



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