



National Circular Economy Strategy and Action Plan (UDESEP)

**Directorate General of Environmental
Management**

11.02.2025
Ankara



What is Circular Economy?

Circular Economy

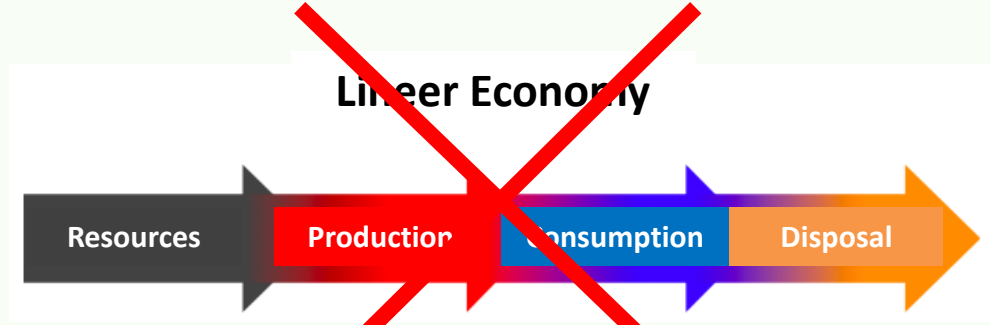


Circular economy aims to,

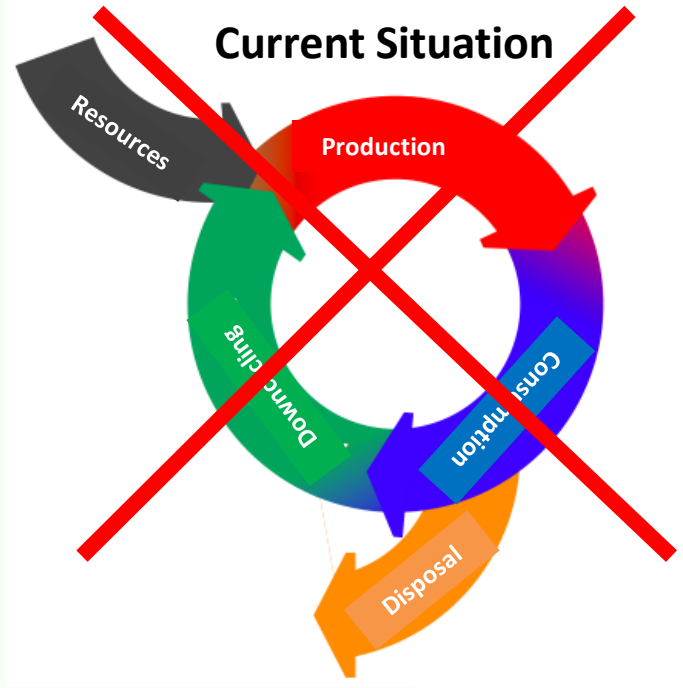
- Redesign products and production processes, minimise waste and recycle unused materials into resources,
- **Maximise the life of products, materials and natural resources,**
- **Increase recycling rates and quality,**
- **Minimise disposal,**
- **Provide energy from renewable sources.**



Linear Economy



Take-Make-Waste economy
Energy entirely from fossil fuels



Recycling rates and quality are low
High disposal rates
High use and waste of natural resources
Energy largely from fossil fuels

National Circular Economy Strategy and Action Plan

To prevent waste generation in our country, to reduce waste, to increase recycling and to leave an environmentally developed Türkiye and a livable world to future generations;

The National Circular Economy Strategy and Action Plan (NCESAP) was prepared with the valuable contributions of our institutions and organisations and under the leadership of our Ministry.

With the Action Plan, the actions and responsible organisations **required for Türkiye's transition to Circular Economy have been determined and timetabled**



Priority Sectors

(Sectors that use the most raw materials, have high environmental impacts and high potential for transition to circular economy)



Packaging



Batteries and
Vehicles



Electronics and Information
and Communication
Technologies



Food and
Biomass



Construction
and Building



Plastic



Textile



National Circular Economy Strategy and Action Plan

STRATEGY AND ACTION PLAN DEVELOPMENT STUDIES



Institutional Workshops
were held



Specialized Working
Group Meetings were
held.



Institutional opinions
were received,
evaluated and
resubmitted for
approval and finalized.



Meetings were held with various institutions of European countries,

- Information and experience were exchanged to be evaluated in the circular economy action plan implementation process.
- Information on **monitoring activities** was provided
- **Application areas** were visited.



National Circular Economy Action Plan Framework

On the road to net zero emission Türkiye by 2053:

- product design and production processes
- consumption of products
- use of secondary raw materials

6 Strategic Areas,
22 Key Objectives,
52 Actions



National Circular Economy Strategy and Action Plan (2025-2028)



Actions and Responsible Institutions

Of the **52 actions** within the scope of the action plan,

- **28** are legislative and
- **24** are non-legislative
 - **infrastructure, technology and innovation**
 - **institutional structure and co-operation**
 - **financing and economic instruments.**

Institution Name	Number of Actions	
	Responsible/Coordinating Institution	Related Institution
Ministry of Environment, Urbanization and Climate Change	26	24
Ministry of Industry and Technology	6	31
Ministry of Agriculture and Forestry	6	15
Ministry of Trade	3	35
Turkish Standards Institute (TSE)	2	6
Ministry of Treasury and Finance	2	3

Implications of the National Circular Economy Action Plan



Particular emphasis on accelerating waste minimisation



Preventing the planned obsolescence of technological products



Preparation for digital product passport



Providing incentives for recycling



Measures to be taken for single-use plastics



Implications of the National Circular Economy Action Plan

Incentive mechanisms for priority sectors to increase "circularity" covering production, consumption and waste management

Circular economy transition support programmes for the development of national and international R&D, technology and innovation support programme projects

Measures for single-use plastics

Increasing the number, functionality and accessibility of civic amenity sites

Many activities ranging from end-of-life vehicles to the control of packaging waste, from ensuring circularity in textiles to the development of infrastructure for food banking

Implications of the National Circular Economy Action Plan



Digital Product Passport

- Legal framework and infrastructure will be established.
- It will include data on the life cycles of products, recycled material content and other data.



New Circular Initiatives

- Promoting the production of circular products
- Legal framework for national implementation of the EU Ecodesign Regulation
- Infrastructure for circular initiatives
- Criteria for green public procurement

Monitoring the National Circular Economy Action Plan

National circular economy monitoring mechanism and indicators will be developed.

A "National Circular Economy Strategy and Action Plan Working Group" will be established under the chairmanship of the Ministry with the participation of relevant institutions and organisations in order to follow up the implementation of the Action Plan, direct the activities and ensure the necessary coordination.



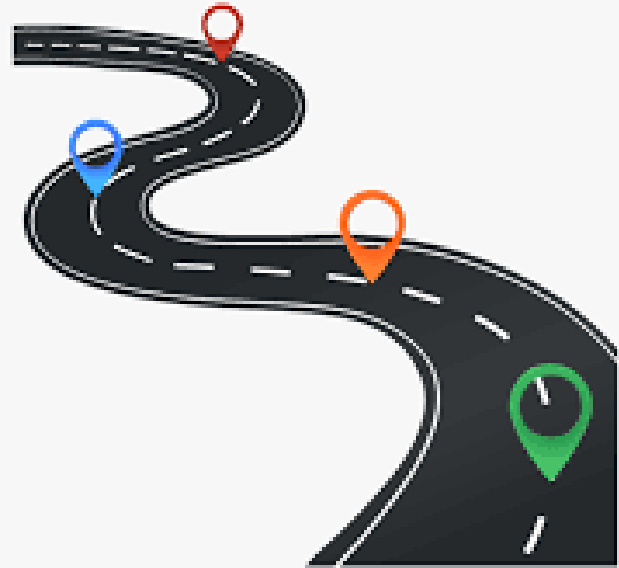


Single Use Plastics, Marine Litter and Microplastics Roadmap

Roadmap for Single Use Plastics, Marine Litter and Microplastics

The roadmap provides a systematic and long-term strategy for the prevention of plastic pollution and a sustainable environment. In this context, the roadmap has been prepared [in order to guide](#) the work of institutions and organisations with duties and responsibilities in the themes of;

- single-use plastics,
- marine litter and
- microplastics.



Roadmap for Single Use Plastics, Marine Litter and Microplastics

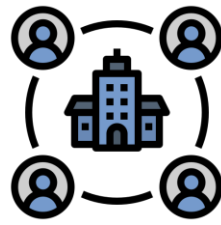
During the preparation process;

- **desktop study,**
- **workshop,**
- **institutional/public survey**

were carried out.

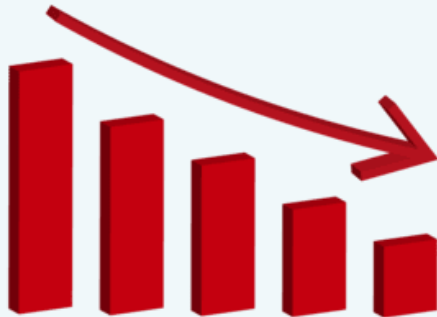


Institutional Survey Results*



The need for action to reduce the amount of single-use plastics in the environment

"Necessary and urgent"

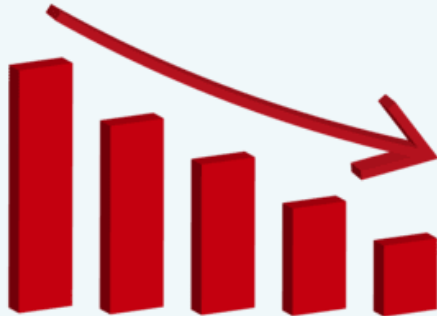


* The Institutional Survey was answered by 657 participants.

Institutional Survey Results*



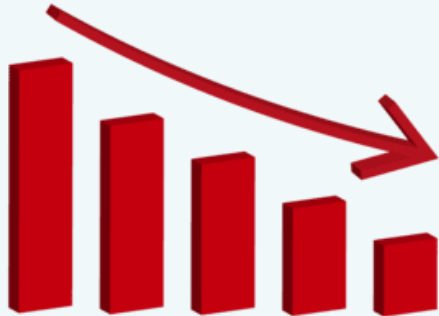
the need for action to reduce the amount of marine litter (including fishing gear) in the seas and on coasts



"Necessary and urgent"

* The Institutional Survey was answered by 657 participants.

Institutional Survey Results*



the need for action
to reduce
microplastic pollution

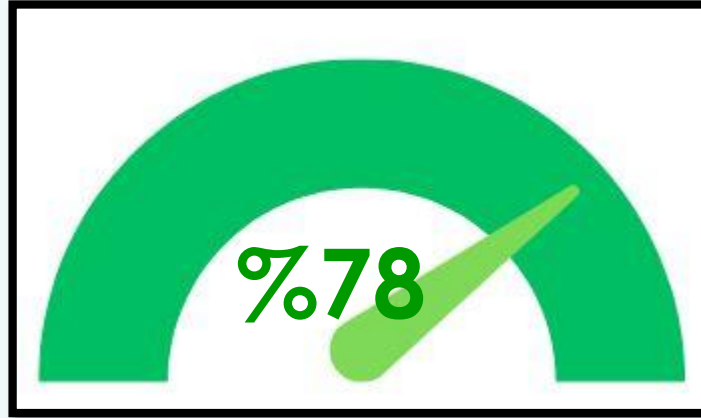
* The Institutional Survey was answered by 657 participants.

Public Survey Results*



- supports the use of
- more environmentally friendly products
 - that can be used multiple times
- instead of single use plastic products.

Public Survey Results*



supports
the reduced use of single-use plastics
in their daily lives.



* Public survey carried out together with TÜİK.

ROADMAP



Short term 3 years
Medium term 8 years
Long term over 8 years



Single-Use
Plastics



Marine
Litter



Micro
plastics



Systematic
and long-
term
strategy

With the road map;

It is aimed to establish;

- ***action plans,***
- ***legislative studies and***
- ***awareness raising measures***

in order to minimise the environmental

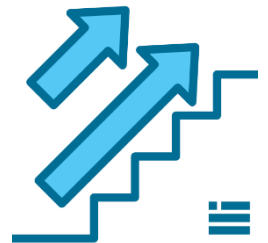
impacts of single-use plastics, marine litter and microplastics within the scope of 45 actions in the short, medium and long term.



Steps to be taken in the next period

IMPLEMENTATION OF NATIONAL CIRCULAR ECONOMY STRATEGY AND ACTION PLAN PROJECT

- Financial Resources: European Union IPA III Funds (2024 Programming Year)
- **Commission Implementation Decision has been published.**
- Objective:
 - Providing support for the implementation of the actions included in the National Circular Economy Strategy and Action Plan, which is planned to be published in 2025,
 - Preparation of circular economy roadmaps for priority sectors **(Textile, Plastics, Packaging, Electronics and IT, Food and Biomass, Battery and Vehicles),**
 - Strengthening circular economy practices in pilot cities to be determined by our ministry for each sector.





A Livable World with Circular Economy and Green Development...

THANK YOU.