

Demystify green engineering and
circular economy

GES2025

Green Engineering Seminar
2025

30 August 2025 Baluba Resort



Program

Empowering Everyday Advocates for a Sustainable Future

Program Overview

This three-hour seminar is designed for participants from all backgrounds—no engineering experience required. The seminar aims to help everyone understand the principles of green engineering and the circular economy, experience the launch of innovative modular plastic waste repurposing equipment, and discover practical ways to champion green practices in daily life and society.

Objectives

- Demystify green engineering and circular economy concepts for all participants
- Showcase accessible solutions to plastic waste through hands-on equipment demonstration
- Empower non-engineers to take immediate, practical steps toward greener lifestyles
- Inspire attendees to promote and advocate for sustainable change in their circles and beyond

Seminar Schedule

09:00 – 09:15 | Welcome & Introduction

- Opening remarks – **Chairman Resource Mobilisation**
- Overview of seminar goals and structure
- Setting the stage: Why green engineering matters for everyone

09:15 – 09:45 | Understanding Green Engineering & the Circular Economy (*John Katepa*)

- What is green engineering?
- The principles of the circular economy
- Real-world examples of successful green practices
- Interactive Q&A

09:45 – 10:15 | Everyday Green Actions & Advocacy (*Terry Katebe*)

- Teach our children and grandchildren and advocate for the schools to teach
- How individuals can influence environmental change
- Simple and effective green practices at home, work, and community
- Motivation: Stories of grassroots successes

10:15 – 10:25 | Break

- Light refreshments served
- Eco-friendly networking

10:25 – 11:00 | Launch: Modular Plastic Waste Repurposing Equipment (*Sampa Chilangwa/Kelly Chibale*)

- Introduction to the equipment: shredder, moulder, extruder
- Live demonstration of plastic waste transformation
- Discussion: How modular equipment empowers communities
- Q&A with development team

11:00 – 11:40 | Breakout Session: Bringing Green Practices to Life (*Terry Katebe*)

- Participants form small groups (5-8 people each)
- Guided discussion topics:
- What green practices can we start today?
- How can we adapt the circular economy model to our workplace, home, or community?
- Barriers and creative solutions to green adoption
- Each group documents three actionable ideas

11:40 – 12:00 | Group Presentations & Motivational Closing

- Groups share key takeaways and proposed actions
- Facilitator highlights common themes and unique ideas
- Inspirational call to action: Becoming everyday green advocates
- Seminar wrap-up and resources for further learning