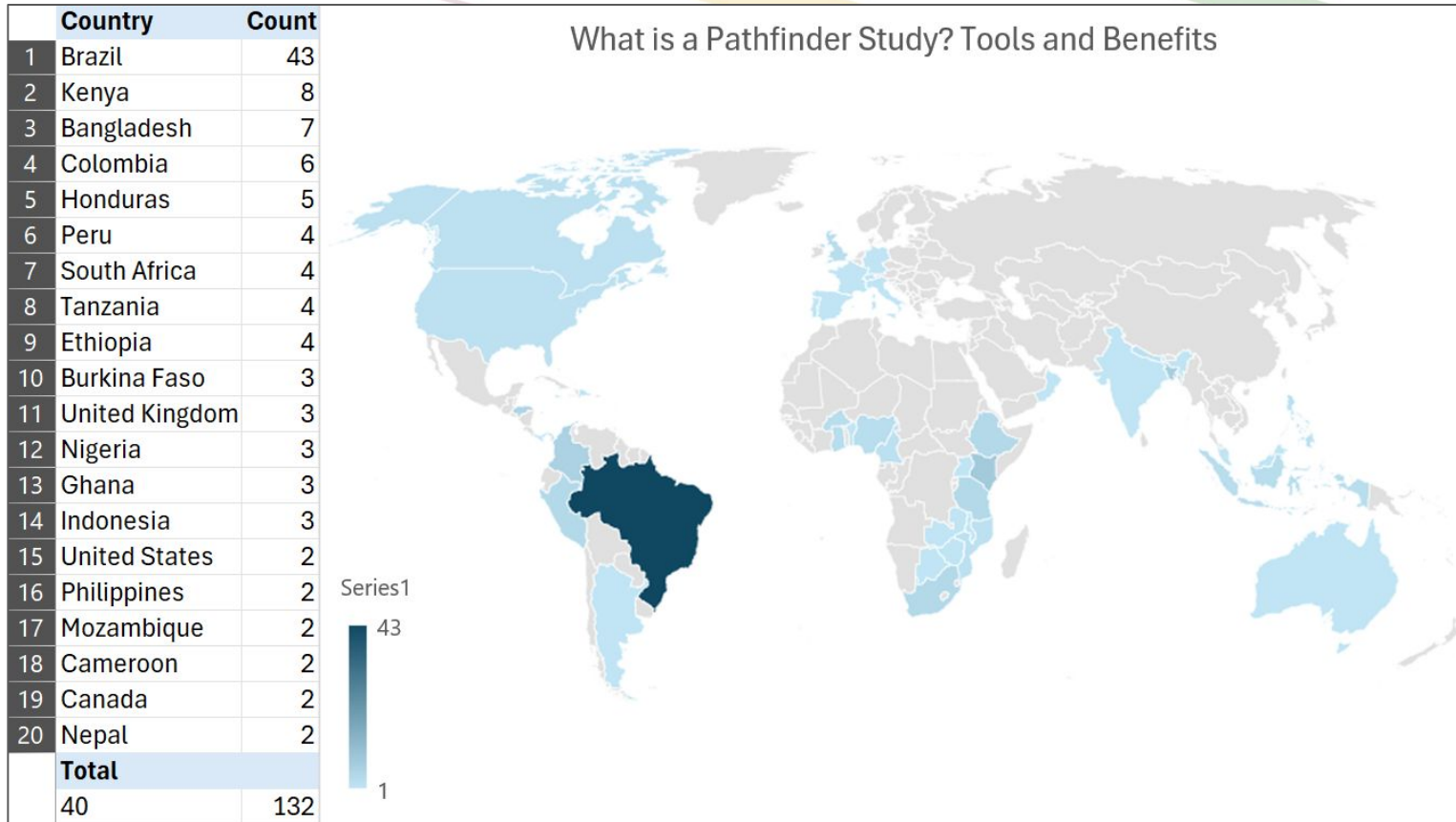
Dr. Larissa Marques - Data Coordinator of Fiocruz (Rio de Janeiro) at The Global Health Network Latin America & the Caribbean (TGHN LAC)

Pathfinder series activities

MSc Laís Araujo - Researcher of Fiocruz (Rio de Janeiro) at The Global Health Network Latin America & the Caribbean (TGHN LAC)

Panel discussion and Q&A

Registered interest in today's webinar



 *This presentation will be held in English.*

Introduction to the Pathfinder concept

Aashna Uppal

**DPhil Student, The Global Health Network, Centre for
Tropical Medicine and Global Health, Nuffield
Department of Medicine, University of Oxford, UK**

Introduction

The problem that we're trying to address

The roots of global health research – particularly data-driven research – have been planted by wealthier nations, and have influenced how it is structured in institutions, globally.

This means there is inequity both in the undertaking of new studies to generate primary data, and in the application of data science skills to ask new questions of secondary data.

Introduction

The problem that we're trying to address

Key barriers to high quality research being undertaken in and led by low-resource settings are well reported.

These known barriers include **limited access to cutting-edge research methods and technology**, as well as the skills to apply them.

The Pathfinder Methodology

Process mapping how data-driven health research is done

This “Pathfinder” methodology is undertaken alongside planned studies to **guide teams through each key step of their research.**

Pathfinders can also be applied to studies that have already been completed, **capturing best practices** so that others can learn from these examples.

The premise is that solutions to most design-related, operational and reporting challenges in research already exist.

PATHFINDER STUDY

What tools were required?

What solutions were identified?

What happened in each step?

What challenges were encountered?

Example Outputs:
Process Map,
Methods
Paper

HOST STUDY

Community
Engagement

Operations

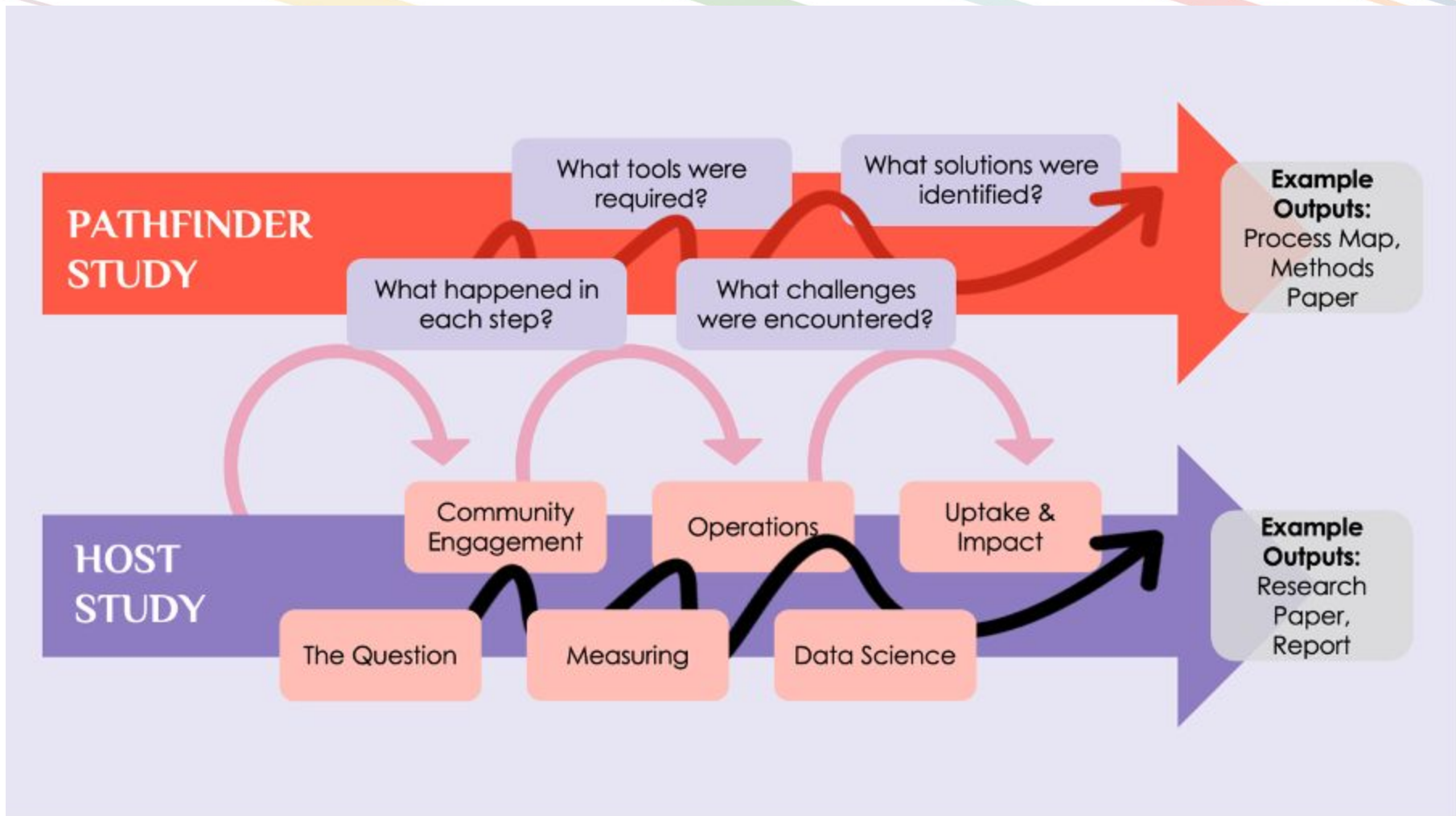
Uptake &
Impact

The Question

Measuring

Data Science

Example Outputs:
Research
Paper,
Report



The Pathfinder Methodology

Primary vs. secondary data

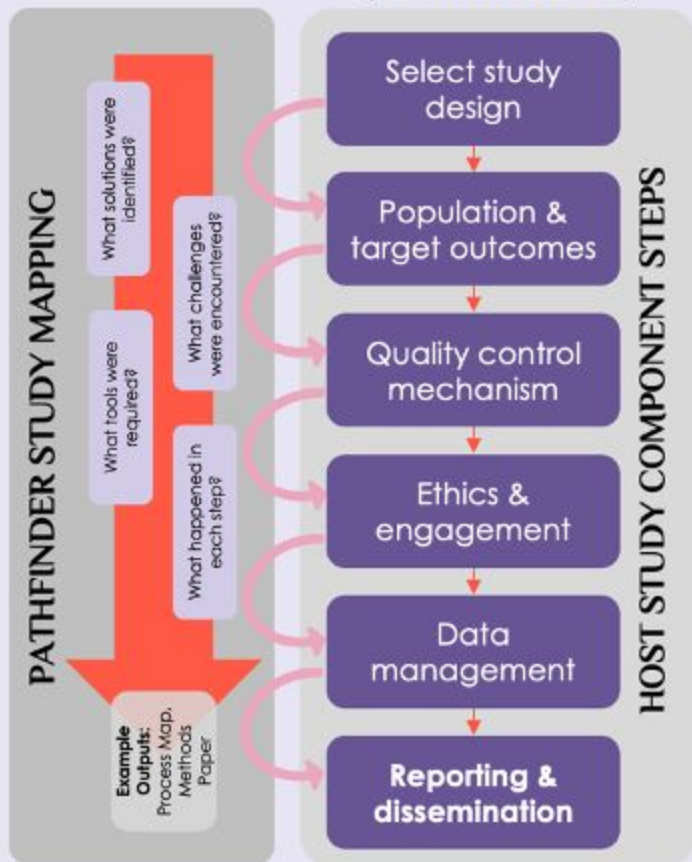
Host studies may ask new questions of existing data (secondary data), or secondly, host studies may generate new information (primary data).

Pathfinder Studies that are mapping the process of asking new questions of existing data may focus more on **data governance, infrastructure, and standards.**

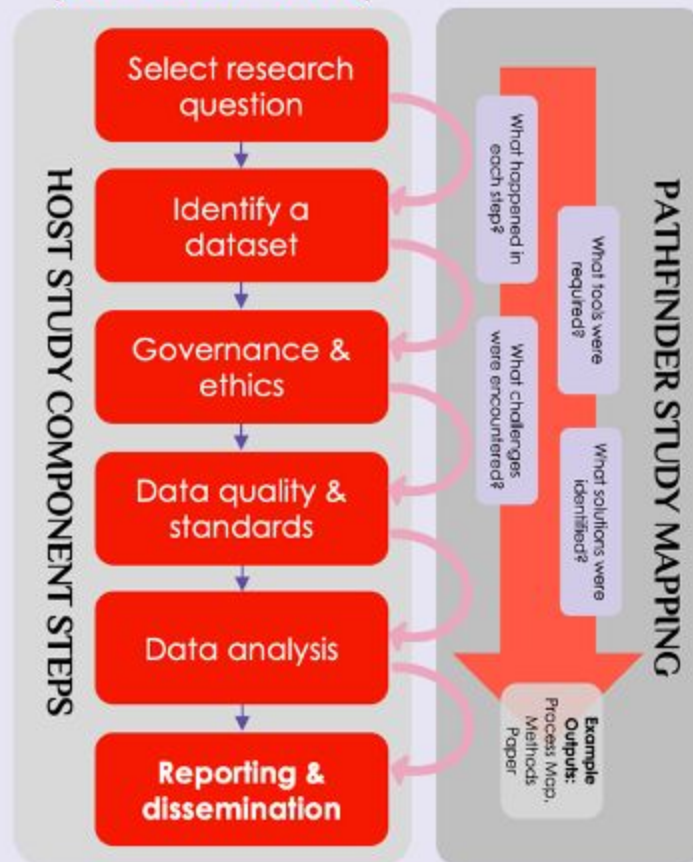
Pathfinder Studies that are mapping the process of generating primary data may focus more on **defining target exposures and outcomes** for which data will be collected.

...generating new information
(PRIMARY DATA)

...asking new questions of existing data
(SECONDARY DATA)



The host study
is...



The Pathfinder Methodology

Capturing the process

As the host study team undertakes their study processes, a **Pathfinder Study matrix** captures and tracks the metrics and on what activities took place to complete each step and, through qualitative methods, determine where challenges arose, as well as solutions to those challenges.

As more Pathfinder Studies are undertaken, through iterative learning-by-doing, and identifying when a roadblock is met, the host study teams can be supported to identify a solution.

	Description	Metrics: time, resources, costs	Outcomes, challenges, solutions, tools	Links to resources and training
Research Planning				
Data Management & Access				
Data Analysis				
Outputs & Impact				
Stakeholder Engagement				

ENGAGEMENT AND KNOWLEDGE TRANSLATION:
communicating and improving while doing

Iterative Pathfinder Process

Data Reuse

Consider additional research that could be done with the data

Host Study Planning

Identify a host study and identify host and Pathfinder teams

After the Study

Communicate findings of Pathfinder study and host study, where applicable, and share data

Mapping Host Study

Track and record metrics of the host study

Host Study Identifies Barrier

Support sought and solution identified

Acknowledgements

Thank you to key individuals behind this idea!

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Aliya Naheed
Elvis Temfack
Cristiani Vieira Machado
Agklinta Kiosia
Trudie Lang

Thank you.

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