



Energy-Self-Sufficiency for Health Facilities in Ghana

EnerSheIF

Closing Symposium

Draft Agenda

Tuesday, 14 February 2023 (Virtual event)

TIME	AGENDA
10:00 – 10:30	Welcome and Introduction <i>Prof. Kennedy Alatinga (SDD UBIDS), Prof. Katja Bender (H-BRS), Prof. Stefanie Meilinger (H-BRS)</i>
10:30-10:50	Modelling Tool for system optimization
	Tools to Optimize PV-Hybrid-Systems <i>Prof. Stefanie Meilinger (H-BRS), Samer Charaaoui (H-BRS), with input from TH Köln</i>
10:50-11:10	Improving Climatological and Met-Data
	Global Horizontal Irradiance in Ghana: Assessment and Forecasting <i>Dr. Jan Bliefernicht (Uni-A), Dr. Windmanadga Sawadogo (Uni-A), Prof. Harald Kunstmann (Uni-A), with input from WASCAL</i>
11:10-11:30	Measurement Results and Load Models
	Load models and demand response potential for Ghanaian Hospitals <i>Paul Bohn (TH Köln), Prof. Thorsten Schneiders (TH Köln), with input from H-BRS and KNUST</i>
11:30-11:50	Requirements for product improvement
	Current State of The Power Container in Kologo <i>Edward Dodzi Amekah (KNUST)</i>
11:50-12:45	Lunch (Break)
12:45-13:15	Development of an integration strategy of PV into the local energy system
	Increasing electricity access for health facilities in Ghana through solar mini-grids – a GIS-based energy system modelling approach <i>Andrés Andrade (RLI), Dr. Catherina Cader (RLI), Katrin Lammers (RLI), Avia Linke (RLI)</i>
13:15-13:40	Political economy of sustainable energy transition in Ghana's health sector
	Factors influencing technological change: Analyzing the demand for PV systems in Ghanaian Health Facilities <i>Prof. Kennedy Alatinga (SDD UBIDS), Prof. Katja Bender (H-BRS), Ana Maria Perez Aredondo (H-BRS)</i>
13:40-14:00	Factors influencing institutional change: Exploring the political economy of sustainable energy transition in Ghana's health sector and beyond <i>Dr. Callistus Agbaam (H-BRS), Prof. Kennedy Alatinga (SDD UBIDS), Prof. Katja Bender (H-BRS)</i>
14:00-14:20	EnerSheIF – Perspectives on Interdisciplinary Collaboration
	Reality of interdisciplinary collaboration in an international research project <i>Jonas Bauhof (HBR; EADI), Prof. Katja Bender (H-BRS), Prof. Stefanie Meilinger (H-BRS)</i>
14:20-14:55	Plenary discussion
14:55-15:00	Closing