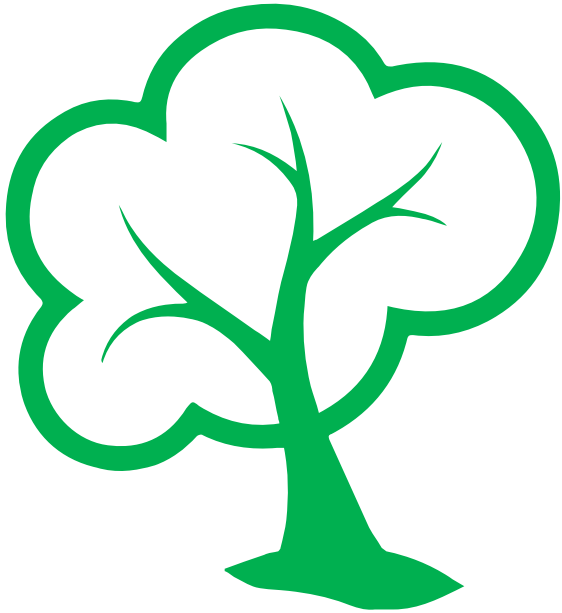


ABDULLAH GUL UNIVERSITY



Campus Waste Management Activities





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Efforts of
Universities in
Turkey

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WASTE MANAGEMENT COMMISSION

Head of the Commission
Dr. Niğmet UZAL

Coordination Team

Dr. Niğmet UZAL

Şeyma DADI

Özlem ÖZCAN

Ayşe GÜL

Student Members

Yasir ÇAKMAK

Beyzanur Köseoğlu

Members of the Commission

Dr. Mustafa Asım AYTEN

Dr. Ali DURAN

Dr. Kevser KAHRAMAN

Dr. Sebiha ÇEVİK KAPLAN

Abdurrahman TEKİN

Adem TOPALOĞLU

Hüseyin ACILAR

COMMISSION SUB-GROUPS

Education

Dr. Kevser KAHRAMAN

Social Media

Dr. Mustafa Asım AYTEN

Data Evaluation

Dr. Sebiha ÇEVİK
KAPLAN

**External
Stakeholders**
Dr. Ali DURAN



PERSON IN CHARGE FOR THE DEPARTMENTS

FACULTIES

Faculty of Engineering	Havva GENÇ
Faculty of Architecture	Derya UÇAR
Faculty of Nature and Life Sciences	Dilber Gamze KUŞÇU
Faculty of Management	Abdullah ALBOSTANLI
Faculty of Humanities and Social Sciences	Tuba ERDOĞAN

DEPARTMENTS DEPENDING ON RECTORATE

Rectorate Office	Volkan ÖZDEN
Internal Auditing Unit	Mustafa PAKSOY
Office of Legal Counsellor	Yasemin BABAYAĞMUR

COLLEGE

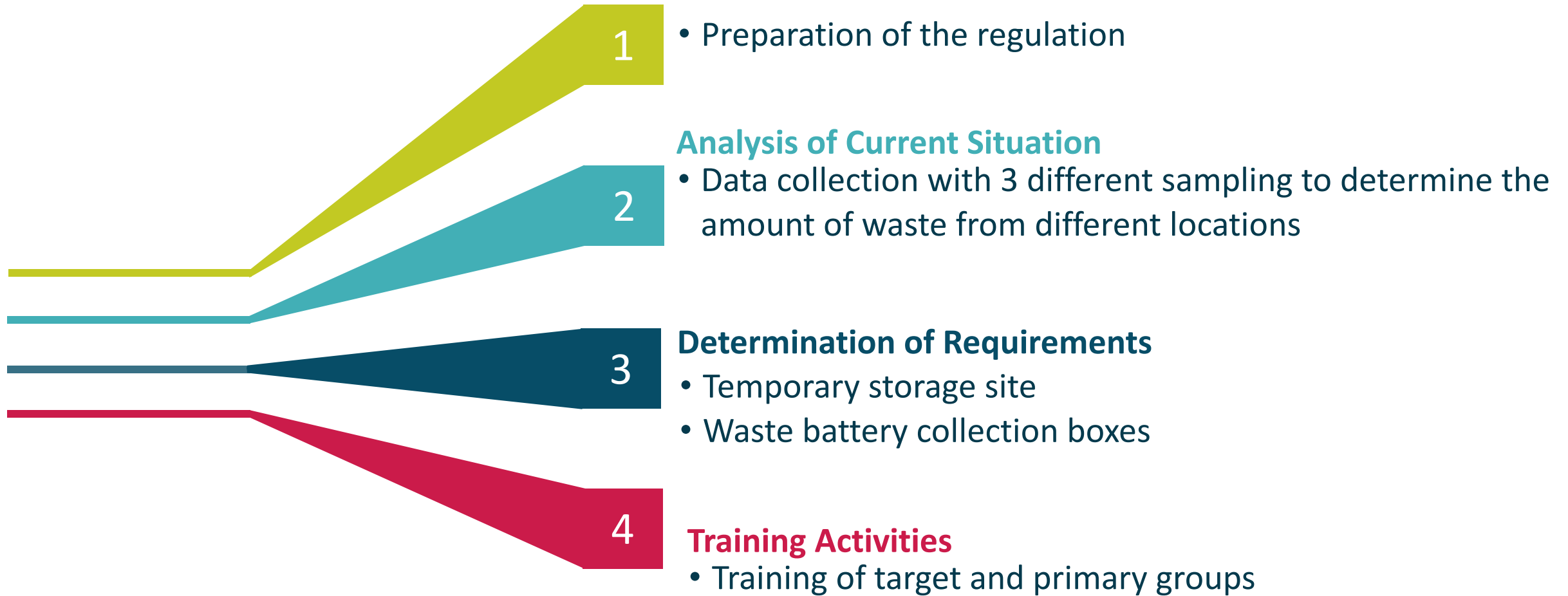
The School of Physical Education and Sports	Hülya ÖZTÜRK
The School of Foreign Languages	Sedef HASŞERBETÇİ

DEPARTMENTS DEPENDING ON GENERAL SECRETARIAT

Department of Strategy Development	Yasin ÖZDEMİR
Department of Personnel	Özkan ÇELİK
Department of Administrative and Financial Affairs	M. Necat SÜTŞURUP
Department of Construction and Maintenance	Abdurrahman TEKİN
Department of Information Technologies	Muzaffer ŞENLİ
Department of Health, Culture and Sports	Adem TOPALOĞLU
Department of Library and Documentation	Ali KURT
Department of Student Affairs	Zeynep ÖZTÜRK
Student Housings	Eyüp GÜLMEZ
Editorial Office	Ebubekir KOÇAK
Directorate of Internal Services	Ünsal KAYA
Directorate of Security Services	Kürşat ARİK

TOWARDS ZERO WASTE

AGU Waste Management Regulation and Fundamentals



1

AGU WASTE MANAGEMENT INSTRUCTOR AND IMPLEMENTATION FUNDAMENTALS

AGU Waste Management Regulation and Fundamentals were prepared by commission members and it entered into force on 25th of September



YÖNETMELİK

Çevre ve Şehircilik Bakanlığı'ndan:

SIFIR ATIK YÖNETMELİĞİ

BİRİNCİ BÖLÜM

Amaç, Kapsam, Dayanak ve Tanımlar

Amaç

MADDE 1 – (1) Bu Yönetmeliğin amacı, hammadde ve doğal kaynakların etkin yönetimi ile sürdürülebilir

kalkınma ilke

hedefleyen :

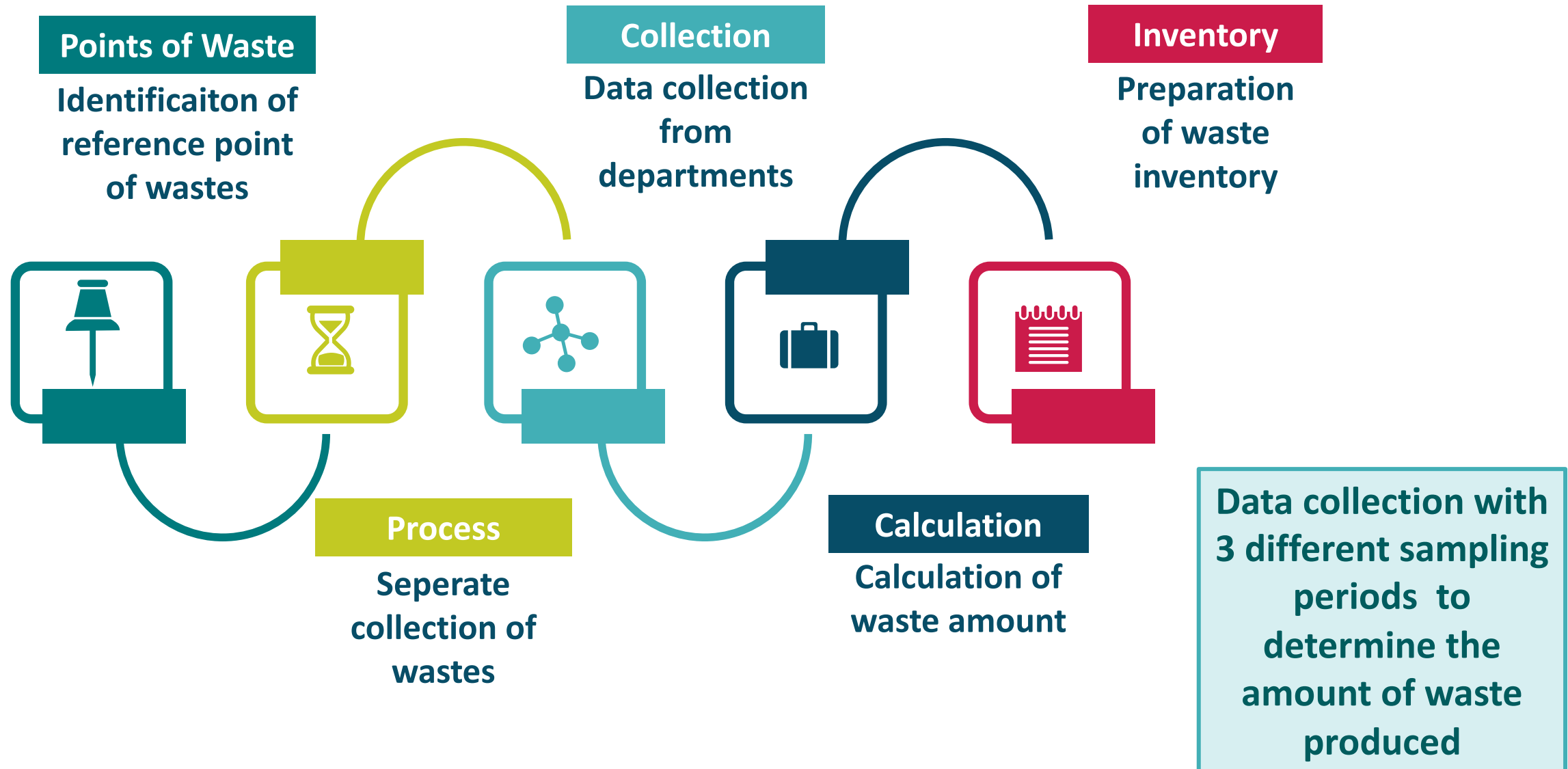
finansmanına,

EK-1

SIFIR ATIK YÖNETİM SİSTEMİNİN OLUŞTURULMASINA YÖNELİK UYGULAMA
TAKVİMİ

	Sıfır Atık Yönetim Sistemine Geçmesi Gerekenler	Sisteme Geçişlerin Tamamlanması için Son Tarih
1.GRUP	<ul style="list-style-type: none">Kamu Kurum ve Kuruluşları	1 Haziran 2020
2.GRUP	<ul style="list-style-type: none">Organize Sanayi BölgeleriHavalimanlarıLimanlarİş merkezi ve Ticari Plazalar 100 ve üzeri ofis/büro kapasiteliAlışveriş Merkezleri 5000 metrekare ve üzeriÇED Yönetmeliği'nin Ek-1 Listesinde Yer Alan Sanayi TesisleriEğitim Kurumları ve Yurtlar 250 ve fazla öğrencisi bulunanlar100 Oda ve Üstü Konaklama Kapasiteli İşletmelerSağlık Kuruluşları 100 yatak ve üzeri kapasiteliAkaryakıt istasyonları ve dinlenme tesisleri300 ve üzeri konuta sahip siteler	31 Aralık 2020

ANALYSIS OF CURRENT SITUATION

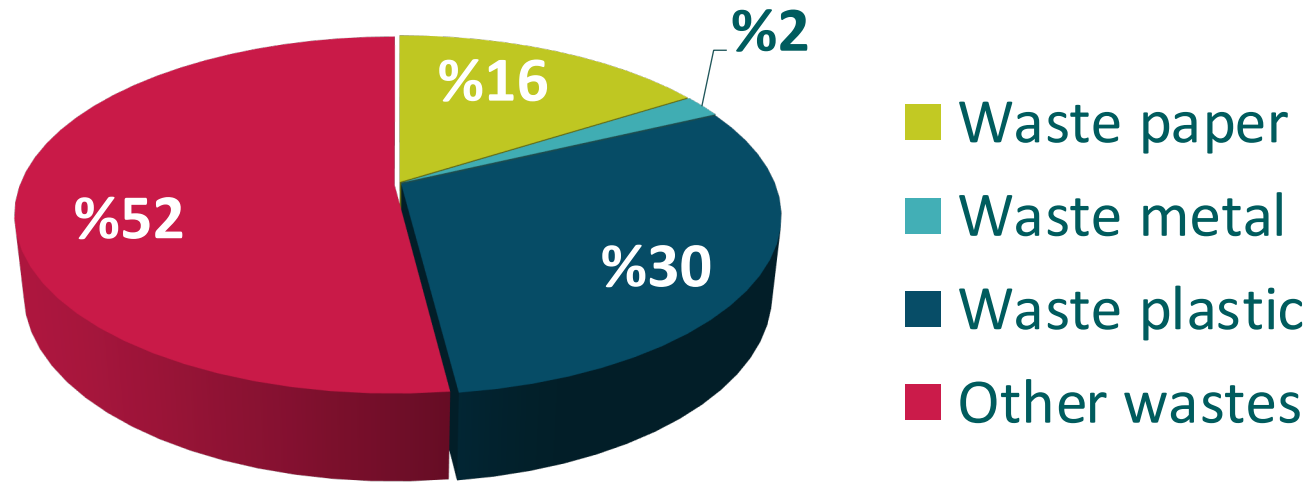


AMOUNT OF WASTES

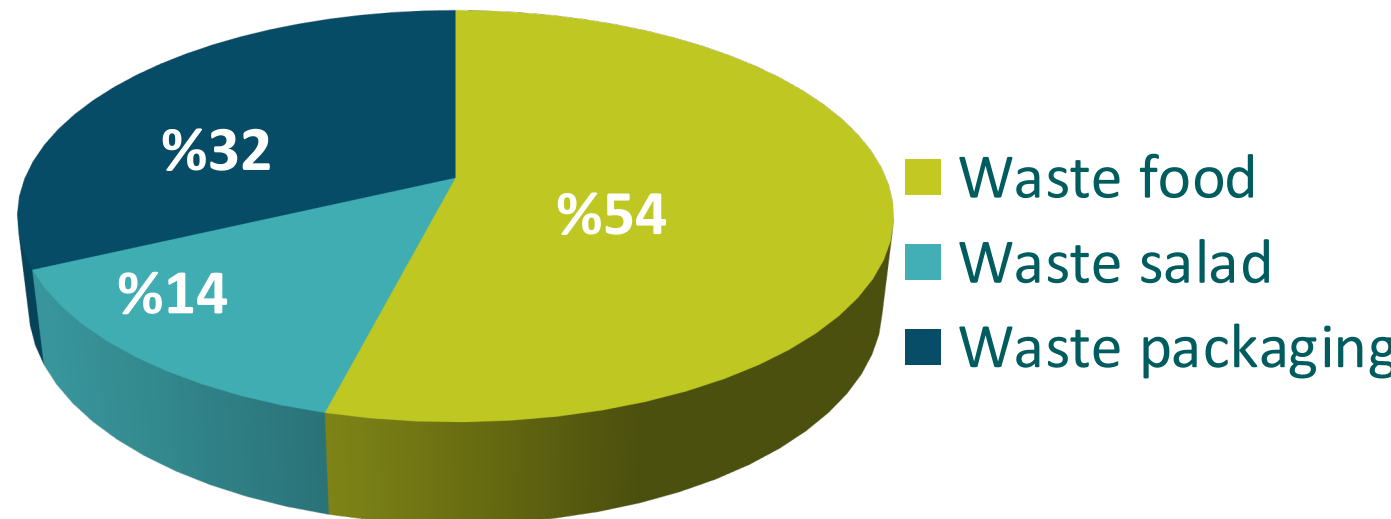
Waste Types	Administrative unit	Academic unit	Student Housings
Waste paper (tons/year)	3,8	1,2	3,8
Waste metal (tons/year)	-	-	1,2
Waste plastic (tons/year)	0,43	0,62	16,5
Waste battery (tons/year)			
Other wastes (tons/year)	-	0,3	29,8

TOTAL AMOUNT OF WASTES

Academic units/Administrative units/Dormitories



Dining Hall



BIODEGRADABLE WASTES

Waste Type	Amount
Dried and broken tree branches	6-7 tons/year
Grass waste	40-70 kg /day (April to November)
Pine cones	20-35 kg/week (April to November)
Tree leaves	10-25 kg/day (November to January)

BIODEGRADABLE WASTES



Amount of biodegradable wastes sent to Solid Waste Landfill
on 22.03.2019: 14 tons

Compost plant?

SITE VISIT TO COMPOST AND SOLID WASTE LANDFILL OF KAYSERI MUNICIPALITY



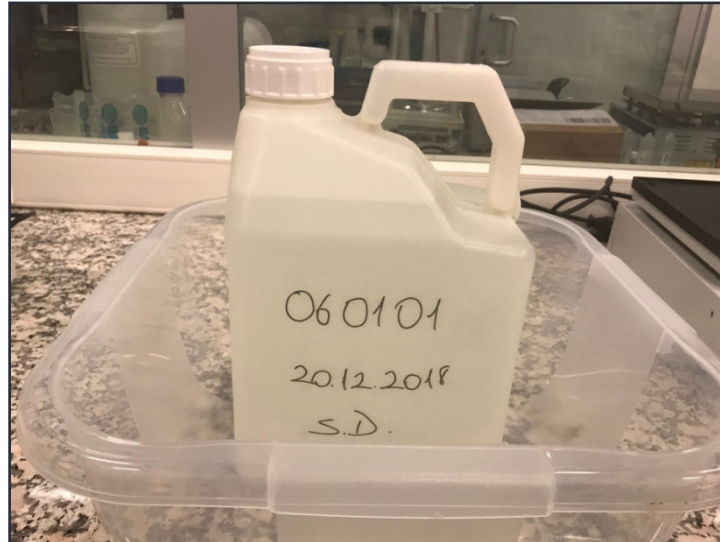
CHEMICAL WASTES

- Approximately 370 L of waste chemicals emerge annually from the university's research and teaching laboratories.
- These chemicals are disposed in appropriate ways by the company with Environmental Permit and License Certificate.
- There is an annual disposal cost of approximately 2000 ₺ depending on the amount of waste.



CHEMICAL WASTES

Existing



Targeted



TEHLİKELİ ATIK ETİKETİ

ATIK ÜRETİCİSİ : _____

ATIK ADI : _____

ATIK KODU : _____

ATIK İÇERİĞİ : _____

DEPOLAMA TARİHİ: _____

TEHLİKE SINIFI

<input type="checkbox"/> E, PATLAYABİLİR	<input type="checkbox"/> F, KOLAY ALEVLERİN OLANABİLİR	<input type="checkbox"/> O, OKSİTELEYİCİ	
<input type="checkbox"/> T, TOKSİK	<input type="checkbox"/> N, GÜRENE (KORUYUCUSUZ)	<input type="checkbox"/> X, ZARARLI	<input type="checkbox"/> C, AĞIR ZARARLI

ATIK ETİKETİ

ATIK ÜRETİCİ FİRMA BİLGİLERİ

Firma Adı: _____

Adres: _____

Tel: _____

Sorumlu Kişi: _____

Atık Çıkartma Tarihi: _____

ATIK BİLGİLERİ

Atık Adı	Atık Kodu
_____	_____

Fiziksel Özellikler

<input type="checkbox"/> Gaz	<input type="checkbox"/> Katı	<input type="checkbox"/> Sıvı	<input type="checkbox"/> Gazlı Sıvı
<input type="checkbox"/> Sıvı	<input type="checkbox"/> Sıvı	<input type="checkbox"/> Sıvı	<input type="checkbox"/> Sıvı

ATIKTA NİT RİSK KOŞULLARI

<input type="checkbox"/> Patlayıcı	<input type="checkbox"/> Koruyucu	<input type="checkbox"/> Toksik	<input type="checkbox"/> Diğer
<input type="checkbox"/> Yırtıcı	<input type="checkbox"/> Aşındırıcı	<input type="checkbox"/> Aşındırıcı	<input type="checkbox"/> Aşındırıcı
<input type="checkbox"/> Yırtıcı	<input type="checkbox"/> Yırtıcı	<input type="checkbox"/> Yırtıcı	<input type="checkbox"/> Yırtıcı

YANGIN RİSKİ

<input type="checkbox"/> 20°C altında	<input type="checkbox"/> 100°C altında	<input type="checkbox"/> 400°C	<input type="checkbox"/> 500°C
<input type="checkbox"/> 100°C altında	<input type="checkbox"/> 100°C	<input type="checkbox"/> 100°C	<input type="checkbox"/> 100°C

SÖNDÜRME EKİPMANLARI

<input type="checkbox"/> Su	<input type="checkbox"/> Köpük	<input type="checkbox"/> Köpük	<input type="checkbox"/> Köpük
<input type="checkbox"/> Köpük	<input type="checkbox"/> Köpük	<input type="checkbox"/> Köpük	<input type="checkbox"/> Köpük

Dikkat Edilecek Hususlar: _____

MEDICAL WASTE

In 2018, a total of 1243 kg of medical waste was collected from the campus by the company designated by the municipality.



WASTE WOOD, IRON-STEEL, ELECTRICAL-ELECTRONIC AND TONER

Waste Types	2016	2018	2019	Waste disposal institution
Toner (kg)	-	140	-	Gep Green Energy
Iron-Steel (kg)	445880	-	63640	MKE
Wood (kg)	9260	-	33480	MKE
Electrical-Electronic (kg)	-	-	480	MKE

CONTAINER EQUIPMENTS



	Steel Building			BA Building	Building operation
	A Block	B Block	C Block		
Number of Recycling Sets	10	9	2	1	1

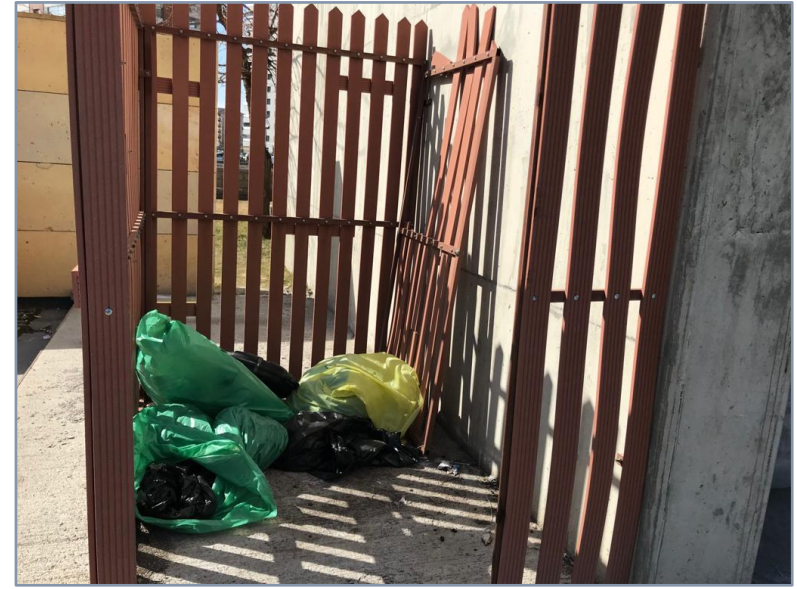


Central Research Laboratory Building	
Number of Recycling Sets	10



	Central Research Laboratory Building	BA Building	Administrative building
Number of Recycling Sets	1	3	1

TEMPORARY STORAGE SITE - CURRENT SITUATION



DETERMINATION OF REQUIREMENTS

- **Temporary storage site**
 - Campus Visit of administrative personel Provincial Directorate of Kayseri
 - Design studies temporary waste management site with Directorate of Construction and Technical Works of AGU
- **Compost Plant**
 - Discussion on compost plant alternatives

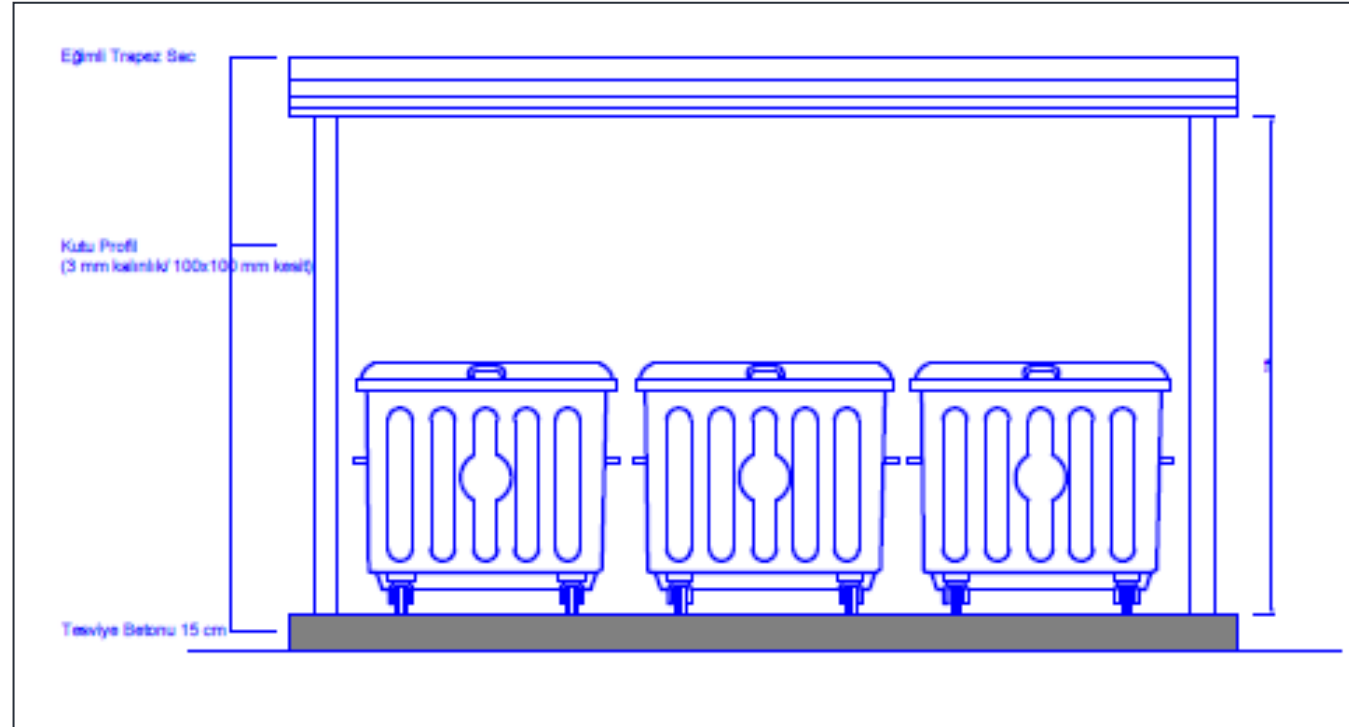
Campus Visit of Administrative Personel Provincial Directorate of Kayseri



TEMPORARY STORAGE SITE - PLANNED



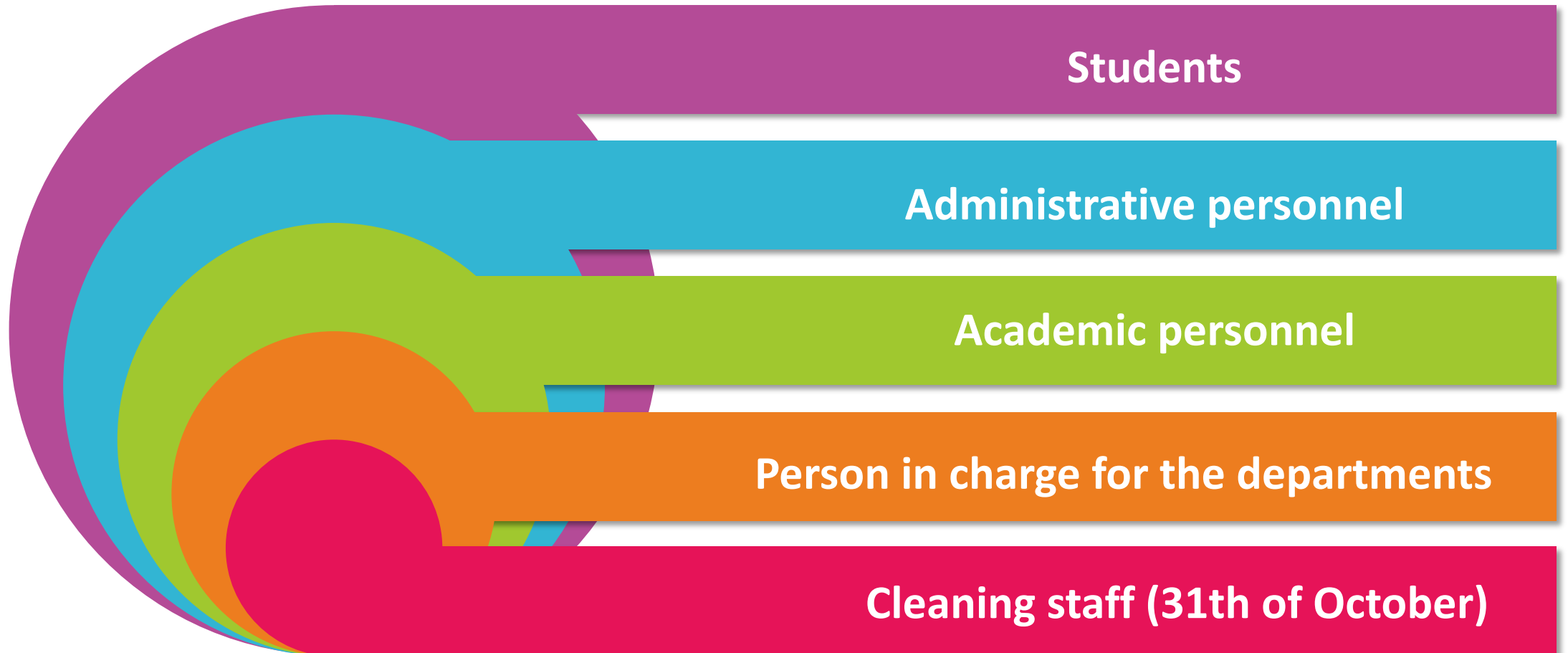
WASTE COLLECTION SITES



WASTE BATTERY COLLECTION BOXES



TARGETED GROUPS



ZERO WASTE MANAGEMENT-KAYSERİ WORKSHOP

