



EFFO-CoE

Efficiency by Edification – Center of Excellence

Context

High-consequence infectious diseases (HCIDs), such as Ebola and Marburg virus disease, are on the rise. Rwanda's neighbouring countries, Democratic Republic of the Congo, Uganda, and Tanzania are facing recurrent HCID outbreaks, which pose a significant health threat to Rwanda. The country currently lacks high-level isolation facilities. HCID epidemics often spread in nosocomial settings, putting health care workers at high risk. The impact of HCIDs can be catastrophic at an individual level (often requiring intensive care, high case fatality rate, long-term sequelae, etc.), at the hospital level (health care worker infections, leading to staff absenteeism and damage to the reputation of health care facilities) and at the public health level (epidemics with a direct negative public health impact and indirect effects, e.g. poor health seeking behaviour for other diseases). EFFO-CoE aims to strengthen HCID emergency preparedness in Rwanda by (a) constructing a high-level isolation unit (HLIU) with 10 single patient rooms complying with intensive care unit standards and (b) establishing a HCID-related training programme for different target groups, including general staff and future HLIU staff in particular. Project partners in Rwanda and Germany have key expertise in the clinical and infection prevention and control (IPC) pillars of HCID outbreak management, construction, and training.

Objective

Constructing a HLIU in Kigali (Rwanda) and establishing a HCID-related training programme.

Key facts

Duration

15 November 2021 to 14 November 2024

Budget

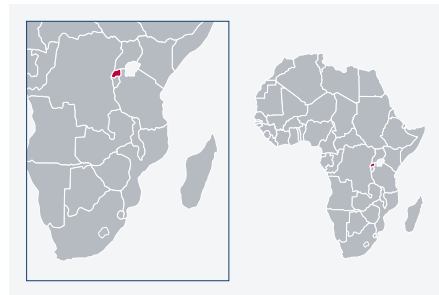
~ EUR 5 million

Partner countries

Rwanda

Region

Eastern Africa

**Implemented by**

Robert Koch Institute (RKI)

Commissioning party

German Federal Ministry of Health
(BMG)

Thematic focus

Infection prevention and control

Clinical management

Activities



TRAINING AND COMPETENCE DEVELOPMENT

Training health care workers in clinical management and IPC for HCIDs, the target groups being (a) future HLIU staff and (b) EFFE trainers, that is, multipliers who train health care workers in primary and secondary health care facilities; establishing a blended e-learning approach with virtual and in-person modules



STAFF DEPLOYMENT AND EXCHANGE

Implementing a bilateral internship programme with the participation of clinicians from Rwanda and Germany (STAKOB HLIU in Berlin) for mutual knowledge exchange and on-site training



NETWORKING AND COOPERATION

Embracing a cross-sectoral approach (construction, training, IPC and clinical management) and cooperating and networking with partners from different backgrounds, with experts from international governmental and non-governmental organisations (WHO International, WHO AFRO, MSF, ALIMA, etc.) acting as project advisors



PROCUREMENT OF GOODS AND INFRASTRUCTURE DEVELOPMENT

Constructing a HLIU to contribute to infrastructure development in Rwanda; cooperating with local construction contractors and using local construction materials

In cooperation with

- Rwanda Biomedical Center (RBC), Rwanda
- Technische Universität Braunschweig, Germany
- Charité – Universitätsmedizin Berlin, Germany
- Medmissio – Institute for Global Health, Würzburg, Germany

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GHPP, the Global Health Protection Programme of the German Federal Ministry of Health, promotes networking, exchange and cooperation between specialized German and international public health actors. By reducing health risks and strengthening health systems at the national, regional and international level, in particular relating to pandemic and epidemic preparedness and response, the GHPP fosters public health protection – worldwide.

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