

SUCCESS24
Sustainable Cities,
Circular Economy,
Sub-Saharan
Africa 2024

Our Network

Institution in Germany: University of Stuttgart (ISWA)
Project responsible: Dr. Gerold Hafner, Dr. Dominik Leverenz, Karoline Owusu-Sekyere
Cooperation partners in Germany and in Africa:
Addis Ababa University, University of Ghana, AT-Association, ENDA, University of Stuttgart, (IABP)

Circular economy

Challenges

The project focuses on urban resilience and sustainable waste management in Sub Saharan Africa and addresses related challenges of:

- Transforming linear to circular economy
- Social and environmental impacts
- Resource efficiency
- And climate protection

Project Objectives

- Strengthening circular economy and waste management
- Recycling of reusable materials
- Reduction of organic matter to landfill
- Reduction of greenhouse gases
- Decreasing land degradation
- Improved LCSA with SDG indicators



Good practices

- Data collection
- Development of indicators
- Evaluation for improvement of waste collection and control hazardous waste material flows
- Introduction of centralized composting facilities and separate collection
- Upgrading of municipal landfills level
- Teaching and organization of summer school

Activities

- 2 Modules - Research and Teaching
- Academic teaching
- Supervision of Master Thesis & PHDs
- Education & training of staff
- Summer and winter schools in Ethiopia and Ghana
- Establishing networks with stakeholders from Ethiopia, Ghana, West Africa (WASCAL)
- System analysis & MFA of waste management system
- Method development and assessment on SDG based sustainability analysis
- Transferability analysis

