



**PATH**

**PARTNER TYPE:**  
Non-governmental organization

**MEMBER SINCE:**  
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## INSTITUTION BACKGROUND

PATH is the leader in global health innovation. PATH accelerates innovation across five platforms—vaccines, drugs, diagnostics, devices, and system and service innovations—that harness our entrepreneurial insight, scientific and public health expertise, and passion for health equity. With these key partners, PATH delivers measurable results that disrupt the cycle of poor health.

In the Asia Pacific region, PATH malaria programs and projects operate in India, Vietnam, Cambodia, Lao PDR, Indonesia, Myanmar, Bangladesh, China, South Korea, Japan, Thailand, and Papua New Guinea.

## PARTNER INSTITUTION ENGAGEMENT WITH APMEN

The PATH malaria team are active members of APMEN, collaborating with partner institutions and national programs to test and bring to market G6PD diagnostic tools and high-sensitivity RDTs. PATH co-funded annual meetings and funded G6PDd workshops organized through the APMEN Vivax Working Group (VxWG).

In partnership with MMV, PATH launched a 5-year, jointly led initiative, **VivAccess** to support countries in the elimination of *P. vivax* malaria by bringing to market the products that will be needed for radical cure. Planning for VivAccess was done during the APMEN VxWG meeting in Nepal together with APMEN Partner Institutions, CHAI Cambodia, and PSI Myanmar.

MMV and PATH have existing tools and trainings that are being used as part of the VivAccess program that could be adapted and utilized for APMEN Country Programs. Additionally, the VivAccess project works to share operational research resource from Latin America, Ethiopia, and India with other programs and partners in Asia-Pacific.

## CORE EXPERTISE AND FUNCTIONS

### Technical Support, Training and Operational Research

#### Case Management

##### Technical Support and Training

- **Diagnosis:** Advanced 5+ diagnostic technologies to commercialization to support malaria treatment and elimination, including G6PD tests and high-sensitivity RDTs. Efforts on diagnostics and *P. vivax* are PATH's most prominent work in the Asia-pacific.
- **Surveillance:** Partnered with countries and organizations across sectors to deploy surveillance systems and analytic tools to enable better case management and decision-making. PATH is building capacity among ministry of health employees and community health workers in data literacy, use, mobile reporting, and visualization, as well as data-based decision-making. This work is mainly done in Africa via PATH's Visualize No Malaria project.
- **Treatment:** Trained 3,200+ community health workers and ministry of health staff in Ethiopia, Senegal, and Zambia around community case management, case investigations, and accurate reporting. PATH is also supporting the pilot introduction of the world's first malaria vaccine, RTS,S, in Ghana, Kenya, and Malawi.

#### Surveillance

##### Technical Support and Training

- **Management Information Systems:** PATH is working with country-specific malaria programs to develop bespoke data visualization dashboards for health decision-makers optimizing visualization of vector control and surveillance data to make decision-making easier, faster, and better informed.
- **Mapping and GIS:** PATH partnered with Tableau in the Visualize no Malaria project to create interactive maps allowing the health system to rapidly respond to malaria surveillance data.

##### Operational Research

The **VivAccess** program involves APMEN Partner Institutions and Country Partners in Cambodia, Lao PDR, Myanmar, Thailand and Vietnam. In the first quarter of 2020 MMV and PATH are working with Country Partners to include the new *P. vivax* radical cure tools in National Strategic Plans, Global Fund concept notes and in other financing areas.

PATH supports National Malaria Control Programs to understand the feasibility of the new tools, strengthen their pharmacovigilance and training, supportive supervision systems and revise supply chains tools to include new tools.

PATH's G6PD Operations Research Community of Practice (GORCoP) also plays an important role in sharing expertise and coordinating research efforts on G6PD diagnostics. Results and findings will continue to be shared through APMEN forums.