Template for Evidence(s)
UI GreenMetric Questionnaire

University : Sisaket Rajabhat University
Country : Thailand
Web Address : www.sskru.ac.th

[3] Waste (WS)

SAMPLE

[3.18] Impact of Waste Management programs in supporting the Sustainable Development Goals (SDGs)





Example

Description:
(*Please describe Impact of Waste Management programs in supporting the Sustainable Development Goals. You can describe more related items if needed.*)

The university has undertaken a wide range of waste management programs that contribute significantly to the achievement of the **17 Sustainable Development Goals (SDGs)**. These initiatives reflect a strong institutional commitment to reducing environmental impact, promoting the circular economy, and fostering responsible consumption. Key programs include:

- **Implementation of comprehensive waste segregation systems** across campus, separating organic, inorganic, hazardous, recyclable, and e-waste at the source.
- **Operation of composting facilities** to process organic waste into fertilizer used for campus landscaping and urban farming projects.
- **Establishment of recycling stations and partnerships** with licensed waste vendors to process paper, plastics, glass, metals, and electronics.
- **Organization of e-waste collection drives and disposal campaigns** to manage electronic waste in accordance with environmental regulations.
- **Campus-wide zero-waste campaigns**, encouraging reduction, reuse, and recycling through awareness events, signage, and student-led initiatives.
- **Ban or reduction of single-use plastics** in canteens, vending machines, and university events, replacing them with reusable alternatives.
- **Digitalization of administrative processes** to reduce paper consumption and promote environmentally-friendly operations.
- **Inclusion of waste management topics in the academic curriculum**, research projects, and student theses focused on lifecycle analysis, waste-to-energy, and sustainable packaging.
- **Installation of smart bins or waste monitoring systems** to track collection volumes and optimize waste handling logistics.
- **Collaboration with local governments, NGOs, and private sectors** to strengthen regional waste governance and promote circular economy innovation.

These efforts directly support **SDGs 3, 4, 6, 9, 11, 12, 13, 14, 15, and 17**, and contribute indirectly to others, including:

- **SDG 3** – Reducing health risks through safe waste handling and sanitation
- **SDG 4** – Educating students about sustainable materials management
- **SDG 6** – Preventing water contamination through proper waste disposal
- **SDG 9** – Driving innovation in waste treatment and recycling technology
- **SDG 11** – Advancing sustainable campus infrastructure and communities
- **SDG 12** – Promoting responsible consumption and waste reduction
- **SDG 13** – Lowering emissions from waste and enhancing climate action
- **SDG 14** – Minimizing land and marine pollution from solid waste
- **SDG 15** – Protecting ecosystems through sustainable waste practices
- **SDG 17** – Building waste partnerships for policy and practice improvement

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):