



Turkey Waste Market Information System

ECOChem Bilişim ve Kimya Teknolojileri

Mersin University Çiftlikköy Campus Technopark KOSGEB-TEKMER No: Z/04

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With rapid population growth and changing consumption habits, per capita resource use and waste production are increasing, and policies for reusing waste are gaining importance. Recycling of waste concerns the environment as well as the economy. Waste that can not be prevented at the source can be a raw material for other facilities and this shopping can provide economic opportunities for both parties.

However, waste purchase is based on the legal criteria that bind all parties, unlike the exchange of any goods or services. This issue brings with it a significant market problem and the wastes that can be economized are either thrown into the garbage fields or thrown into the surroundings uncontrollably. In our country, more than 30 million tons of waste are generated annually, only 12% of which can be recovered..

TAPBİS is the design and management of a web-based market system that enables the exchange of waste between various sectors in accordance with environmental legislation criteria. TAPBİS is by no means the buyer or broker. The system aims to bring the parties together on a legal basis by providing a fair, competitive, diverse and multi-faceted shopping environment, with the economic impact of the waste on the forefront. Inform the consumers about the alternatives of waste shopping and to present the options of giving the highest value to the waste. Inform the consumers about the alternatives of waste shopping and to present the options of giving the highest value to the waste. and manage this shopping network in accordance with the environmental legislation criteria.

TAPBİS is a closed-loop club structure among large industrial establishments or a system far beyond being a tool that combines industrial facilities and licensed facilities., it has the ambition to create a shopping network that appeals to all parties, including traders and other small waste generators and service companies, who keep all the channels of waste shopping open. That's why the customer segment is very broad.

A - Small waste producers (home, office, school, repair shop, small craftsmen, etc.)

B - Large waste producers (industrial enterprises, commercial and institutional places, etc.),

C - Support companies (waste transportation, tank washing, industrial cleaning, consulting etc.)

D - Sectoral firms (waste collection, intermediate storage, processing, recovery, etc.)

TAPBİS, which provides free service to waste producers, has a number of functions to manage this shopping network such as smart mapping, authorization, filtering, supply / demand creation, identity cloaking, information delivery, intra-site message. Our country's 10th Development Plan, Turkey Industrial Strategy, the National Strategy and Action Plan for Recycling and Waste Management Action Plan in line with the objectives and principles, institutions, associations, occupational chambers and associations, especially TOBB, industrial chambers, industrial chambers and associations are seen as strategic partners in order to contribute to the transition of the cyclical economy and increasing the recovery capacity of our country, all kinds of cooperation options are important.

TAPBİS project was found worthy of receiving the "2017 Sustainable Business Award" in the field of waste management.