



## SUSTAINABLE DEVELOPMENT REPORT 2019

# Life on Land



## Life on Land ■

The majority of the land area of the Kingdom of Saudi Arabia is desert. Thus, sustaining life on land is essential in the Kingdom to preserve existing land use and restore or reverse desertification. The use of land to sustain human life is vital in supporting livelihoods.

Prince Sultan University is committed to ensuring its land preservation by implementing its policy on plastic waste reduction and policy on hazardous waste disposal.

## Metric ■

### Land sensitive waste disposal

Policy on plastic waste reduction & Policy on hazardous waste disposal

**Prince Sultan University**  
**PSU Policy Management Systems**  
**Sustainable Waste Management, Prevention and Disposal Policy**

**Policy Code:** GV0016

**Policy Name:** Sustainable Waste Management, Prevention and Disposal Policies

**Handling Unit:** PSU Maintenance Department

**Date of Current Revision:** August 2020

**Approved by:** University Council

**Date of Approval:** 02/09/2020

#### **Purpose and Aims:**

Prince Sultan University is a sustainable green university that preaches and applies sustainable development approaches and practices at all levels. As part of its endeavors to build a safe, green campus, PSU adopts sustainable waste management and disposal practices that are implemented in coordination with municipal and government agencies.

#### **Aims:**

PSU waste management and disposal policy aims to:

- Build and maintain a safe, healthy green campus
- Apply the appropriate approach and use the proper channels for disposing waste based on its category
- Minimize the use of plastics and reduce plastic waste
- Minimize the use of disposable items
- Adopt energy efficiency standards
- Avoid carbon-intensive industries and similar chemical processes that cause the emission of unhealthy gases
- Measure and monitor the amount of landfill and recycled waste

#### **Categories of waste:**

- 1- Landfill solid waste
- 2- Electronic waste
- 3- Paper waste
- 4- Hazardous materials
- 5- Reusable old furniture and equipment
- 6- Plastic waste
- 7- Carbon and unhealthy gas emissions





### Policy:

- PSU maintenance unit is the entity responsible for waste management, prevention and disposing
- The maintenance unit establishes the appropriate infrastructure, instructions and guidance for waste management, prevention and disposing.
- The maintenance unit applies the appropriate approach and channel for waste disposal based on the waste handling table below
- Landfill waste is disposed using services provided by the Municipality waste disposal network
- A prevention approach is used to reduce carbon and gas emissions
- Other types of waste are disposed in coordination with specialized agencies and charity organizations
- The unit regularly measures the amounts of landfill and recycled waste respectively and raises regular reports on these to upper admin departments
- The department raises regular reports to the higher administration and the quality assurance office
- The quality assurance office is responsible for monitoring performance and KPI's



### Waste Handling and Disposal Channels

Waste Category	Handling Approach	Channel
Solid Landfill waste	Disposal using appropriate channel	Municipal Waste Disposing network
Electronic Waste	Recycling through specilzed agencies recommended by the Municipality	Specialized agencies for disposing electronic waste
Publications and Paper Waste	Recycling or donation through recommended agencies or recognized charity organizations	Philanthropic societies and organizations
Hazardous Material Waste	Disposal through trusted specialized agencies recommended by the Municipality	Trusted specialized agencies for disposing hazardous waste
Reusable Furniture and Equipment	Donation to needy people and organizations through charity organizations	Recognized charity organizations
Carbon and gas emissions	Minimization or prevention	Instructions, regulations, and guidelines
Plastic waste	Minimization or prevention	Instructions, regulations, and guidelines



### Implementation:

- The maintenance unit establishes guidelines and processes for waste management and disposal
- Disseminates guidelines and monitor the process
- Outsource the recruitment of cleaners and workers to manpower agencies
- Raise reports to superiors and the quality assurance committee







# SUSTAINABLE DEVELOPMENT GOALS

## PSU's commitment to SDG 2030

PSU is committed to United Nations' Sustainable Development Goals (SDGs) through effective institutional resource management, innovative teaching and learning, research, national and international partnerships, continuous studies, and outreach. PSU shall undertake the following activities: form higher and steering committees, evaluate each SDG, formulate and develop related SDG policies, conduct awareness campaigns to the PSU community, establish a sustainability office, identify the SDGs related to each college, program, and course, and lab centers at PSU, and implement sustainability-related initiatives.

## Vision

Prince Sultan University strives to support Saudi Arabia's Vision 2030 and the United Nations' Sustainable Development Goals (SDGs) by paving the way for higher education in KSA and Middle East.

## Mission

Supporting the Saudi Arabia's Vision 2030 and the PSU's strategic directions, PSU aligns its mission with SDGs by providing quality education, sustainability initiatives, lifelong learning, scientific research, and community service.

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