

Zusammenfassung:

In dem Bereich, in dem Ghatronic die Seminare organisiert sind die Autoreparaturwerkstätten zu mehr als 85% dem informellen Bereich zuzuordnen. Grundsätzlich wird unterschieden zwischen den herstellergebundenen, autorisierten Werkstätten, sowie Werkstätten, die für den Staat Ghana arbeiten (formeller Bereich) und dem informellen Bereich.

Die Gruppe der Werkstätten im informellen Bereich teilt sich auf in

- a) Werkstätten mit anerkannt ausgebildetem Personal (z.B. Berufsschule, technische Universität, Universität)
- b) Werkstätten mit nicht offiziell anerkannt ausgebildetem Personal (Auszubildende werden vom Werkstattbesitzer angelernt)
- c) Werkstätten am Straßenrand mit Mechanikern aus sozial benachteiligten Gruppen (ohne Schulausbildung)
- d) Spezialwerkstätten (für Karosserie, Bremseninstandsetzung...)
- e) Werkstätten der Tankstellen (für Ölwechsel, kleinere Reparaturen...)

Die informellen Werkstätten spielen eine wichtige Rolle, die meisten Autobesitzer können es sich nicht leisten, ihr Auto in einer herstellergebundenen Werkstatt reparieren zu lassen. Der größte Bereich der informellen Autoreparaturwerkstätten ist das Suame Magazine in Kumasi, hier arbeiten mehrere tausend Mechaniker. In Suame sind die meisten Werkstätten den Gruppen a und b zuzuordnen.

Landesweit in Ghana sind die meisten der informellen Autoreparaturwerkstätten registriert und organisiert in der GNAG (Ghana National Association of Garages). Diese Werkstätten bezahlen eine jährliche Gebühr (Steuer), die anhand der Größe des Betriebs festgelegt wird. Die größten GNAG Büros sind in Accra und Kumasi. Die Hauptaufgabe der GNAG ist, die Werkstätten zu unterstützen und sie in offiziellen Angelegenheiten zu vertreten. Die GNAG ist landesweit tätig, die Regionen sind in Distrikte und Zonen aufgeteilt, jede Zone hat ihre eigene Führungskraft, die engen Kontakt zu den Werkstätten in der direkten Umgebung hat.

Spezialfall Kumasi: Hier unterhält das Technology Consultancy Centre (**TCC**) der Kwame Nkrumah University of Science and Technology **KNUST** ein Centre For Capacity Development in Automobile And Manufacturing. Hier können Studenten Praktika absolvieren und sich mit dem Personal der informellen Werkstätten in Suame austauschen. Eine Weiterentwicklung zum Technologietransfer an diese Werkstätten ist in Planung (z.B. Diagnosesysteme...). Die Kumasi Technical University KSTU ist an dem Projekt nicht beteiligt.

Ergebnisse der Internetrecherche 2022 02:

The Informal Sector in Ghana

By: Clara Osei-Boateng, Edward Ampratwum Date: October 2011

Publisher: Friedrich Ebert Stiftung

Excerpt from the paper:

80 percent of the Ghanaian workforce is employed in the informal sector. The sector is characterized by underemployment, bad working conditions, uncertain work relationships and low wages. The majority of people are living with high income insecurity. The trade unions are facing major challenges to organize workers in the informal sector to ensure that the employees are working in an environment which is not harmful to them and secures their basic human needs. The topic of the paper has not been researched in detail and there is a need to act in future to ensure that the majority of the workforce in the country is not deprived."

[complete PDF can be downloaded]

<https://www.ghanaskills.org/node/75>

Publisher: GIZ

TRADE ASSOCIATIONS

Most informal sector businesses in Ghana are organized in Trade Associations. Apart from offering general business services to their members, one of their functions is to coordinate and assure the quality of training such as apprenticeship systems in their respective trades. They therefore have a crucial function when it comes to improving informal sector skills training. GSDI supports the associations in the development of their organizational structures and services for their members.

Furthermore, umbrella associations such as the Federation of Professional Trade Associations in Ghana (FEPTAG), the Association of Small-Scale Industries (ASSI) and the Association of Ghana Industries (AGI) are being actively involved in the design of training contents. GSDI also backs the establishment of sector skills bodies to promote demand-driven TVET and public-private exchange.

Currently, GSDI cooperates in around 20 different trade associations (representing 8 trades) in strengthening their active participation in the implementation of demand-oriented and collaborative TVET models

<https://www.ghanaskills.org/node/79>

Publisher: GIZ

Ghana National Association of Garages (GNAG)

Formation

The Ghana National Association of Garages (GNAG) is the umbrella organization for all small scale automobile repair workshop operators. It was established and registered with the Registrar General's Department under the Companies Code of 1963 (ACT 179) on August 13, 1982. The Association is national in character with branches in all ten regions of Ghana. It is also a member of the Council of Indigenous Business Associations (CIBA).

Vision and Mission

To be the preferred organization to maximize the full potential of our training and professional calling as artisans, and to eventually transform Ghana into an Automobile Industrial hub in West Africa. To remain a highly recognized professional Automobile body serving the needs of members, the society and the provision of common front for the implementation and consummation of government's policies affecting the automobile industry in Ghana.

Aims and Objectives

- Bring together all mechanics and various artisans in the automobile services industry in Ghana into a central organization.
- Provide a standard assessment of the quality of services provided by mechanics and various artisans to the public with a view to improving upon the standards of their work.
- Provide a forum for the exchange of intermediate technology between members.
- Advise government on the maintenance of vehicles and protection of national plants and machinery
- Sponsor training researches and provide facilities for the improvement of the members.
- Assist members and employees in times of difficulty.
- Print and publish newsletters and leaflets that the Association may think desirable for the promotion of its objects.
- Source for loan or raise funds in such manner as the Association may deem fit.
- Subscribe to any local or other charities, and to grant donations for any public purpose.
- Affiliate with both local and international organizations.
- Assist members in the procurement of tools and equipment.

Organizational Structure

The Association is structured to run throughout the country. The National Headquarters is situated at Suame, Kumasi in the Ashanti region with the Headquarters annex in Accra. There exist ten regional branches in all ten regions of the country as well as the Districts and Zonal branches. In terms of good governance, elections are held periodically at all branches as enshrined in the Association's Constitution. Membership is made up of 50,336 Mastercraft persons and 172,081 apprentices.

Achievements

- Acquisition of a few parcels of lands in some regions for members as their permanent places of work.
- Series of capacity building and skills development training programs organized by MDPI, COTVET and GSDI.
- Regular examinations conducted by NVTI for members.

Contact

NATIONAL HEADQUATER SUAME
P.O. BOX SE 440, Suame – Ghana
Phone: +233(0)265836375 / +233 (0)265897956
E-Mail: garagesassociation@yahoo.com

GREATER ACCRA REGION
P.O. BOX 2024 Teshie Nungua Estate, Accra – Ghana
Phone: +233 (0)243841149 / +233 (0)265469864
E-Mail: gnagreateraccraregion1@gmail.com

<https://www.knust.edu.gh/news/news-items/partner-africa-project-holds-part-one-fine-planning-mission-workshop-knust>

Partner Africa-Project Holds Part One of Fine Planning Mission Workshop in KNUST

Published: 04th Feb 2022 Source: University Relations Office (URO)

The Partner Africa-Project is a consortium of Unternehmer Baden-Württemberg (UBW), Association of Ghana Industries (AGI), Kwame Nkrumah University of Science and Technology (KNUST), Arqum and Sequa. The Partner Africa-Project held part one of its maiden project planning workshop in hybrid mode where Sequa, UBW and CEO of AGI joined remotely while representatives of KNUST, Arqum and Ashanti Regional AGI were in person at the KNUST College of Engineering Antarctic Board Room on 3rd February, 2022. The Projects Coordinator, Leslie Joppa and the Administrative Manager, Yaw Obeng Dartey of the College Innovation Center were also present at the meeting. The part two of the workshop will be held on 8th February 2022 at AGI, Accra. The maiden workshop embodies the discussion of project activities and schedules, important interim results, assigning responsibilities and the allocation of personnel, material, and financial resources. The team from Arqum, Mr. Philipp Pofertl and Mr. Maximilian Blaim paid a courtesy call on the Vice Chancellor of KNUST, Prof. (Mrs.) Rita Akosua Dickson and the Provost of the College of Engineering. The Vice Chancellor stated that, the vision of the project fits perfectly with the mission of KNUST which is to advance knowledge in Science and Technology through creating an environment for undertaking relevant research, quality teaching, entrepreneurship training and community engagement to improve the quality of life. She ascertained that, with the collaboration with the Association of Ghana Industries, the goal of the project to bridge the gap between industry and academia will be achieved. The Provost of the College of Engineering was represented by Prof George Obeng the Dean of Faculty of Mechanical and Chemical Engineering. He mentioned that the vision of the College of Engineering, to contribute to Ghana and the sub region's industrial and digital revolution through excellence in Engineering education, research and innovation to serve industry and society is in line with the focus of the project which makes it relevant and timely. The workshop commenced with a brief introduction of the partners. Mr. Senator Wolf introduced UBW, Prof. Jerry John Kponyo gave a presentation on KNUST, Mr. Twum-Akwaboah introduced AGI and Dr. Strohmeyer spoke about the role of Sequa in the project. Mr. Pofertl from Arqum took participants through the objectives, results and indicators of the project. The activities, milestones and responsibilities of partners were defined and discussed. The Principal Investigator from KNUST, Prof Jerry John Kponyo said the project will be run through the Innovation Center of the College of Engineering. The target for KNUST and AGI is that, at least 100 students and 200 professionals from industry will benefit directly from the training the project seeks to offer. Additionally, KNUST will collaborate with AGI to execute at least 10 impact projects which will solve problems students identified while on internship with industry. It is hoped that, at the end of the three-year span of the project, there will be stronger collaboration between academia and industry and students will be better prepared for the job market.

<https://kuulpeeps.com/2021/05/28/knust-to-set-up-a-centre-for-capacity-development-in-automobile-and-manufacturing/campus/knust>

KNUST To Set Up A Centre For Capacity Development In Automobile And Manufacturing

By Pilot Sedode -May 28, 2021

The Kwame Nkrumah University of Science and Technology (KNUST) has entered into a partnership agreement with Aurelia Holding AG Germany, to start a project dubbed: KNUST Centre for Capacity Development in Automobile and Manufacturing (CECADAM). The project concept, bilaterally developed by teams from KNUST and Aurelia Holding AG Germany, embraces almost all aspects of the Sustainable Development Goals (SDGs) with a strong emphasis on SDG 17 – Partnership for Development. For this purpose, the Suame Municipality noted as an epicentre for metal engineering, automobile repairs and innovative artisanal solutions in Ghana has been incorporated as one of the key areas of the project to among others, train the traditional mechanics to obtain contemporary skills to deal with the technological advancements within the manufacturing and automobile industry. The CECADAM project falls in line with the Vice-Chancellor's vision of "One-Department-One-Start-Up (1D-1S)", and the Government of Ghana's, "One- District-One-Factory (1D-1F)" policies respectively and seeks to leverage strong Academia-Industry partnerships to develop communities and society. The Vice-Chancellor, Professor (Mrs.) Rita Akosua Dickson, in her address, expressed the interest and support of her administration to the CECADAM project. She thanked Aurelia Holding AG Germany for the keen interest shown in the CECADAM project and the opportunity to take North-South cooperation to another level of academia-industry partnership in co-creation of knowledge, innovations, and community impact. She was excited that the signed MoU will facilitate the exchange of undergraduate and graduate students between Ghana and German Small to Medium Scale Businesses and Industries for practical training and internships.

source: KNUST

<https://theghanaweb.com/suame-mp-knust-set-up-centre-to-train-artisans-at-suame-magazine>

Suame MP, Knust Set Up Centre To Train Artisans At Suame Magazine

Angie Sep 9, 2021

Artisans at the Suame Magazine have begun receiving training at the Kwame Nkrumah University of Science and Technology, KNUST, to equip them with expertise in modern technologies involved in car manufacturing and this also comes after stakeholders set up the Centre for Capacity Development in Auto and Manufacturing at the KNUST to also address challenges that artisans face in repairing new cars that are being manufactured, which is keeping many out of business. The Suame Magazine Industrial enclave also constitutes the largest informal sector cluster in Ghana, with an estimated population of over 200,000 people whose livelihoods depend on the enclave. For decades, Suame Magazine has created employment opportunities for thousands of people. The artisans who operate at the industrial

hub specialize in metal cutting, grinding, drilling, welding, painting, also electrical and vehicular repairs, vehicular spare parts sales and small-scale manufacturing. Craft and basic tenets involved in the operations have also been passed on from one generation to the other. With introduction of modern technology in automobile industry worldwide which requires special expertise, and many artisans are losing their source of livelihood since they are unable to fix some newly manufactured cars. According to the artisans, this has also led to a situation where they have even caused extra damages to some vehicles that have been sent to them for repair works to be done. Artisans can now heave a sigh of relief as Centre for Capacity Development in the Automobile and Manufacturing has been set up at Kwame Nkrumah University of Science and Technology to also equip them with the appropriate modern technologies and innovations to make them more efficient. Prof. Mark Adom Asamoah, the Provost of the college of engineering at KNUST spoke on Behalf of KNUST Vice Chancellor, Prof. Rita Akosua Dickson at the launch of the initiative in the Kumasi. The works of traditional artisans are also widely deemed as without standards, with little or no innovation and no means of measurement. As a result, the university has over the years collaborated with leadership of Suame Magazine to also help resolve these challenges. The initiative is a collaboration between the Member of Parliament of the Suame, Kyei Mensah and KNUST with the support from their German partners. Kyei Mensah says the work of the traditional artisans at the Suame Magazine cannot be overemphasized and as a result, the centre will help them get the appropriate expertise and will open up more opportunities for them. The traditional mechanics play a vital role in the informal economy that cannot be also overlooked. Many vehicle owners that are unable to afford the services of the dealers resort to them for servicing, maintenance and repairs. I dare say that the high level of carnage on our roads are mainly also attributed to servicing, the maintenance and repair work inefficiencies. Suame Member of Parliament added that the training being given to the artisans at the centre at KNUST will put them in a position to be able to repair new cars by various assembling plants that have been set up in the country. He says this will enhance their economic opportunities. So far, some artisans have already received training at the centre. For Anthony Oppong who has worked at Suame Magazine for years and is also the Ashanti regional chairman of the Ghana Union of Traders Association, GUTA, the initiative is properly preparing them for the future. I have been travelling to various parts of the world and I have been in this business, and I have noticed that most of the new cars that are being developed are of the electronic type and the fuel cell type which the mechanics here do not have any idea as to how to repair them. So with this laudable initiative, I think it will enhance the capacity of our mechanics and also give future to the work I am doing.

<https://educationghana.org/knust-partners-aurelia-holding-ag-germany-for-knust-centre-for-capacity-development-in-automobile-and-manufacturing/>

KNUST Partners Aurelia Holding AG Germany for KNUST Centre for Capacity Development in Automobile and Manufacturing

By Ellis Ferdinand -26th May 2021

The Kwame Nkrumah University of Science and Technology (KNUST) has entered into a partnership agreement with Aurelia Holding AG Germany, to start a project dubbed 'KNUST Centre for Capacity Development in Automobile and Manufacturing' (CECADAM). The project concept, bilaterally developed by teams from KNUST and Aurelia Holding AG Germany, embraces almost all aspects of the Sustainable Development Goals (SDGs) with strong emphasis on SDG 17 – Partnership for Development. For this purpose, the Suame Municipality, noted as an epicentre for metal engineering, automobile repairs and innovative artisanal solutions in Ghana has been incorporated as one of the key areas of the project to among others, train the traditional mechanics to obtain contemporary skills to deal with the technological advancements within the manufacturing and automobile industry. The CECADAM project falls in line with the Vice-Chancellor's vision of 'One-Department-One-Start-Up (1D-1S)', and the Government of Ghana's, 'One- District-One-Factory (1D-1F)' policies respectively and seeks to leverage strong Academia-Industry partnerships to develop communities and society. The Vice-Chancellor, Professor (Mrs.) Rita Akosua Dickson, in her address expressed the interest and support of her administration to the CECADAM project. She thanked Aurelia Holding AG Germany for the keen interest shown in the CECADAM project and the opportunity to take North-South cooperation to another level of academia-industry partnership in co-creation of knowledge, innovations, and community impact. She was excited that the signed MoU will facilitate the exchange of undergraduate and graduate students between Ghana and German Small to Medium Scale Businesses and Industries for practical training and internships. Speaking on behalf of Aurelia Holding AG Germany, Herr Joachim Lindenau and Frau Matilda Marful indicated that the immediate areas Aurelia Holding AG is interested to collaborate on the project include; Incubation Support Services, Capacity Building Services for Technical and Industrial Plants, Facilitation and Support for Project Financing, Green, Reverse and Frugal Innovation, Living Labs and Innovation Camps, and Suame Magazine Sustainable Community Livelihood Improvement Programme (SUMACLIP). Frau Matilda Marful hinted that Aurelia Holding AG would be facilitating the acquisition of alternative machinery and equipment to support the KNUST-Suame Community impact projects (SUMACLIP), as well as other Start-Ups running within the University. In a related development, the Aurelia Holding AG Germany team paid a visit to the Suame Municipal for a tour around Suame Magazine, on 3rd April, 2021. Receiving the delegation, the MP for Suame, Hon. Osei Kyei Mensa Bonsu, together with the Municipal Chief Executive, Prof. John Osei Bobie Boahin emphasized that Suame is ready to be a Living Lab and the Industrial Hub of West Africa in Automotive and Manufacturing Engineering, and also ready to work with KNUST to achieve the project objectives and deliverables.