PHC Tech Challenge

A platform that brings together promising MedTech and digital health innovations for challenges in primary healthcare

About the programme

PATH India with partners is embarking on a global search for innovators and entrepreneurs in the healthcare sector with our newly launched 'PHC Tech Challenge'. We aim to contribute to the success of comprehensive primary health care (CPHC) program by bringing together all the relevant stakeholders to advance efforts towards improving quality, access, and affordability of primary healthcare and introducing transformative solutions/innovations that could be demonstrated and scaled.

The objective of the challenge is to provide a platform that brings together promising MedTech and digital health innovations from all across the globe to key stakeholders (government, health agencies, donors, development partners, private sector companies and providers, etc.).

Multi-pronged strategies are needed to support PHC planning, management, and quality improvement, and these should encompass primary healthcare workforce, governance, system of procurement, supply of health technologies and medicines along with well-functioning health information systems.

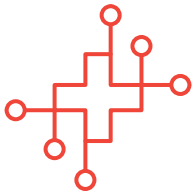
Our vision through this challenge is to accelerate deployment of near-ready solutions in public health settings to improve access to primary health care in India and similar low- and middle-income countries.

Focus areas

Innovative MedTech solutions in screening, diagnosis, treatment, monitoring, and management of physical, mental, and social health aspects at primary care level.

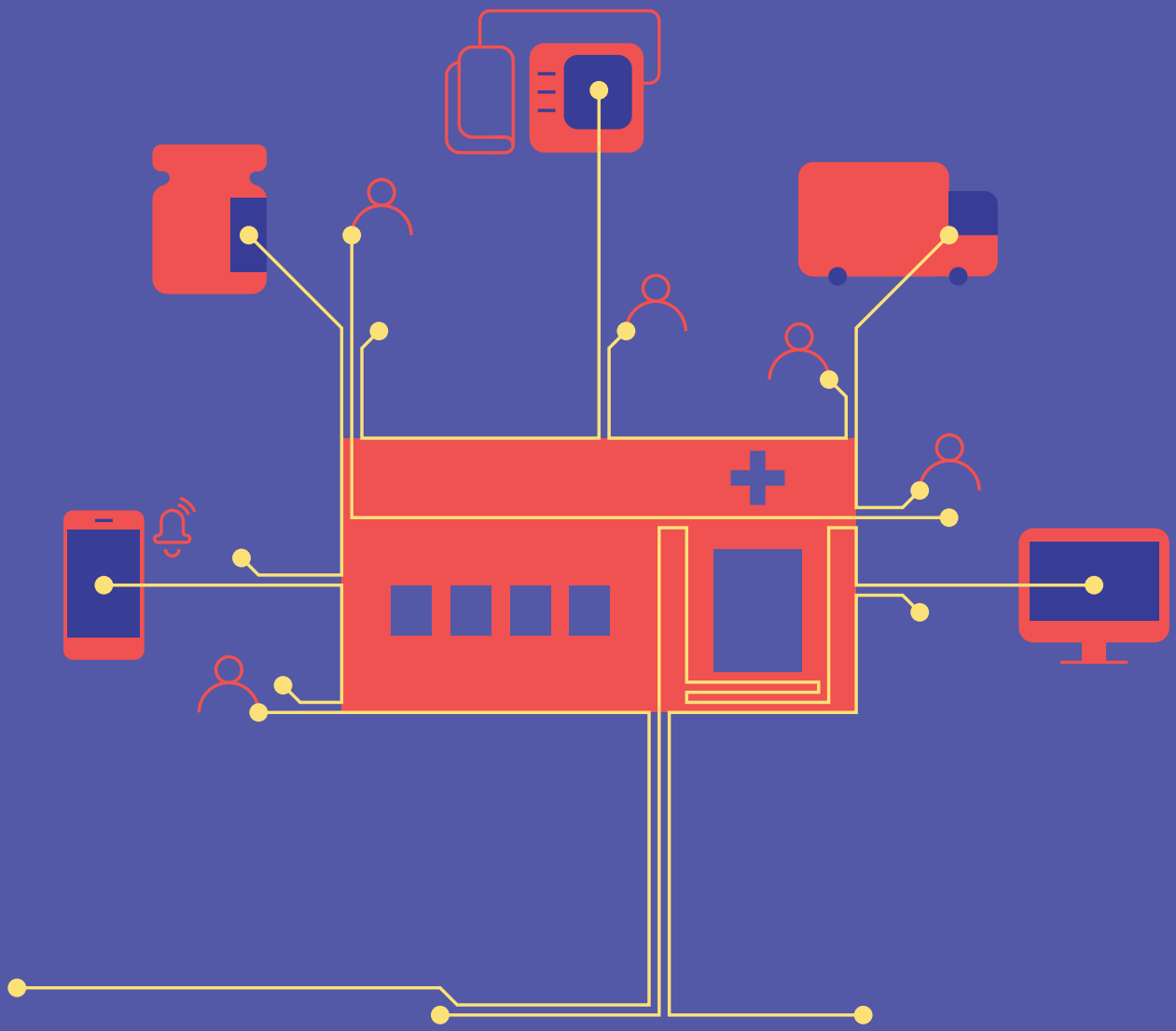
Digital health innovation including telehealth, capacity strengthening of health care providers and community engagement for increasing learning, knowledge, awareness, behavior change and participation.

Cold chain system strengthening innovations in temperature- controlled packaging, remote temperature monitoring (during storage and transportation), real time data monitoring (temperature, data reporting) at the last mile for Vaccines/ Immunization and other pharmaceuticals.



Any other technology that improves overall operationalization of PHCs either by bridging a required skill gap or by reducing cost.

Programme offerings



Showcasing of the selected innovations to key stakeholders (government, health agencies, donors, development partners, etc.) in the PHC space within our global and local network.

Opportunity to access PATH and program partner's support for implementation on the field.

Expert advisory to selected innovations in refining their operational plan, navigating regulatory landscape, understanding national and global market dynamics.

Who can apply

The program is for **enterprises (Indian or global)** and not for individual innovators.

Innovations in medical devices, in vitro diagnostics, digital health, supply chain and cold chain that address at least **one of the program focus areas.**

Products should have reached **TRL-8 or beyond** (where TRL defines the Technology Readiness Level. TRL 8 describes that the technology is proven, developed and validated in clinical/community settings, and TRL 9 describes that the technology has been applied in its final form and is operational with requisite regulatory approvals.)

Processes and Timeline

Call for applications
The applicant will be required to submit an online* application following registration. Only the applications submitted online will be accepted for further evaluation. No e-mail or hard copy application will be entertained.

Application Deadline
Window for submission of application closes (midnight of April 22, 2021 (IST)).

Preliminary Screening
All applications will be screened for eligibility checks and appropriateness for further evaluation of the application.

*Visit **https://www.path.org/phctechchallenge** for program details and the link to register and submit application.

2nd
Week of June
2021

Short-listing of Finalists
Communication to short-listed applicants for in-person presentation.

4th
Week of June
2021

Final Presentation
Shortlisted applicants to conduct their final presentation and pitch to an expert panel.

1st
Week of July
2021

Announcement of Selected Innovations
List of selected innovations will be announced.

Partners

सत्यमेव जयते
Office of Principal Scientific Adviser
to the Government of India

Office of Principal Scientific Adviser to the Government of India provides pragmatic and objective advice to the Prime Minister and cabinet on matters related to science, technology and innovation with a focus on application of science and technology in critical infrastructure, economic and social sectors in partnership with Government departments, institutions and industry.

SOCIAL alpha

Social Alpha architecture is built around a not-for-profit platform, Foundation for Innovation and Social Entrepreneurship (FISE) and operates through a nationwide network of technology and business incubation infrastructure, sponsored, and enabled by Tata Trusts, Government of India and a number of academic, philanthropic, and corporate partnerships.

C-CAMP

Centre for Cellular and Molecular Platforms

Centre for Cellular and Molecular Platforms (C-CAMP) is an initiative of the Department of Biotechnology, Govt. of India. Established in 2009 with a mandate to enable cutting edge Life Sciences Research and Innovation, C-CAMP is India's one of the most exciting life sciences innovation hub bringing together academia, industry and the start-up ecosystem - all on one platform.

Swasth is a Not-for-Profit initiative that aims to leverage India's proven clinical capabilities and demonstrated technology prowess. A consortium of like-minded, relevant, and successful professionals from the Healthcare Ecosystem – that have voluntarily come together to pool in their time, intellect, IP, and financial resources to help India leapfrog and provide quality healthcare using best in class digital technologies.

STANFORD
CENTER FOR INNOVATION IN
GLOBAL
HEALTH

The Stanford Center for Innovation in Global Health strives to enable collaborative programs in global health for residents, medical students, graduate students, post-doctoral fellows, and undergraduates by reaching across geographic, cultural, economic, and gender boundaries to inspire a new generation to work for social change, justice, and increased equity in global health outcomes.

STANFORD BYERS CENTER FOR BIODESIGN

Stanford Byers Centre for Biodesign bring the world's most promising minds into their circle to investigate, inspire, and innovate a healthier world for all. Stanford Biodesign is educating and empowering health technology innovators, and leading the transition to a value-driven innovation ecosystem.

ACT is a social change movement for the startup ecosystem in India, enabling changemakers to give their time, talent and resource to mobilize solutions that address societal problems at scale. ACT started as a response to fight COVID-19 and has now expanded its mandate to cover healthcare, education, environment, and women's participation in workforce.

PATH

PATH is an international, non-profit global health organization headquartered in Seattle, with 1,600 employees in more than 70+ offices around the world. PATH focuses on five platforms—vaccines, drugs, diagnostics, devices, and system and service innovations—to develop innovations and implement solutions that save lives and improve health, especially among women and girls.

To register, follow https://www.path.org/phctechchallenge
For any queries, write to us at phctech@path.org