

CALL FOR ABSTRACTS



German-African Green Hydrogen Forum 2023 23rd May – 25th May 2023 Bernburg/Saale (Germany)

Introduction

Green hydrogen is seen as a cornerstone of the energy transition and decarbonization efforts of industry, transportation and the utilities sectors. The binding goal of the EU and Germany to reduce net zero carbon emissions by 2045 will substantially increase the demand for green hydrogen as an important carbon-free substitute for fossil fuels. The World Energy Council expects a total demand of 60 million tons annually (equivalent 2.000 TWh) hydrogen and its derivatives (especially ammonia and methanol) in the EU until 2050. It is estimated that the EU can produce less than half of its needed hydrogen by 2050, and will need to import the rest. African coastal countries therefore have the opportunity to become net exporters of their carbon-free regenerative energy in the form of hydrogen and its derivatives and to consequently enable economic growth and generate wealth on the African continent. The large-scale production, transport and storage of green hydrogen will require large investments in the development of knowledge and training, logistics and capital goods – for both the EU and African countries. Thus both European and (coastal) African countries are facing great challenges in the future development of the “green hydrogen economy“. It is important to discuss these challenges at an early stage and to devise purposeful strategies. This is done best in the form of a collaborative dialogue between Germany and coastal African countries. Saxony-Anhalt and the Anhalt University of Applied Sciences – are recognized within Germany and also the EU for their leading roles and long tradition with respect to regenerative energies and would therefore like to invite you to the German-African Green Hydrogen Forum (Hybrid) 23rd May- 25th May 2023 at Bernburg/Saale (Germany)

Editors:

Prof. Dr. Markus Holz
Sven Ortmann
Prof George Amoako
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The Planning Committee is therefore calling for abstracts to be submitted on the following topics:

“Financing Green Hydrogen infrastructure and equipment investments“

“Involving African local economy and society in the Green Hydrogen value chain“

“Education and training requirements for the Green Hydrogen economy“

“Efficient production of Green Hydrogen in Africa“

“Logistics of Green Hydrogen between Africa and Germany/EU“

“German – African Discussion on stage: Economic opportunities for Africa along the value chain of Green Hydrogen“)

Anhalt University of Applied Sciences in collaboration with Ghana Communication Technology University (GCTU) is interested in getting academics abstracts and subsequent papers from GCTU faculty and staff. The Conference would be hybrid (Online and In-person)

Interested persons to present in-person should make sure their abstract (200 words) and their profiles are ready by **15th March 2023**.

Participants who will be attending the in-person during the Conference would take part in visits to installations for the production, use and logistics of green hydrogen in Southern Saxony-Anhalt on the 25th May. Number of participants is limited we therefore urge you to register free as soon as practicable.

Please note:

Interested in-person participants would be required pay for their own air- fare. However, accommodation and food (Breakfast, Lunch and Supper) would be free.

Important Deadlines:

Abstract Submission Deadline: March 15, 2023

Full paper Due: 30 April, 2023

Submission Date: 30 April, 2023

Please send your intended title with abstract and profile by 15th March 2023 to gamoakohene@gctu.edu.gh if you are interested in participating.