



County Innovation
Challenge Fund
Transforming Maternal & Newborn Health

villgro
kenya



**BUILDING A ROBUST
ECOSYSTEM FOR
HEALTH INNOVATIONS**



#Innovate4Health

HEALTH INNOVATION LEARNING LAB | NAIROBI INNOVATION WEEK 2019
11.06.19 VILLA ROSA KEMPINSKI

Why the health innovation learning lab?

There is consensus across the global health community that embracing innovations is a crucial part of the ambitious plan to achieve Universal Health Coverage (UHC) by 2030, as envisaged in the Sustainable Development Goals. By creating better tools, products and approaches – and constantly refining existing ones – we can make faster and more efficient progress to better health outcomes. However, many promising innovations fail to move beyond their pilot stages and never achieve impact at scale.

The opportunity

Kenya is globally renowned as a hub for innovation and the country's healthcare landscape is dotted with many innovative solutions at various stages of development and scale. Existing policies are supportive and proactively advocate for innovations to catalyse faster progress. Though fragmented, there are several opportunities for financing healthcare innovations including a number of challenge funds, hackathons, innovation incubation and accelerator funds, as well as impact investors. While the fundamental architecture and drivers of healthcare innovation do exist in Kenya, there are ecosystem challenges that inhibit the seamless movement of promising solutions along the continuum from ideation to sustainable scale. The existence of a vibrant network of actors in the innovation ecosystem provides an excellent opportunity to learn, adapt and improve by drawing on this collective experience.

“To get to UHC, we need innovation in every part of the health system - from the way health workers are trained to the way services are delivered and financed”

**– Dr Tedros A. Ghebreyesus,
Director General, WHO.**



Health Innovation Learning Lab

Options Consultancy Services, KPMG and Villgro Kenya have convened the Health Innovation Learning Lab event, with the following key objectives:

- 1) Explore the perspectives of diverse actors in the innovation ecosystem on how to better support promising innovations across the scaling pathway in order to reap their full potential to bolster Kenya's quest for UHC.**
- 2) Examine the existing financing models for innovations, identify gaps and challenges and recommend actions for restructuring funding and attracting new streams of investments across the scaling pathway.**
- 3) Provide a platform for networking and mutual learning among actors in the innovation ecosystem including innovators, funders, investors, policy makers, researchers and academia.**

The conceptual design, format and content of the Health Innovation Learning Lab will allow participants to walk through the intricate innovation growth pathway from ideation to sustainable scale. Through engaging key note speakers, expert panels and group work sessions, participants will isolate the drivers, enablers and best practices for effective scaling of innovations. As well, the discussions will highlight the common challenges and pitfalls that stifle advancement of innovations thus leading to the 'valley of death'.



8.30 am - 9.00 am Welcome and Registration by MC Dr. Damaris Matoke-Muhia

9.00 am - 9.25 am Opening Remarks

Milka Choge - Health Advisor, DFID

Dr Charles M. Nzioka - Ag Director, Directorate of Research, Monitoring & Evaluation, Ministry of Health

Kenya's health innovation ecosystem

CONVERSATION 1
9.30 AM - 11.00 AM

- What is the current state of play?
- Exploring drivers, enablers and best practices for effective scaling of innovations in the Kenyan health sector
- Identifying common challenges and pitfalls that constrain growth across the scaling pathway

TEA BREAK @ 11.00 am

Learning from what has worked

CONVERSATION 2
11.30 AM - 1.00 PM

- Reflecting on the continuum from ideation to sustainable scale
- Lessons on how to design health innovations with a vision of scale
- Insights from case studies of scaled innovations: how did these innovations break the barriers and progress from ideas/concepts to solutions at scale?

LUNCH BREAK @ 1.00 pm

VIDEO & TED TALK
2.00 PM - 2.15 PM

Deploying drone technology in health sector: lessons and visioning the future

CONVERSATION 3
2.15 PM - 3.30 PM

Good practices for funders

- What financing instruments and business models work for innovations at various stages in the pathway from ideation to scalable impact?
- The role of challenges funds – what are they for, what makes them work, what are the pitfalls to avoid?
- Innovative partnerships for financing: the role of multilaterals institutions in forging such partnerships
- How can we create a shared vision between innovators and funders / investors?
- Fiduciary control vs adaptable programming: balancing flexibility and risk mitigations

TEA BREAK @ 3.30 pm

CONVERSATION 4
4.00 PM - 5.30 PM

Pathways for scaling and sustaining health innovations

- Determining the “best fit” scaling model
- Public sector pathways (Government as a purchaser of innovations)
- Commercial pathways (through the private sector)
- Leveraging public-private partnerships & technology
- Supporting the scaling process: Lessons from incubators and accelerators
- Issues of intellectual property (IP) rights

5.30 pm - 5.45 pm

Wrap up with a recap of key highlights by **MC Dr. Damaris Matoke-Muhia**

5.45 pm - 6.00 pm

Closing Remarks by **Khatra Ali, Council of Governors**

6.00 pm - 9.00 pm

Evening Cocktail & Networking Event



Key note speaker:

*Dr Patricia Odero, Regional Director (Africa) for Duke Global Health Innovation Center (GHIC) and Innovations in Healthcare
Dr Richard Ayah, Director Science & Technology Park, UoN*

Panellists: *Dr Patricia Odero- GHIC , Dr Richard Ayah- UoN, Dr Robert Karanja – CEO & Co-founder Villgro, Dr Sam Gwer - Team Leader Afya Research Africa, Dr Moses Alobo -Manager Grand Challenges Africa AAS*

Session moderator: *Timothy Abuya, Population Council and Kimani Karuga, Options*

Panellists: *Caroline Mbindyo, Living Goods, Brenda Achieng, KMET, Millicent Olulo, PharmAccess, Mohammed Haret, Garissa County, Eric Angula, Medtronic*

Session moderators: *Nicole Fulton, Options and Antony Okoth, PATH*

Yaniv Gelnik, Zipline

Key note speakers:

Dr Njeri Mwaura Gitau, World Bank

Panellists: *Wilmot Allen, Founder & CEO, Venturelift Africa, Edward Mungai, CEO, Kenya Climate Innovation Centre, Paul Nyachae, JHPIEGO*

Session moderator: *Wambui Chege, KPMG*

TED talk: Dr Steve Adudans, Centre for Public Health and Development

Panellists: *Dr Andrew Mulwa, COG & Makueni County, Dr Salome M. Guchu, Kenya National Innovation Agency (KENIA), Dr Kenneth Chelule, Kenya Industrial Research and Development (KIRD), Dr Edwin Mbugua Maina, Concern Worldwide (The Maker project) , Dr Beatrice Murage, Philips Africa Innovation and Research Hub*

Session moderator: *Dr Robert Karanja, Villgro Kenya and Linda Kagasi, Options*

Meet the speakers @ the Health Innovation Learning Lab



Dr. Patricia Odera
Regional Director (Africa)
Duke Global Health
Innovation Center
and Innovations in Healthcare



Dr. Richard Ayah
Director, Science &
Technology Park
University of Nairobi



Dr. Sam Gwer
Co-founder & Executive
Director
Afya Research Africa &
Ubuntu Health Limited



Mrs. Fatuma Iman
County Reproductive Health
Coordinator
Garissa County



Dr. Beatrice Murage
Senior Scientist Health
Informatics
Philips Africa Innovation &
Research Hub



Dr. Kenneth Chelule
Chief Research Scientist
Kenya Industrial Research
& Development Institute



Ms. Brenda Otieno
Monitoring, Evaluation,
Research & Learning
Specialist
KMET



Dr. Edwin Mbugua
Coordinator, Health &
Nutrition
The Maker project
Concern Worldwide



Eric Angula
Head of Strategy, Partner-
ships & Government Relations
Medtronic Labs



Wilmot Allen
Founder
VentureLift Africa



Paul Nyachae
East Africa Lead
The Challenge Initiative
(TCI)
JHPIEGO



Dr. Njeri Mwaura Gitau
Senior Health Specialist
World Bank

Meet the speakers @ the Health Innovation Learning Lab



Dr. Robert Karanja
CEO & Co-founder
Villgro Kenya



Dr. Moses Alob
Manager Grand Challenges
Africa
African Academy of Sciences



Dr. Andrew Mulwa
CEC Health Services
Makueni county
National Chair of CECs Health
Forum



Mohammed Haret
County Director of Health
Garissa County



Millicent Olulo
Regional Director for
Advocacy & Partnership
PharmAccess Foundation



Dr. Steve A. Adudans,
Executive Director/CEO
CPHD
Mediquip Global & Hewatele



Dr. Salome Guchu
Ag CEO
Kenya National Innovation
Agency



Caroline S Mbindyo
Director Digital Health
Partnerships & Innovation
Living Goods



Edward Mungai
CEO
Kenya Climate Innovation
Center

About the organisers

County Innovation Challenge Fund

The CICF operates as one part of the Reducing Maternal and Neonatal Death in Kenya (2013 – 2018) programme by UK's Department for International Development (DFID). The CICF supports the Government of Kenya's efforts to reduce maternal and neonatal mortality by facilitating the design and delivery of innovative interventions, products, processes, services, technologies and ideas.

Since 2015, the CICF has invested in innovative ideas to improve maternal and newborn survival in Kenya. The fund has unlocked bottlenecks, catalyzed change, and accelerated Kenya's progress towards better health outcomes for poor women and their families.

The CICF is implemented across six counties with different socio-demographic contexts: peri-urban informal settlements in Nairobi; nomadic pastoralist communities in Garissa and Turkana; and rural agrarian populations in Kakamega, Bungoma and Homa Bay. The targeted beneficiaries of the CICF in these communities are newborns, women of reproductive age (particularly poor rural women and adolescent girls), community units, health facilities, and county and sub-county health management teams.

Villgro Kenya

Villgro Kenya is a Kenyan based business Incubator and seed investment platform working with social entrepreneurs across East Africa to catalyze solutions in health systems that target low income population. Our mission is to solve Africa's toughest health challenges. Since 2015 we have addressed the lack of access to quality and affordable healthcare for low income communities in Africa by investing and offering technical assistance to inventors & early enterprises developing innovative solutions for low resource markets.

The business models of the companies we support target low resource settings that generate demand for high volume low margins for healthcare products and services. We provide our portfolio companies with access to ecosystem stakeholders, networks, multidisciplinary expertise, financial advisory, regulatory & IP assistance. Our multidisciplinary team also provides advisory services to companies looking for high touch assistance with business development, market entry and program implementation. Our aim is to create an ecosystem with opportunities, investments and professional advisory support so that the brightest entrepreneurs & innovators remain and contribute to the African society.

Organising Committee:

Nicole Fulton Sijeny, Leah Kibe, Dr. Robert Karanja, Kimani Karuga, Linda Kagasi, Judith Njumwah
Kenneth Nyange, Ordia Akello, Elizabeth Wambugu, Maurine Awuor, Elsie Kariuki
Meshack Acholla, Justin Miatu, Joseph Ondiek, Priscilla Maina

Supported by:



County Innovation Challenge Fund is implemented by:



MARIE STOPES
INTERNATIONAL



Options

