

 Delegation der Deutschen Wirtschaft
in Ghana
Delegation of German Industry and
Commerce in Ghana

 **WACEE**
West African Clean Energy & Environment
EXHIBITION & CONFERENCE



3rd West African Clean Energy & Environment
Exhibition and Conference

**No waste to waste:
Productive use of biomass**

12th February 2015
Accra International Conference Centre, Ghana

   Minister for Federal Affairs,
Europe and the Media of
North Rhine-Westphalia  





Minister for Federal Affairs,
Europe and the Media of
North Rhine-Westphalia

Partners

<p>Kwame Nkrumah University of Science and Technology (KNUST)</p> <p>University of Cape Coast</p> <p>University of Ghana</p>	<p>Westphalian University of Applied Sciences Gelsenkirchen</p> <p>TU Dortmund</p> <p>Bonn Rhein-Sieg University of Applied Sciences</p> <p>RWTH Aachen</p>
<p>Ministry of Environment, Science, Technology and Innovation</p> <p>Environmental Protection Agency</p>	<p>Ministry for Climate Protection, Environment, Agriculture, Nature Conservation and Consumer Protection of the German State of North Rhine-Westphalia</p> <p>Energy Agency North Rhine- Westphalia</p>

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North Rhine-Westphalia



**Partnership Project for
Climate and Resource Protection**



**Training Programme
"Resource Recovery –
Made in NRW"**



Resource Recovery - Made in NRW
International exposure programme in Germany 2014
for Ghana and Kenya

giz | giz - German Office for International Cooperation

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**Meeting the challenges:
Ghana's national biomass
strategy**

Mrs. Gifty Tetty
Ministry of Power

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**Development of the
biomass strategy for North
Rhine-Westphalia**


Mr. Markus Fuchs
Ministry for Climate Protection,
Environment, Agriculture, Nature
Conservation and Consumer Protection
of the German State of North Rhine-
Westphalia

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Options for energetic and material use of biomass


Prof. Ralf Holzhauer
Westphalian University of Applied Sciences Gelsenkirchen

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Market potential of sawdust charcoal briquettes

Dr Joseph O. Akowuah
The Energy Center (TEC)
Kwame Nkrumah University of Science and Technology (KNUST)

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Potentials of high quality composting in Ghana

Ms. Akua Akyaa Nkrumah
Jekora Venture Ltd

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Mobile technologies for conditioning organic waste


Mr. Thomas Authmann
Doppstadt Calbe GmbH

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Coping with challenges of biogas utilization – learning from international experience

Mr. Andreas Hothan
ee Energy Engineers GmbH

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Biogas from municipal organic waste and wastewater in Ghana


Mr. Francis Kwaku Mensah
UMAWA-Arkolia West Africa Limited, Ghana

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Biogas from agro-industry

Mr. Bright Keme
HPW Fresh and Dry Ltd., Ghana

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Decentralized processing of oil seeds for energetic use

Ms. Gabriele Strupat
Maschinenfabrik Reinartz GmbH & Co. KG, Neuss, Germany

Going Green

Enhancing resource and energy efficiency in Ghana

Ms. Gifty Tettey, Ministry of Power

Dr. Lawrence Darkwah, KNUST

Mr. Patrick Martens, Delegate, Delegation of German Industry and Commerce in Ghana

Mr. Martin Mainz, Regional Director West Africa, DEG - Deutsche Investitions- und Entwicklungsgesellschaft GmbH

Mr. Steffen Behrle, Team Leader, Renewable Energy, GIZ, Ghana