

# CURRICULUM VITAE

Name: **John Waweru Gakunga**  
Position: **Founder and Managing Trustee/Director**  
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I hold MPhil, Postgraduate Diploma (from University of South Wales UK) and Technology Diplomas in Civil Engineering/construction, General Management and Technologies respectively. I have worked with local, international, organizations and teaching/research in various subjects including waste engineering at Kenyatta University for a period of 51 years in total. And currently I am Founder & Managing Trustee of Interwaste R&D (EA) Trust. The Trust is a nonprofit registered in Kenya, and focusing in Africa and also our TRUST is UNEP accredited. Please see [www.interwaste-ea.co.ke](http://www.interwaste-ea.co.ke) for more information. We are looking for strategic and specialized partners, investors, and technical assistance for implementation services of our initiatives in Africa, through value addition and use of advanced technologies currently available. Our concerns are environmental challenges caused by urban solid wastes, wastewater, WASH, agriculture/irrigation, DEFORESTATION and chemical and hazardous wastes sectors in Africa. and look forward for a planet pollution free. We target waste to energy schemes, urban waste, wastewater engineering, land filling engineering, land fill gas, dump sites rehabilitation; with development of mechanism for reduction of GHG Emissions in developing countries; anaerobic digestion and Bioelectrochemical systems, education, research & development and training young men and women in these sectors in Africa. We need support from countries, companies and experts with environmental success stories, and other infrastructure development projects (including real estate) as committed relevant Organizations

## **Educational Qualifications:**

- MPhil in Civil Engineering , University of Glamorgan, Now University of Wales, UK (12/1993)
- Post graduate Diploma in Management studies, University of Glamorgan, Now University of Wales, UK (06/1992)
- Higher National Diploma in Civil and Const. Engineering, Uganda Technical College, Kampala, Uganda- (07/1974)
- Ordinary National Diploma in Building and Civil Engineering, Kenya Polytechnic, Nairobi (12/1971)

## **Teaching Subjects:**

Municipal Solid/Hazardous Wastes Management; Manufacturing Resources Management; Wastewater wastes; Technical writing; Construction Technology and Management; Human Resources Management in Construction Industry; Pollution and Pollution Control ;Construction and Building Technology.

### **Research Interests:**

These focus on waste to energy schemes; urban wastes, wastewater engineering/ land filling engineering, landfill gas, dump sites rehabilitation, with development of mechanism for reduction of GHG Emissions in developing countries; Anaerobic Digestion/ Bioelectrochemical systems; and Education, Research Developments/Training young men and women on urban wastes/wastewater, WASH, agriculture/Irrigation, Deforestation, chemical and Hazardous wastes and environmental challenges in Africa.

### **Professional Qualifications:**

- Member of Subcommittee of Committee of Permanent Representative of UNEP (2019)
- Fellow, Kenya Institution of Technologists and Technicians (2017)
- Member of American Society of Civil Engineers (2015)
- Registered Technician Engineer (UK) (1977)
- Corporate Member of Chartered Management Institute (UK) (1993)
- Member of International Solid Waste Association (2010)
- Member of Urban Research Network (2010)

### **Awards/ Recognition/ Conferences:**

- 2019- Participated in UNEA 4 as accredited civil society stakeholder, Gigiri, UN Complex, Nairobi, Kenya;
- 2018 – Participated in Global wastewater Initiative, Gigiri UN Complex, Nairobi, Kenya;
- -2016 –Participation in UNEA 2 as civil society stakeholder., Gigiri UN Complex, Nairobi, Kenya;
- 2016- Participated in SuSanA Kampala Symposium, Munyonyo Resort, Kampala Uganda;
- 2014- Participated in UNEA 1 as civil society stakeholder, Gigiri, UN Complex, Nairobi, Kenya;
- 2014- Participated in Devex partnership & Career/International developments forum, Addis Ababa, Ethiopia.
  
- 1994-The recognition of UNIDO and UN-Habitat as an International Expert in the following fields: Construction Management, Monitoring and Site Supervision, Pre-casting and Prefabrication of Construction Materials, Local Building Materials, and Private Sector Delivery of Urban Services.
  
- 2005-Participation in UNEP, 23rd Ministerial and Governing Council Conference in February 21-24, 2005 at Gigiri, Nairobi, Kenya, September,

- 2010 Participation in Environment & Energy, ENTECH 2010, Exhibition, Seminar & Conference in BEXCO, Busan, South Korea

**Professional Experience:**

- -2016 to Dec.2019- Lecturer, Department of Construction and Real Estate , School of Architecture and Built Environment, Kenyatta University, Nairobi.
- -08/2011 to 2016-Lecturer, Dept of Water and Environmental Engineering, School of Engineering and Technology, Kenyatta University, Nairobi.
- -03/2006 to 08/2011- Assistant Lecturer, Dept of Water and Environmental Engineering, School of Engineering and Technology, Kenyatta University, Nairobi, Other duties: Departmental Examinations Coordinator and ISO Representative.
- -11/1998-12/2005-Management Consultant- advice to small and medium scale Contractors/Businessmen in Kenya;
- -09/1997 –10/1998 Management Consultant- Africon / Gado Joint Venture (World Bank Project), KUTIP- Management and Technical Assistance Consultant as an Assistant Zonal Engineer.
- -08/1985-04/1990- General Manager, Mitchell Cotts Kenya Limited;
- -Jan.1981-06/1985-Assistant Civil Engineer, Kenya Tea Development Agency;
- -Jan. 1980- February,1980 –KCF Manager, Kiambu Institute of Science and Technology;
- -Dec. 1968- 1980- Technician Trainee/Assistant Resident Engineer,Nairobi City Council, now City County Government

**Thesis/ Book- Title:**

“The Limitations to the Expansion Strategy of the Building Materials Industries in Developing Countries with Special Reference to Kenya.” Chapter 1-8 Author: Gakunga J. W.

**Publication/Accomplishment:**

Gakunga J.W., Mustapha F.N., Wild S., Taylor J.L.

“ The Limitations to the Expansion Strategy of the Building Materials Industries in Developing Countries with Special Reference to Kenya” in proceedings, 20th Annual Conference, Academy of International Business (UK) Region; Internationalization Strategies; Pontypridd, University of Glamorgan, South Wales, April 5-6, 1993 Volume II

Referees;

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Confirmation,

I confirm that the above information best describe my experience and capability

Sign..... Date 22/01/2020

