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VOCATIONAL TEACHERS FROM 9 AFRICAN COUNTRIES TRAINED AS MULTIPLIERS

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VET4Africa - Green citizen energy

German teachers at vocational colleges qualify African vocational college teachers in Wildpoldsried/Germany for a promising future.

Since 2018, the Bildungswerk der Bayerischen Wirtschaft (bbw) gGmbH in cooperation with the municipality of Wildpoldsried has been training African vocational college teachers in the development and use of renewable energy systems.

At the Ecological Education Centre in Wildpoldsried and the Don Bosco Solar Training Center, Ashaiman, Ghana, teachers learn the basics of electrical and energy technology using a modular training system (PV1) and link this knowledge to photovoltaics. Part of the training course is the construction of a PV training system in the form of a suitcase, which the participants take back to their home country at the end of the course in order to conduct their own training courses. While PV 1 teaches the basics of electrical and solar technology, PV 2 deals with project planning and construction of real energy supply systems up to the level of a village power supply.

Each course participant undertakes to instruct at least 50 trainees per year with the contents learned. The course participants are supported by German vocational college teachers as mentors, who regularly visit their African colleagues in their countries. Thus, a long-term relationship is established and the sustainable implementation of what has been learned is ensured.

Green Citizen Energy for Africa

60 % of the people in Africa have no access to electricity – 80 % of them live in rural areas. This is one of the obstacles to development on the continent. The Marshall-Plan for Africa, initiated by BMZ Minister Dr. Gerd Müller, aims, among other things, to promote green citizen energy for Africa. Especially via small networks – independent of power lines and large power plants, self-managed and sustainable – 75 % of the energy in Africa could come from mini grids in the next 10 years*.

Combining theory and practice

The training is based on a combination of theoretical knowledge and practical work, with particular emphasis on pedagogical concepts and fun with technology. The acquired knowledge is therefore not an end in itself, but is always integrated into practical examples of implementation. Thus, the training does not stop at photovoltaics, but is combined with examples of practical application such as drinking water supply or electric mobility. Through numerous measurement tasks, the participants deepen their basic knowledge and train the skills for troubleshooting and professional quality control.

Funded by GIZ (Green Citizen Energy Programme)/BMZ: June 2018 until April 2021

COMPETENCES

Further education/ HR development, Vocational education and training

SERVICES

Trainings

PROJECT START

2020

REGIONS

Europe



Project manager

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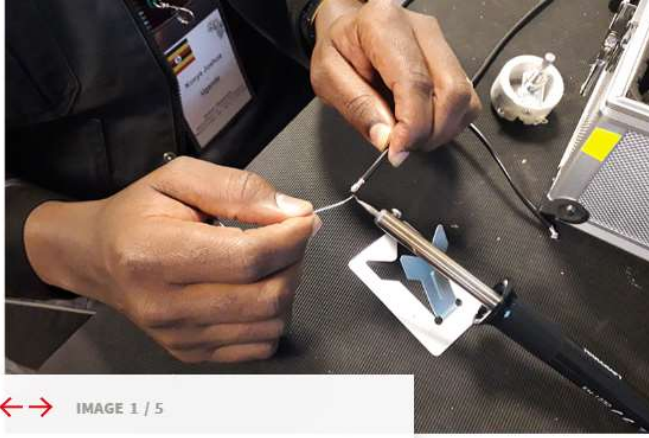
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OPERATING COMPANY





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Funding:

GIZ (Green Citizen Energy Program)