



TEMACC – TECHNOLOGY ENABLED MATERNAL AND CHILD HEALTHCARE IN ETHIOPIA



<https://www.temacc.net> (coming soon)
<https://appear.at/en/projects/current-projects/project-websites/project146-temacc/>

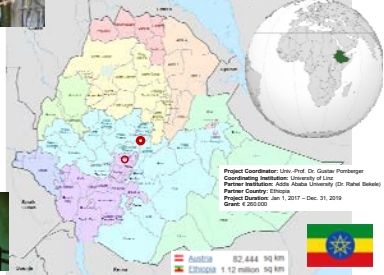
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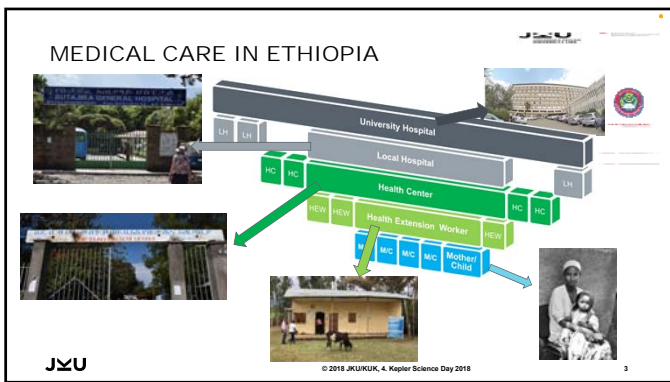
WITH FUNDING FROM AUSTRIAN DEVELOPMENT COOPERATION

ETHIOPIA




- Children**
 - Infant mortality 48‰
 - Under five mortality 67‰
 - Children vaccination 35%
- Mothers**
 - Women receiving ANC 62‰
 - Births in health facilities 26%
 - Maternal mortality 273-551/100,000 (4‰)

Ethiopia Demographic and Health Survey 2016
 JHU – International City College
 © 2018 JKU/KUK, 4. Kepler Science Day 2018



ICT-BASED SERVICE PLATFORM



- Mothers system**
 - Receive public health related info without long distance travel
- HEWs system**
 - Receive health education online or on mobile devices
 - Interact with specialists elsewhere without leaving hometown or locality
- Professionals system**
 - Collaboration and consultation among healthcare professionals
 - Virtual professional communities


HEW = health extension worker

TEMACC SOFTWARE



The screenshot shows a web-based interface for managing health data, with a sidebar menu and a main content area. Below the screenshot are images of mobile phones displaying the app interface.

INTERVENTION STUDY



- Preparation**
 - Experimental district
 - 250 mothers, 50-70 health workers
 - Control district
 - 1000 mothers
 - Training
 - HEWs, mothers, data collectors
 - Pilot testing
 - Device distribution
- Intervention**
 - Base line data collection
 - 9-12 months intervention
 - End line data collection