



Dean Tashobya

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B11-Bagala's Place, 7270, Kampala, Uganda

About me:

Dean is an Environmental Scientist specializing in Sustainability & Circular Economy, with fourteen years of experience in life cycle thinking sustainability strategies. His experience resonates in different areas such as sustainable consumption and production, green fiscal reforms, Life Cycle Assessment, carbon footprint, circular economy sustainable materials management, greening the economy, sustainability standards development, sustainable waste management(waste to resource), green product development, sustainable finance and impact investing among others.

Dean also has great communication,organizational / managerial,digital and computer skills.

I look forward to participate in new sustainability tailored studies and projects, leading to creating new knowledge for solving current and future environmental challenges and problems, for sustainable development.

WORK EXPERIENCE

22/02/2021 – CURRENT – Kampala, Uganda

PRINCIPAL PETROLEUM OFFICER (STANDARDS) – MINISTRY OF ENERGY AND MINERAL DEVELOPMENT(MEMD)

The main responsibilities include;

- Providing leadership to the team in the Standards Section.
- Preparation and updating of standards for downstream petroleum products, equipment and facilities.
- Preparing and implementing programs to ensure compliance with downstream petroleum standards.
- Participating in preparation of budgets.
- Prepare monthly, quarterly and annual work plans.
- Participating in development and implementation of different projects.

2019 – CURRENT – Kampala, Uganda

MEMBERSHIP EXECUTIVE FOR AFRICA, AND CIRCULAR ECONOMY CLUB KAMPALA CITY ORGANIZER – CIRCULAR ECONOMY CLUB (CEC)

Promote Circular Economy across all sectors globally.

Responsibilities

Organizing and promoting activities under the Circular Economy Club. Conducting a SWOT analysis of the circular economy in cities/organizations with other stakeholders, and designing activities to help facilitate the implementation of circularity. The focus is on all sectors and industries.

London, United Kingdom

2018 – CURRENT – Kampala, Uganda

UGANDA CHAPTER LEADER – AFRICAN CIRCULAR ECONOMY NETWORK (ACEN)

ACEN is a multinational NGO, present in 31 African countries.

Responsibilities

Leading the growth and management of ACEN in Uganda.

- Overseeing different projects and day to day operations of ACEN
- Engaging different public and private sector stakeholders in promoting circular initiatives.
- Developing executable project proposals
- Partnerships at national, regional and international level
- Overseeing training and awareness programs networking events.

South Africa

01/06/2016 – CURRENT – Kampala, Uganda

LIAISON OFFICER – LCA NETWORK UGANDA

Responsibilities

- Managing public and private sector engagements.
- Communicating and coordinating activities on different projects.
- Promoting Uganda LCA Network at national, regional and international level.

Uganda

01/09/2014 – 28/02/2021

TECHNICAL COORDINATOR – EACPT SCHEME & ECSA-HC

Responsibilities

- Plan and provide proficiency testing materials for the East African community partner states.
- Evaluate proficiency testing reports and give guidance on the quality of results from participants

Uganda

03/2014 – CURRENT – Kampala, Uganda

EXPERT DELEGATE – GOVERNMENT OF UGANDA

Representing Uganda on; International Organization for Standardization(ISO) committees

- ISO/TC 323"Circular Economy",
- ISO/TC 207/SC 1/WG 7 "Monetary valuation of environmental impacts,
- ISO/TC 207/SC 05 - Life cycle assessment,
- ISO/TC 207/SC 5/WG 11 "Life cycle assessment-Requirements and guidelines,
- ISO/TC 207/SC 1/WG 8 "Guidelines on determining environmental costs and benefits.
- Contributing expert on East African Community Standards,
- Contributing expert on African Organization for Standardization and Ecosystem-based Adaptation for food security in Africa Assembly (EBAFOSA) standards.

Uganda

12/2009 – 28/02/2021 – Kampala, Uganda

SENIOR ANALYST – UGANDA NATIONAL BUREAU OF STANDARDS

Responsibilities

- Carrying out audits for conformity assessment and certification purposes (ISO 14001:2015, 17025:2017, 9001:2015, 26000 & 18001- 45001),
- Participating in standards development and implementation.
- Training organizations and companies on implantation of Sustainability, Carbon footprint, and Life Cycle assessment Standards.
- Training different stakeholders on the implementation of ISO 14001:2015, 17025:2017, 9001:2015, 26000 & 18001- 45001.
- Helping organizations and Industry in establishing Environmental Management Systems

Uganda

2018 – 2019 – Kampala, Uganda

UGANDA COUNTRY REPRESENTATIVE – INTERNATIONAL WORKING GROUP

Project: Development of National LCA Database Roadmaps, including further development of the Technical Helpdesk for National LCA Databases. Consortium members: Brazil, Ecuador, India, South Africa, Sri Lanka, and Uganda.

The project was under the Resource Efficiency through Application of Life cycle thinking (REAL) which is part of the UN Environment hosted by Life Cycle Initiative. The overall goal of the REAL project is to integrate resource efficiency in global value chains by using life cycle data on environmental impacts.

Responsibilities

- Providing technical know-how and support to the National Database Working Groups (NDWG) and facilitating the inter-regional exchange of experiences.
- Preparing a set of guidelines and recommendations for establishing roadmaps aimed at national LCA database development.
- Reviewing baseline assessment reports and the national roadmap reports.

2017 – 2019 – Kampala, Uganda

NATIONAL CONSULTANT – UGANDA COFFEE DEVELOPMENT AUTHORITY

Project: Sustainable coffee production

Responsibilities

- Training different players along the coffee value chain in sustainable coffee production(upstream, midstream, downstream)(Environment, Economic and Social).
- Developing training materials and establishing guidelines for the different players in the value chain on sustainable consumption and production.
- Training different players along the value chain on certification process, certification schemes and implementation of various standards.

Uganda

2017 – 2019 – Berlin, Germany

BOARD MEMBER – FORUM FOR SUSTAINABILITY THROUGH LIFE CYCLE INNOVATION (FSLCI)

Responsibilities

Working with other Board members to steer the organization towards a sustainable future and making sure the organization has adequate resources to advance its mission. The objective is to bring the Life Cycle Community together, sharing information and insights/learnings and facilitate stakeholder outreach worldwide.

Germany

2007 – 02/2009

RESEARCH SCIENTIST – UGANDA INDUSTRIAL RESEARCH INSTITUTE

Responsibilities

- Participate in scientific research activities
- Product Development and Systems design
- Participate in Technical committees
- Assist in conducting chemical analysis of material samples
- Participate in method Development and validation
- Support innovations, applied research and production activities, and train new staff.

Uganda

● **EDUCATION AND TRAINING**

08/2009 – 12/2019 – University Rd, Wandegaya, Kampala-Uganda, Kampala, Uganda

MASTER OF SCIENCE IN ENVIRONMENT AND NATURAL RESOURCES – Makerere University

EQF level 7 | <https://www.mak.ac.ug/>

08/2003 – 07/2007 – Kyambogo, Kampala – Uganda, Kampala, Uganda

BACHELOR OF SCIENCE TECHNOLOGY(CHEMISTRY) – Kyambogo University

EQF level 6 | <https://kyu.ac.ug/>

07/09/2009 – 03/10/2009 – Kampala, Uganda

POSTGRADUATE CERTIFICATE-RESEARCH METHODS & WRITING SKILLS – Center for Basic Research

<https://cbr.ug/>

2020

CERTIFICATE-GREEN BUSINESS STRATEGIES – The Hong Kong University of Science and Technology

2018 – Sweden

CERTIFICATE-CIRCULAR ECONOMY-SUSTAINABLE MATERIALS MANAGEMENT – Lund University

2017 – Sweden

CERTIFICATE-GREENING THE ECONOMY – Lund University

2017 – Switzerland

CERTIFICATE-GREEN FISCAL REFORM – United Nations Institute for Training and Research

2017 – United Kingdom

CERTIFICATE-INNOVATION IN THE FOOD INDUSTRY – University of LEEDS

2017 – United Kingdom

CERTIFICATE-BUSINESS FUNDAMENTALS: PROJECT MANAGEMENT – The Open University

2016 – Mexico

TOT CERTIFICATE-LIFE CYCLE ASSESSMNET – Center for Life Cycle Assessmnet and Sustainable Design

Water, Carbon and Environmental printing

2016 – Switzerland

CERTIFICATE-SUSTAINABLE CONSUMPTION AND PRODUCTION – United Nations Institute for Training and Research

12/2015 – United States

CERTIFICATE-UNDERSTANDING CLIMATE CHANGE – Young African Leaders Initiative-Bureau of International Information Programs, U.S.

2015

CERTIFICATE-SUSTAINABLE AGRICULTURAL LAND MANAGEMENT PROJECTS: SOIL CARBON MONITORING – World Bank Group

● **LANGUAGE SKILLS**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **PUBLICATIONS**

Qualitative Determination of Methane Gas at Selected Sites in Kampala City, Uganda

Qualitative Determination of Methane Gas in Biogas (The Open Environmental Engineering Journal, 2012
<https://benthamopen.com/ABSTRACT/TOENVIEJ-5-50> – 2012

Utilization of Gas chromatography method to study methane gas generated from Solid Waste in Kampala City so as to inform the relevant decision makers on the need to take appropriate measures to reduce open environment methane emissions at dumping sites.

General guidelines and recommendations for establishing roadmaps aimed at national LCA database development

https://helpdesk.lifecycleinitiative.org/wp-content/uploads/2020/11/d_3.1_guidelines_recommendation
 2019

This presents the guidelines and recommendations for establishing roadmaps that are aimed at national Life Cycle Assessment database development.

Roadmap for National LCA Database Development: Guidance and recommendations from around the world

<https://stg-wedocs.unep.org/handle/20.500.11822/33398> – 2020

Provides the practical examples, references, and resources intended for orientation and illustration in relation to the development of life cycle assessment databases.

Assessment of the impacts of e-waste production in Kampala city, Uganda

<http://196.43.133.114/handle/10570/7806> – 2019

A dissertation on assessing the impacts of e-waste management methods through the application of life cycle assessment in management e-waste produced in Kampala City, Uganda.

Training of Trainers in LCA – a practical experience in Uganda

<https://www.wrforum.org/world-resources-forum-2019/scientific-sessions/ss-6-sustainable-lifestyles-and-education/training-of-trainers-in-lca/> – 2020

Shows the experiences and results in advancing life cycle tools and thinking in Uganda.

● NETWORKS AND MEMBERSHIPS

2018 – CURRENT

Life Cycle Initiative

UNEP, France

Promoting life cycle thinking globally

<https://www.lifecycleinitiative.org/>

07/2018 – CURRENT

African Circular Economy Network

South Africa

Promoting Circular Economy in Africa

<https://www.acen.africa/>

2017 – CURRENT

Life Cycle Assessment Uganda

Uganda

Promoting life cycle thinking in Uganda

2019 – CURRENT

International Society of Sustainability Professionals (ISSP)

Corvallis, USA

Promoting sustainability.

Empowering sustainability professionals across the workforce and around the world.

<https://www.sustainabilityprofessionals.org/>

2019 – CURRENT

Institute of Environmental Sciences (IES)

United Kingdom

To advance environmental protection and improvement by promoting a scientific approach to understanding and ensuring the conservation of the physical and natural environment and advance the education of the public by the provision of research and coordination of education, and to engage with those professionally concerned with environmental work, education or studies.

<https://www.the-ies.org/>

Circular Economy Club

Boston, USA

CEC is the international network of the circular economy field, including professionals and organizations, promoting circular economy worldwide.

<https://www.circulareconomyclub.com/>

● RECOMMENDATIONS

- **Dr. Ddumba Daniel Saul**

Senior Lecturer
Makerere University
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+256780505331
Email: ddumbadaniel@gmail.com

- **Dr. Daniel Nadhomi**

Senior Lecturer
Makerere University
Mob: +256772697947
Email: dnadhomi@gmail.com

● PROJECTS

Projects

1. 2017-2018: Study of impacts within the coffee life cycle using the life cycle assessment (LCA)

Aims

- Identify and quantify both the positive and negative effects on the environment of all activities involved in the coffee life cycle in Uganda.
- Analyzing inputs-land, planting materials, energy, water, chemicals, fertilizers, and outputs-yield quantity, waste, emissions, byproducts.
- Identify how to reduce impacts and increase the environmental sustainability of coffee from a life cycle perspective.
- Develop reliable data with case studies to illustrate the current situation thus helping with the planning of national agricultural coffee policies, as well as enhancing the coffee sector.
- Provide recommendations a number of sustainable practices for adoption of better sustainable methods along the coffee value chain for sustainability.

Benefits to the coffee sector

- Increase resource efficiency & save costs
- Increase benefits(environmental, Economic& social).
- Stimulate change through optimizing production processes for sustainability.
- Create Awareness on the impacts.
- Build partnerships.
- increase sustainability planning along the coffee value chain.

2. 2014: Pilot project aiming to assess the business capability and maturity to adopt Life Cycle Management(LCM) practices. A case of Rural Community in Development (RUCID)-Uganda

Aim

- Build staff capacity in methods such as data collection and reporting on energy use and waste generation.
- Build capacity in The hotspot strategy—targeting key processes

Benefits

- Better-informed decision-making.
- improved financial results for the business - a 25-percent increase in annual revenue from cost savings and process improvements.
- Uptake of a biogas energy source and the installation of an anaerobic digester to use fruit residues as energy, thus closing the loop to create a more circular process.
- Fruit residues not suitable for the biodigester used as raw materials in a vermicomposting process producing an organic fertilizer.
- More sustainable transportation process for raw material supply and product distribution
- Increased market share both locally and internationally.

<https://www.h2atlas.de/en/>

Member of the national team for Uganda, for working together with the H2Atlas-Africa project team in Forschungszentrum Jülich Germany in exploring the potentials of hydrogen production from renewable energy sources in Africa.

● **HONOURS AND AWARDS**

Honours and awards

Received "**LCA Award 2019 Certificate of Excellence**" from UNEP-Life Cycle Initiative, World Resources Forum Association & Federation of Indian Chambers of Commerce & Industry.
For the study on "Environmental impacts within the coffee life cycle".

● **ORGANISATIONAL SKILLS**

Organisational skills

Team player, innovative and able to handle multiples tasks and work with people from diverse culture.

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Good communication skills coupled with excellent interpersonal skills, including negotiation skills, diplomacy, and tact, to deal effectively with people from all levels

● **JOB-RELATED SKILLS**

Job-related skills

Good skills that provide sustainability solutions. These have been demonstrated at different levels on different projects.

● **SPEAKER/ PRESENTATIONS**

Speaker/ Presentations

- **2019:** Alliance for Food Sovereignty in Africa (AFSA)- Agroecology working group annual meeting. **Topic:** Circular economy in agriculture
- **2019:** Uganda Association of Impact Assessors Regional Conference on Circular Economy. **Topic:** Implementation of Circular Economy (CE) models in different sectors.
- **2015:** Chosen speaker at the 2015 Mycotoxin and Phycotoxin Gordon Research Seminar (GRS).

23/09/2021

Building Circular economy Global Networks

During the World Circular Economy Forum 2021 (WCEF2021) CEC & CEI - Side Event: Topic: Building Circular economy Global Networks

15/10/2020

Circular Economy & Sustainable Agribusiness Opportunities in Africa

Africa and the Circular Economy: Opportunities, Benefits and Trends. World Trade Centre Accra. Topic: Circular Economy & Sustainable Agribusiness Opportunities in Africa.

07/10/2021

Keynote presentation: Organic waste & circular economy opportunities for East Africa/Africa.

YEH's GrowUp Incubator-Yunus Environment Hub | Demo Day keynote presentation. social business entrepreneurs from Burundi, Tanzania, Kenya, Uganda, and Ethiopia pitching their waste management solutions:

Topic: Organic waste & circular economy opportunities for East Africa/Africa.

16/11/2021 – CURRENT

Mentor: Injection of Circular Economy principles into the conventional business models of the ventures from Kenya, Uganda, Ethiopia, Ghana and Malawi.

2021-GrowthAfrica Accelerator: Injection of Circular Economy principles into the conventional business models of the ventures from Kenya, Uganda, Ethiopia, Ghana and Malawi.

Mentoring different startups and business in adopting circular economy in their businesses.

● **CERTIFICATIONS**

Certifications

- Production Life Cycle Assessment and Carbon Footprint.
- Sustainable Agriculture Land Management and Soil Carbon monitoring.
- Implementation of ISO 14001:2015, 17025:2017, 9001:2015, 26000 & 45001