

# KITWE VOCATIONAL TRAINING CENTRE

## KVTC HEAVY EQUIPMENT OPERATOR PROGRAMME



### A VISIT TO ZAMBIA (KVTC) BY A UK BASED TECHNICAL ADVISOR



# BIOGRAPHY

## Mr. William Goldsmith (UK Technical Advisor)

With a career spanning over twenty years, William Goldsmith is a London-based consultant known for his exceptional ability to drive results in project management, business, and financial services. Combining sharp analytical and IT skills with a strong commercial acumen, William's track record includes key roles in national and international public and private organizations.

A pivotal period in his career was spent as a Consultant and Technical Advisor at the United Nations Industrial Development Organization (UNIDO), where he worked closely with high-ranking officials and was instrumental in managing technical vocational training projects across transitional economies.

William excelled in formulating and coordinating Public-Private Partnership projects, leveraging his expertise in business assurance to ensure success. His diverse skill set and strong work ethic have earned him recognition both in the UK and abroad.

Prior to UNIDO, William held positions at the Metropolitan Police Service and the UK's Department of Environment, Food, and Rural Affairs. In addition, he managed personal property investment projects in London.

In 2013, William founded London Pacific LLC in Las Vegas, USA, successfully doubling the company's net worth within the first year through strategic management and effective project management.

William holds a BSc (Hons) in Environmental Science from Royal Holloway, University of London. His ability to excel across various projects and responsibilities makes him an invaluable asset to any organization.

# PURPOSE OF THE MISSION

- Confirm and review local building codes, regulations and permit requirements that will impact or guide design of facilities to meet the requirements.
- Support the UNIDO Project team in the recruitment of a UNIDO Site Engineer. Support the hiring of any other experts required for further surveys (Topographical, Site Plan, Geo-technical, etc).
- Infrastructure Assessment: Evaluate the existing infrastructure surrounding the site, including access to utilities. Check for any nearby construction that could affect the project, including access roads, traffic, etc. This assessment should consider the local context and any potential challenges or limitations that could affect the success of the project.
- Consult with experts in heavy equipment operations training, such as trainers or industry professionals, particularly senior training managers at Hitachi, to identify and consider the necessary equipment and facilities for effective training in the design of the facilities.
- Safety and Security: Consider safety and security issues, including the security of the equipment, personnel, and the building itself. Ensure that the building is designed to suite local conditions and any likely hazards.
- Gather information on best practices for training facility design, equipment selection, and training program delivery through site visits to existing training centres, particularly those operated by Hitachi Construction Machinery.

# PURPOSE OF THE MISSION

- Undertake a full assessment of the regional conditions in Zambia, including a site visit to the project construction site, to ensure that the training centre design is tailored to meet the specific needs and requirements of the local context.
- Review needs assessments, or any other information, in respect of training centre requirements, with relevant stakeholders including those at KVTC, Hitachi, and potential employers.
- Conduct consultations to ensure a comprehensive understanding of project requirements, expectations, and concerns with relevant stakeholders, including:
  - Ministry Official(s) at The Ministry of Technology and Science
  - KVTC Management and Training Staff
  - Hitachi Construction Machinery Zambia; relevant management, particularly training managers and personnel
  - Existing Training Centres
  - Potential future employers of graduate students.

# ACHIEVEMENTS

- Undertook a full assessment of the regional conditions in Zambia through site visits and consultations with stakeholders, which informed the training centre design to meet the specific needs and requirements of the local context.
- Reviewed needs assessments and gathered information from KVTC, Hitachi, and briefly investigated potential employment routes during meetings, which informed the understanding of the training centre requirements and will aid development of a tailored design.
- Gathered best practices for training facility design, equipment selection, and training program delivery through site visits to existing training centres, OEM dealerships, and consultations with Hitachi Construction Machinery representatives.
- Confirmed and reviewed local building codes, regulations, and permit requirements through discussions with NCC, TEVETA, construction companies and Ar. Vunda, which will guide the design of facilities to meet the requirements.
- Supported the UNIDO Project team in the selection and recruitment of a UNIDO Site Engineer and the hiring of experts for further surveys (Topographical, Site Plan, Geo-technical, etc).
- Conducted an Infrastructure Assessment by evaluating the existing infrastructure surrounding the site, including access to utilities, and assessing the local context for potential challenges or limitations that could affect the project. Have initiated the process of obtaining Geotechnical and Topographic surveys. Will review addition of drainage, electrical, plumbing and sewerage information to site plan.

# ACHIEVEMENTS

- Conducted comprehensive consultations with relevant stakeholders to understand project requirements, expectations, and concerns. Stakeholders engaged included:
  - Ministry Officials
  - KVTC Management and Training Staff
  - Hitachi Zambia management
  - Existing Training Centres
  - TEVETA officials
- Identified best practices for training facility design, equipment selection, and training program delivery through site visits and consultations with industry professionals, particularly MCTC and Hitachi Construction Machinery Zambia Limited.
- Reviewed and discussed the Environmental and Social Management Plan (ESMP) during the meeting with Hitachi Construction Machinery Zambia Limited, ensuring the training centre project adheres to environmental and social standards and safeguards.

## VISIT at the host institution KVTC



## Visit at Hitachi Construction Machinery Zambia in Lusaka





## Visit at Technical Education, Vocational and Entrepreneurship Training Authority (TEVETA) offices in Lusaka



## Visit at CAMCO College in Lusaka



## Visit at Mopani Central Training Centre in Mufurila



## Visit at Citiworkx Zambia Limited in Kitwe



## Visit at Saloba Limited in Kitwe

