

# Digital Innovation in Pandemic Control (DIPC)

Digital Innovation in Pandemic Control (DIPC) is a global project implemented by GIZ in collaboration with Digital Square, Unicef, Pan American Health Organization (PAHO), World Food Program, Robert Koch Institute and Regenstrief Institute and funded by the German Federal Ministry for Economic Cooperation and Development (BMZ). The project aims to harness human-centred digital transformation to mitigate global health crises.

DIPC believes that demand-driven introduction, expansion, and integration of digital solutions is an integral component of resilient health systems. The focus of DIPC is to strengthen pandemic prevention, response and the distribution of vaccines at national and global levels. This in turn reduces the occurrence, spread and consequences of existing and emerging infectious diseases, such as COVID-19. In short, DIPC's goal is to harness technology to make pandemic prevention more effective, equitable and efficient.

## DIPC PHASE I (2019 - 2022)

DIPC Phase I strengthens digital health systems in three interconnected workpackages.

- **WP A:** The Digital Pandemic Preparedness Assessment (DPPA) – captures and explores existing digital applications in 5 countries (Ghana, Nigeria, Togo, Sierra Leone, Ivory Coast) that can be used for vaccine distribution and pandemic control.
- **WP B:** DIPC, together with the World Food Programme, launched the Digital Health Innovation Accelerator which has provided financial, technical, and methodological support for further development of promising digital solutions. Ventures that develop and strengthen digital solutions in the context of pandemic prevention and response are supported in coordination with the respective government partners until the end of 2023.
- **WP C:** Established a multilateral Digital Health Center of Excellence (DICE), led by WHO and UNICEF. DICE provided targeted advice on the use of digital solutions in the global south.

Project	Digital Innovation in Pandemic Control
Funded through	Federal Ministry for Economic Cooperation and Development (BMZ) of Germany.
Country	Global
Total Duration	2019 to 2024

## DIPC PHASE II (2023 - 2024)

DIPC Phase II currently implements the following work packages:

- **WP 1:** Together with national governments, works to strengthen digital health systems for vaccine logistics and pandemic prevention and response in Ghana, Sierra Leone, Tanzania, Malawi and Peru and its andean amazonian borders through the integration and scale of digital solutions and the adaptation of the WHO SMART guidelines.
- **WP 2:** Combines mature software into interoperable product suites, which meet the specifications of the WHO SMART guidelines for routine vaccination and create a seamless end to end functionality and data flow.
- **WP 3:** Strengthens capacity of digital health specialists responsible for developing, maintaining, and customizing digital health systems in partner countries through an online training course hosted on atingi.
- **WP 4:** Conducts operational and strategic research for program evaluation and strategic program planning.

The different workpackages in their various phases are interconnected through the DIPC hub, which ensures coordination and knowledge sharing with other partners in digital health.

## DIPC IMPLEMENTING PARTNERS BRING THEIR KEY EXPERTISE TO THE DIFFERENT WORKPACKAGES

### Phase I:

#### WP A

DPPA  
(Digital Pandemic  
Preparedness  
Assessment)



#### WP B

Accelerator



#### WP C

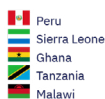
Country  
Advice



### Phase II:

#### WP1

Country  
Activities



#### WP 2

Global  
Product  
Suite



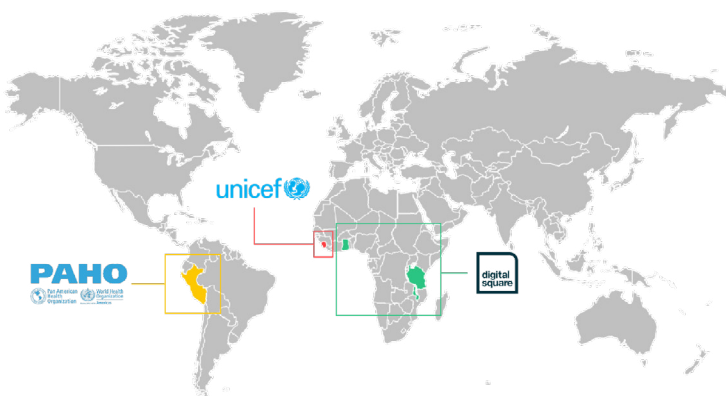
#### WP 3

Training



#### WP 4

Research



## DIPC COLLABORATES WITH OTHER GIZ PROJECTS:

### Globally:

- Atingi
- Data 4 Policy

### Locally:

- Improving Health Care Provision (IHCPT) in Tanzania
- Health System Strengthening and Epidemic Prevention (HSSEP) in Sierra Leone
- Health systems strengthening with focus on reproductive health: Malawi Germany Health Program (MGHP)
- Support to Private and Financial Sector in Ghana (Support to Vaccine Manufacturing in Ghana).

### DIPC takes part actively in:

- WHO SMART Guideline Working Group
- Global Capacity Strengthening Working Group

DIPC is committed to feminist development cooperation in its workpackages - in collaboration with its partners and wider Digital Health ecosystem

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Our pages at [www.bmz-digital.global/en/overview-of-initiatives/digital-innovation-in-pandemic-control-dipc/](http://www.bmz-digital.global/en/overview-of-initiatives/digital-innovation-in-pandemic-control-dipc/)

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