

# The SDGs and SuCESS24 Indicator Set

IVY Hotel, Bishoftu

16.01.2023 09:00 a.m. – 01:00 p.m.



SDG colour wheel: <https://www.un.org/sustainabledevelopment/news/communications-material/>

# **Introduction to the SDGs**

# Sustainable Development Goals (SDGs)

## SUSTAINABLE DEVELOPMENT GOALS



SDG poster: <https://www.un.org/sustainabledevelopment/news/communications-material/>

- 2030 Agenda for Sustainable Development
- Adopted by all **United Nations Members** in **2015**
- **17 goals** to reach peace and prosperity for people and planet, now and into the future



# Sustainable Development Goals (SDGs)

- Balance the **3 dimensions** of sustainable development: economic, social and environmental
- Every goal has **8 to 12 targets**
- Total of **169 targets**
- Every target has **1 to 4 indicators**
  - Used to measure, monitor and visualize progress towards each target
  - total of **231 indicators**

## SUSTAINABLE DEVELOPMENT GOALS



SDG poster: <https://www.un.org/sustainabledevelopment/news/communications-material/>

# Why are the SDGs relevant for Waste Management?

The SDGs address **waste management** with various targets.



<https://unhabitat.org/wwc-tool>

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**Goal 11:** Sustainable cities and communities

**Target 11.6:** By 2030, **reduce** the **adverse** per capita **environmental impact** of cities, including by paying special attention to air quality and **municipal** and **other waste management**



<https://unhabitat.org/www-tool>

**Goal 6:** Clean water and sanitation

**Target 6.3:** By 2030, improve water quality by **reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials**, halving the proportion of untreated wastewater and substantially increasing **recycling** and **safe reuse globally**

# Why are the SDGs relevant for Waste Management?

The SDGs address **waste management** with various targets.

**Goal 12:** Responsible consumption and production

**Target 12.5:** By 2030, **substantially reduce waste generation** through prevention, reduction, recycling and reuse



**Goal 14:** Life below water

**Target 14.1** By 2025, prevent and significantly **reduce marine pollution** of all kinds, in particular from land-based activities, **including marine debris** and nutrient pollution

<https://unhabitat.org/wwc-tool>

**SDG-based indicator set  
development in  
SuCCESS24**



# SUCCESS24 project: Life Cycle Sustainability Assessment

- **Goal: Assessment** of the **sustainability impacts** of municipal solid waste management systems and material flow scenarios
- **Applied methodology: SDG-based** sustainability assessment methodology
  - Enabling **holistic analysis** of sustainability impacts of resource and waste management structures
  - Identification of sustainability **hotspots** as well as **offsets** between different **life cycle phases** and **sustainability dimensions**
  - Derivation of **recommendations** for improvement
  - At its core: **SDG-based indicator set**



# Need for a tailored **SDG-based** indicator set

Thematic priorities  
of stakeholders are  
addressed

Assessment system  
is tailored to local  
context (structure of  
waste management  
system)

The assessment  
provides meaningful  
results for decision-  
makers

→ **Development** of tailored SDG-based indicator set in SuCCESS24

Accra  
09.12.2021



Addis Ababa  
28.04.2022



Source: SuCESS24 project

# Sustainability topics identified as relevant and applicable in Ghana and Ethiopia



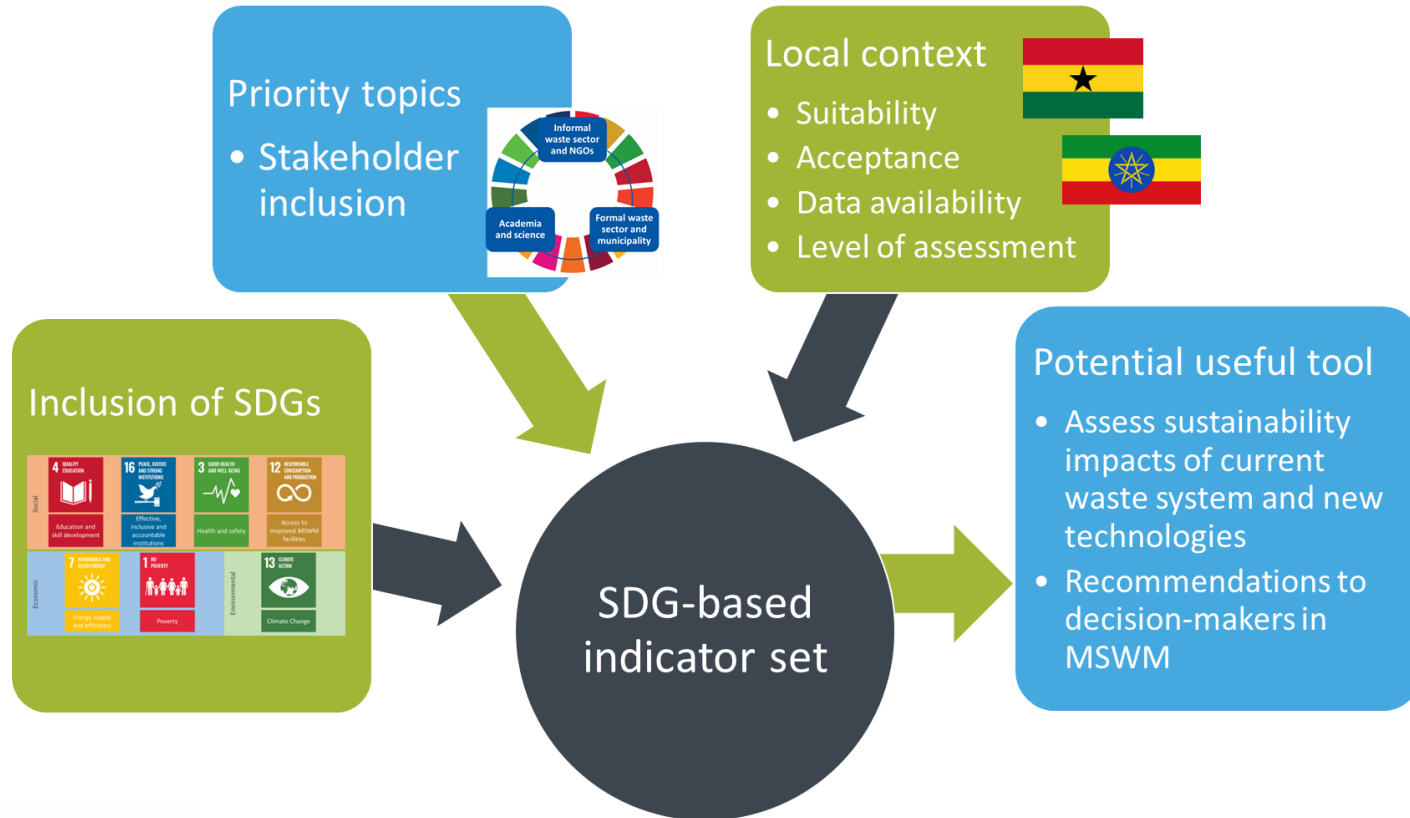
# Sustainability topics and number of chosen indicators

Social dimension	No. of indicators	Environmental dimension	No. of indicators	Economic dimension	No. of indicators
Education and skill development	7	Climate Change	1	Poverty	4
Access to improved solid waste management facilities	4			Energy supply and efficiency	2
Effective, accountable and inclusive institutions	5				
Health and safety	5				
<b>Total</b>	<b>21</b>		<b>1</b>		<b>6</b>

**Total number of indicators: 28**



# Result



# Further steps

# Further steps for case study Bishoftu Town







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To follow the project, please visit the project website:  
<https://www.project.uni-stuttgart.de/success24/>

# Thank you very much!



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