



Accelerating Digital Transformation in Africa: the digital revolution for Universal Health Coverage

ITU-T Study Group 20 Regional Group for Africa

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Terre des hommes is the leading Swiss agency for children's aid

- Founded in **1960** by Edmond Kaiser
- **2,500 staff** in **35 countries** in Latin-America, Asia, Africa and Europe
- **\$100 million** annual budget
- Supporting **>4.8 million children & their families** every year
- Three main **areas of focus**
 - Child Health
 - Migration
 - Access to Justice



Supporting the Burkinabé government since 2010 to ensure access to quality health care in rural areas via digital health

- In **2010** Tdh and the MoH **co-created a digital job-aid** for the IMCI protocol ([leDA](#))
- The digital job aid walks the health care worker through the protocol, ensuring **adherence**
- By introducing signs, symptoms, and test results, the tool provides a **diagnosis** and **treatment** options
- Other components (coaching, e-learning and data visualization) contribute to strengthening PHC services



Over the past 10 years, leDA has scaled up in Burkina Faso



1,755 primary health centers (84% of PHCs in Burkina Faso)



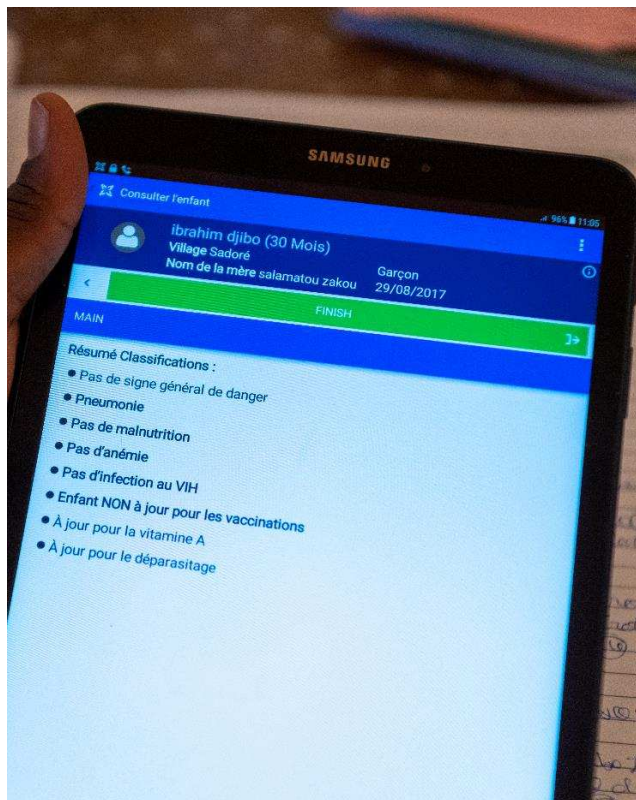
250k+ consultations/month (since the 1st deployment, **10M** consultations to **4.8M** children)



Working with the **government** to transfer the **management of the tool** in 2021



Research has proven that leDA significantly contributes to quality health care in Burkina Faso



- An evaluation by the LSHTM and Centre Muraz showed an **improvement in diagnosis and treatment**, with up to 15% reduction of antibiotics over-prescription
- Up to **\$1.6M annual savings** in recurrent costs when at scale

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



Centre
MURAZ
Recherche - Formation - Expertise



Building from leDA experience

- > 10 M clinical consultations
- 11 years of experience and 12 different versions
- Deployed in Mali, Niger and India
 - ongoing discussions in Mauritania and Guinea
- Partnership with Action against hunger (*Action contre la faim*) & World Vision to expand the coverage of health services and geographical footprint



If you want to go fast, go alone. If you want to go far, go together

Logos for operational partners:

- alive&thrive (nourish. nurture. grow.)
- dimagi
- ACTION CONTRE LA FAIM
- Logo of the Government of Rwanda
- FIND (Because diagnosis matters)
- MATERNITY foundation
- World Vision
- Inserm
- Enfants du Monde
- Bluesquare
- Solthis (Therapeutic Solidarity and Initiatives for Health)
- Living Goods
- ALIMA (The Alliance for International Medical Assistance)

OPERATIONS

Logos for research partners:

- LONDON SCHOOL of HYGIENE & TROPICAL MEDICINE
- Swiss TPH
- World Health Organization
- HUG
- CHUV
- UNIVERSITÉ DE GENÈVE
- EPFL
- JOHNS HOPKINS UNIVERSITY

RESEARCH

Logos for main sponsors:

- giz
- Humanitarian Aid (European Union)
- CLOUDERA Foundation
- Schweizerische Eidgenossenschaft / Confédération suisse / Confederazione Svizzera / Confederaziun svizra
- ITU
- The Global Fund (To Fight AIDS, Tuberculosis and Malaria)
- Unitaid
- BILL & MELINDA GATES foundation
- + a b l e a u SOFTWARE
- EUROPEAID (European Union)
- USAID (FROM THE AMERICAN PEOPLE)

MAIN SPONSORS

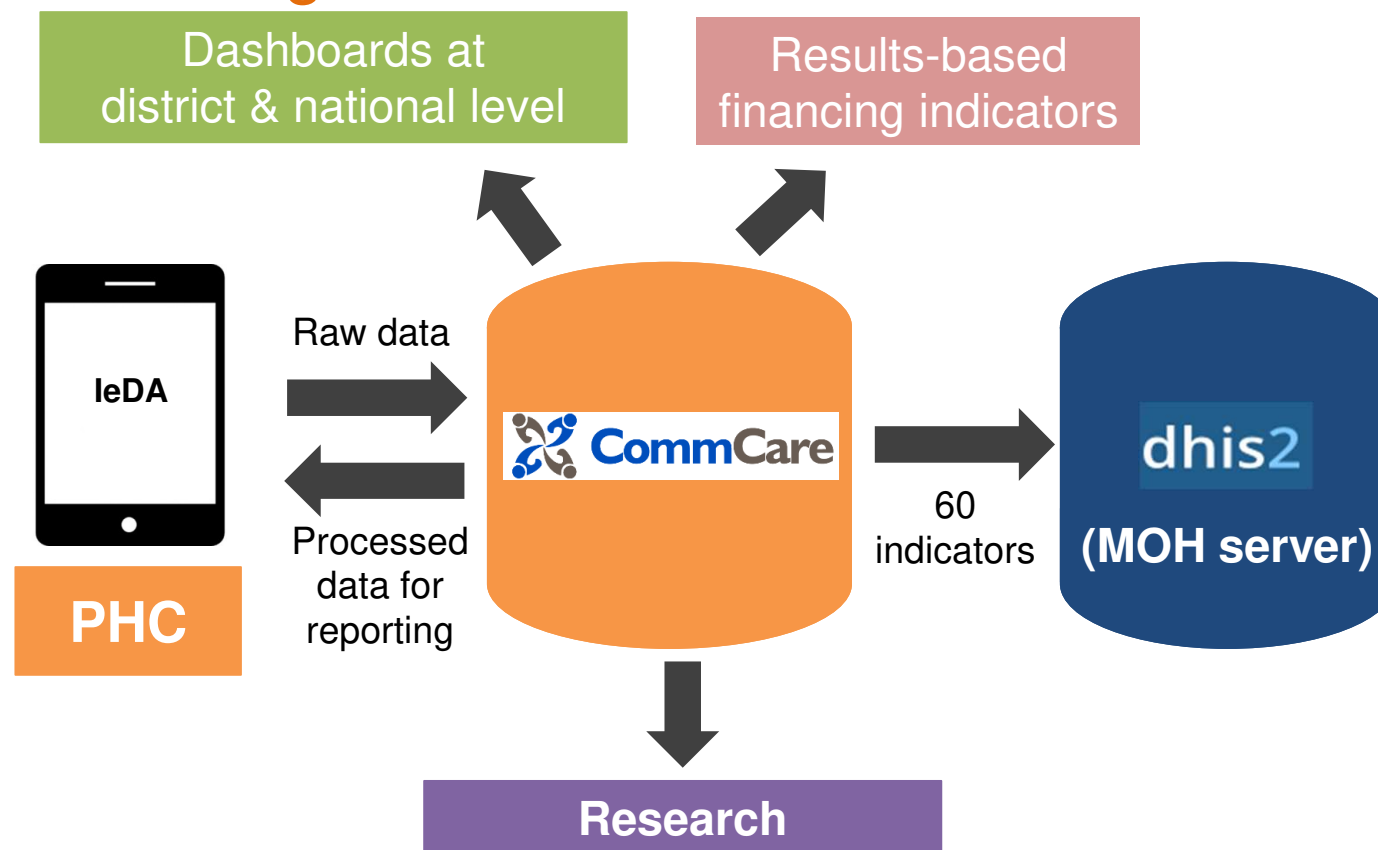


THANK YOU



For more information, please contact Riccardo Lampariello, Head of Health, RLA@tdh.ch

The data flow is integrated into the national HMIS and already used of PHC management



Supporting the continuous care across life stages through digital health

