

German solar exhibition in ghana

A recent article in Ghanaian Times offers an insight into the EnerSHelF closing event in Ghana. It includes remarks by Prof. Kennedy Alatinga from SD Dombo University of Business and Integrated Development Studies and Prof. Katja Bender from the University of Applied Sciences Bonn Rhein Sieg.

In the first week of March 2023, the project team met in Ghana for the closing workshop and visited the field sites. At the end of this month, the EnerSHelF project will end after four years of cutting-edge interdisciplinary research on improving and disseminating marketable PV-based energy solutions for health facilities in Ghana. The closing event was successful in disseminating the research results to relevant stakeholders.

The workshop started with presentations by the principal investigators of EnerSHelF - giving a short introduction to the project and welcoming the participants from academia, media, governmental agencies, industry, sectoral associations, health facilities, and international donors. It was followed by two parallel sessions and a moderated panel discussion with representatives of the project, the Ministry of Health, and the Ghana Health Service.

During the parallel sessions, the different work packages presented their research findings. One session aimed at technical considerations while the other targeted strategic considerations. A comprehensive report on the closing event will be published later on this website. You can also have a look at our policy briefs to learn more about project results.

The EnerSHelF Project is finalizing its research results. In this process, two policy briefs have just been published. In a condensed form, they present findings and key recommendations derived from the research for relevant stakeholders and policy makers.

In our first policy brief, our researchers grouped under work package 3 present an interdisciplinary, technical perspective on the requirements for enhancing energy supply for healthcare facilities in Ghana. The policy brief has different foci ranging from system design, meteorological considerations, and planning of photovoltaic-solar hybrid systems.

Our second policy brief provides insights into demand for and its determinants of solar systems in Ghanaian Healthcare Facilities. The key insights and recommendations are based on 200 interviews conducted with health facility managers throughout Ghana. It unveils their perspectives on the potential of solar systems for healthcare services and their clinics.

Since the project's start in 2019, the team of EnerSHelF has been working on both technical and politico-economic questions to improve and disseminate marketable PV-based energy solutions for health

facilities in Ghana. In March 2023, the project comes to an end, and we want to share our results and insights to stakeholders in the public and private sphere in our online symposium on

Each individual work package will unfold their research with input from both our Ghanaian and German partners. The results are of interest to a broad audience, including researchers, private sector organisation, public authorities as well as international donor organisations working on either the expansion of Solar PV or on enhancing health services in Ghana and beyond. The registration link will direct you to the online registration via Webex where the symposium will be hosted.

Samer Chaaoui from the University of Applied Sciences Bonn-Rhein-Sieg is analyzing load data from the field sites of the EnerSHelF project. By analyzing the data, he can identify when and where electricity is used and what indication it has for planning PV-diesel hybrid systems for health facilities. In this article, he is given an insight into the identified load profiles and what they reveal. To ensure confidentiality, the load profiles have been anonymized.

Within work package 4, Jonas Bauhof from the University of Applied Sciences Bonn-Rhein-Sieg is analysing the interdisciplinary cooperation and exchange of the different work packages involved in the project.

As a distinct feature of the EnerSHelF project, besides the disciplinary work of the technical, natural, and social sciences, we are also aiming to understand processes of cooperation between the different disciplines in such an interdisciplinary research setting. My role is to identify the areas of cooperation and possible barriers and enablers of interdisciplinary research. These "lessons-learned" can be beneficial for future projects with a similar set-up.

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