



TURKEY MATERIALS MARKETPLACE

The Turkey Materials Marketplace is a cloud-based platform designed to facilitate cross-industry materials reuse among Turkish companies & communities

<http://turkey.materialsmarketplace.org> (english and turkish)

One critical component of a circular economy is business-to-business materials reuse; matching used materials, by-products and undervalued resources across industries to find viable reuse options that retain and add value to materials above and beyond traditional waste disposal, as well as recycling solutions.

The result? A continuously evolving redesign of systems to establish higher value circular flows of materials.

The circular economy in Turkey could be a 15 to 27 billion \$ (USD) opportunity



Potential circular economy net value for four major industries in Turkey

In Turkey, according to the United Nations Framework Convention on Climate Change, industrial processes and the waste sector accounted for 14.27 percent and 8.23 percent of total GHG emissions in 2012, respectively. A circular market focus in these two sectors in Turkey can help:

- 1 remove barriers to improved waste and materials management; and
- 2 help industry achieve greater resource efficiency and subsequently lower GHG emissions

To address this materials flow opportunity, the European Bank for Reconstruction & Development (EBRD) has engaged the United States Business Council for Sustainable Development (US BCSD) and the Turkey BCSD (SKD Türkiye) in launching the Turkey Materials Marketplace, a cloud-based platform designed to facilitate cross-industry materials reuse among Turkish companies and communities.

The EBRD is providing funding support for the first two years of the project under the NØW Programme, which supports waste minimization projects in the Turkish industry and municipal sectors, and aims to catalyze change in Turkey's waste management framework under the circular economy concept.



NØW

NEAR ZERO WASTE



The project is based on a secure marketplace software platform through which project members will be invited to share materials data from their operations. With assistance from the project team, companies will then work collaboratively to identify, evaluate and implement material reuse opportunities.

The Marketplace provides a way for companies to align material streams and serves an important convening role. It amplifies the voices of like-minded businesses seeking to understand and reform the regulatory environment, and serves as a proving ground for companies to brainstorm new supply chain pathways for reusing materials.

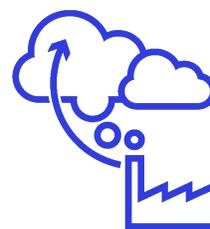
Over the past 20 years the Materials Marketplace process has broken down barriers to cross-industry collaboration and has helped companies identify opportunities to minimize waste and create efficiencies.



The Materials Marketplace platform offers easy information sharing, material reuse opportunity identification, and transaction support. The Marketplace platform won the 2016 World Economic Forum's Circulars Digital Disruptor Award.



Businesses participating in Materials Marketplace projects are able to realize financial benefits from both disposal savings and the low-cost sourcing of recycled/reused feedstocks.



For governments, the Materials Marketplace has proven to be an invaluable tool not only in the pursuit of regional landfill diversion targets, but also as a carbon reduction strategy and economic development driver.

Organization



European Bank
for Reconstruction and Development

The EBRD is an international financial institution that supports projects from central Europe to Central Asia and the southern and eastern Mediterranean. Investing primarily in private sector clients whose needs cannot be fully met by the market, the Bank fosters transition towards open and democratic market economies.



SKD Türkiye is a business-led non-profit association launched in 2004 to help Turkish companies understand and implement sustainable development into their daily business practices.



Pathway 21 is a partner organization of the US BCSD created to develop, deploy and manage Materials Marketplace projects around the globe.



United States Business Council
for Sustainable Development



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The views, opinions, assumptions, statements and recommendations expressed in this Project are those of the Consultant and do not necessarily reflect the official policy or position of the EBRD or the Donor.