

סביבה בידיים טובות بطبيعتنا نهتم

Keeping Our Environment Safe



Waste
Management



Green
Technologies



Environmental
planning and
architecture



Development
and Construction



Aggregates
and Stones



Group Profile



TECO Group was founded in 1997 and has developed into the leading player in waste management and environmental care in Israel. TECO handles all waste types and provides services throughout Israel. TECO operates with responsibility, awareness, fairness and innovation.

TECO Group is a full or partial owner of a large number of companies and enterprises covering a wide range of activities:



Dry waste management – planning, construction and management of advanced and environmentally friendly end-solutions for sorting and recycling of dry waste. Restoring old quarries through landfill operations.



Mixed waste management – planning, construction and management of advanced end-solutions, such as waste sorting facilities, compost plants and waste-to-energy facilities.



Green technologies – Computerizing and E-Commerce of construction and demolition waste, development and application of separation and recycling technologies, development of products based on recycled materials, and medical waste sterilization technology.



Environmental planning – Design and project management in the agricultural sector (cowsheds, chicken sheds, packing houses, etc.), environmental planning (recycling sites, sorting plants and dry and/or mixed waste landfills), quarries, as well as residential, commercial and industrial architecture.



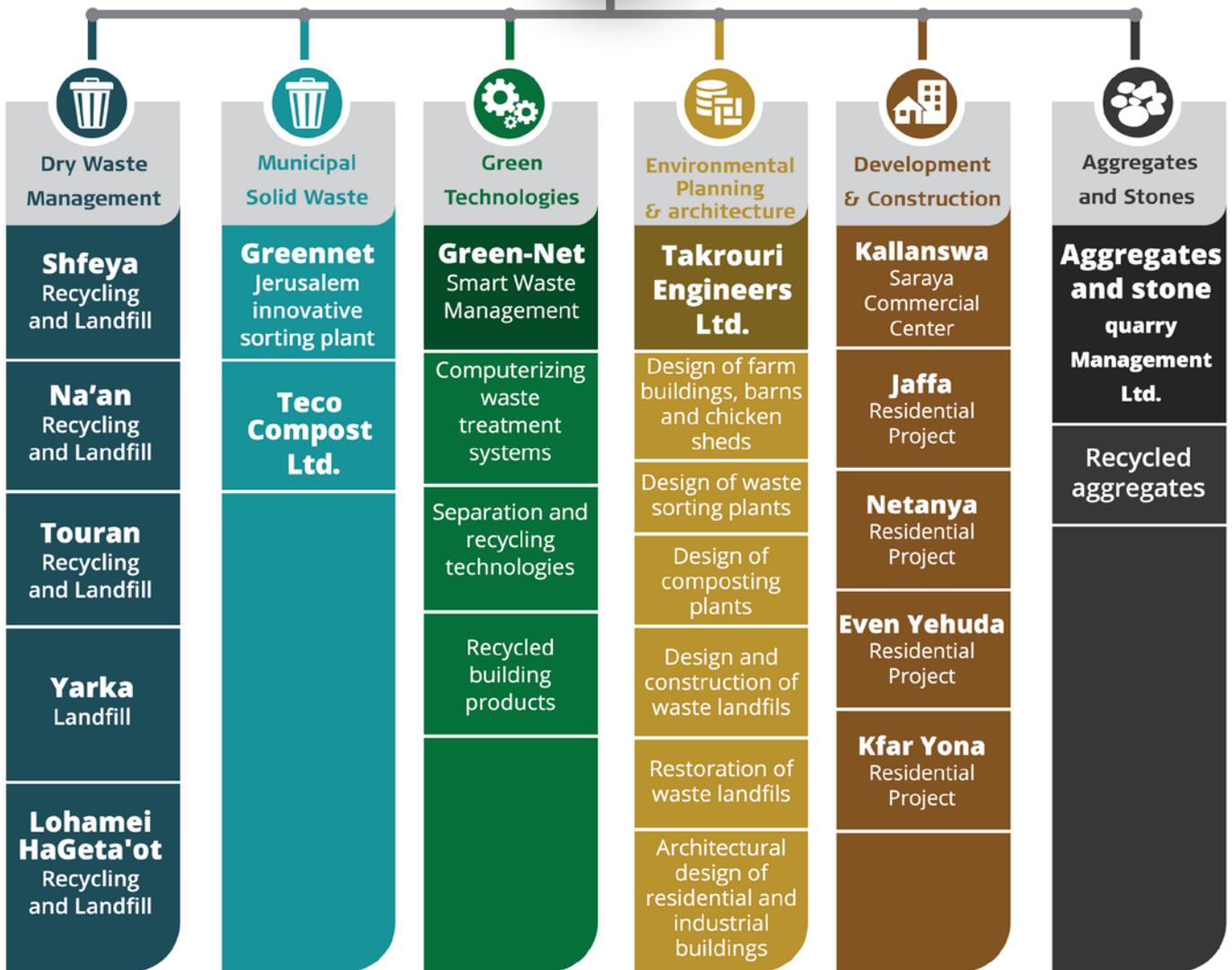
Real estate and Construction – Entrepreneurship, construction and project management for residential, commercial and industrial real estate.



Aggregates and stone – Marketing of high quality aggregates, natural stone and marine stone. Production and marketing of recycled aggregates.



Group Structure





Dry Waste Management

TECO Group is Israel's leading player in sorting, recycling and landfilling of dry waste.

Dry waste is waste that contains non organic biodegradable components or hazardous materials.

Its components include:

- Construction and demolition waste originating from new construction and renovations;
- Industrial and commercial waste that contains non remains;
- Construction waste and excavated soil, originating from road and infrastructure construction;
- Quarrying waste;
- Bulky waste collected from municipal streets, such as furniture and various discarded objects.

TECO Group's landfills and recycling sites handle industrial, construction and demolition waste using advanced sorting and recycling technologies. The materials that arrive to the sites are sorted, and high-quality recyclables such as wood and plastic are sent for recycling. In addition, up to 90% of the construction waste is recycled into aggregates that are then marketed to the infrastructure and construction industry.

All TECO Group sites are authorized by The Ministry of Environmental Protection, and are allowed to provide e-commerce of construction and demolition waste available for those wishing to receive building permits and use permits from zoning committees.

The group's engineers specialize in developing dedicated solutions for each type of waste.





TECO Group co-owns and operates the following landfills and recycling sites:

Shfeya recycling site and landfill

"Tut" in Shfeya - a landfill and recycling site operating since 2007. Located near Zichron Yaakov, close to Highway #6 and the coastal road, it is authorized to handle construction and demolition waste, industrial waste, bulky waste and asbestos. The site is equipped with an advanced recycling system that produces about 1,000 tons of recycled aggregates a day. The landfilling operation is designed to restore areas of Shfeya Quarry, where the quarrying potential has been exhausted.



Naan recycling site and landfill

The location of the Naan site, operating since 2010, is conveniently accessible to Highway #6, road #1, road #431, and the railway. The site handles, sorts and recycles dry waste, and is authorized to handle construction and demolition waste, industrial waste, bulky waste and asbestos. The site's advanced recycling system produces about 1,000 tons of recycled aggregates a day. It is the largest landfilling reserve in Israel's central area, allowing the gradual restoration of an old quarry.



Turan recycling site and landfill

The Turan site, operating since 2010, was modelled on advanced landfills and recycling sites around the world. It is the primary landfill and recycling center in the Galilee and northern valleys area, and the largest in the northern part of Israel. The site, located near the Golani intersection, is authorized to handle construction and demolition waste, industrial waste and bulky waste. The landfilling is designed to restore parts of a quarry where the quarrying potential has been exhausted.



Yarka landfill

The site, operating since 2010, provides a key solution for construction and demolition waste and bulky waste in the Western Galilee area, including Karmiel, Acre and Nahariya. It is designed to restore an old quarry which has become a major environmental nuisance.



Lohamei HaGeta'ot recycling site and landfill

The site, designed to serve the whole Western Galilee and Northern Coastal Plain as the primary recycling center in the area, is authorized to handle construction and demolition waste, industrial waste, bulky waste and asbestos. It will include facilities equipped with advanced sorting and recycling technologies for the treatment of dry waste.



Municipal Solid Waste



Greenet – Jerusalem innovative sorting plant

TECO Group planned, built and operates in Jerusalem Israel's first of its kind plant for sorting and recycling mixed and separated at the source municipal solid waste. The plant is located on 22 hectares in the Atarot Industrial Area. The plant's size is 9,000 square meters and its capacity is approximately 1,500 tons of waste per day.

Planned by the German company "Sutco Recycling Technik", the plant is equipped with the most advanced solid waste sorting and recycling technologies. These technologies include automatic systems and an optical waste separation technology, applied by "Tomra" and allowing maximal automation of the sorting process.

To reduce environmental impact the plant employs advanced leachate and air treatment technologies, much like Europe's leading plants.

The new plant is revolutionary in regards to waste treatment and recycling in Israel. The advanced sorting technology and control system enable control over both the sorting systems and the quality of products exiting the sorting line.

The plant promotes a landfilling reduction policy set by the Ministry of Environmental Protection, and was awarded financing in a public appeal launched by the ministry.

An anaerobic digestion plant, designed for electrical power generation using bio gas produced from the organic waste will be built adjacent to the Greenet plant.

The plant was built and is operated in cooperation with YSB - Ya'acobi Brothers Group.





TECO Compost Ltd.

TECO Group is building an indoor compost site, the first of its kind in the region, which will use advanced technology for the production of high quality compost while maintaining current environmental regulations.

Composting is a process in which organic materials derived from flora and fauna undergo decomposition under controlled conditions. The product is a high quality compost that can be returned to the soil to enrich it.

The site, intended to handle sludge from wastewater treatment facilities and organic waste, is located in an area where the weather is hot and dry, allowing continuous production of high quality compost all year round.

The site is uniquely designed to provide a comprehensive regional solution.





Green Technologies

Green-Net – Smart Waste Management Ltd.

TECO Group initiates, plans and implements smart solutions in the field of waste management, recycling and environment protection in Israel. The group has thorough knowledge of existing waste treatment processes, and is working on developing, optimizing and improving current technologies and methods.

Computerizing waste treatment systems:

TECO Group develops and manages modular and smart computer systems for modular smart waste management, including collection systems, transport, landfill management and reporting, thus providing innovative tools for control and management of landfills and recycling sites.

The Green-Net system operates online and constitutes a first of its kind platform in Israel for e-commerce of construction and demolition waste, available for those wishing to receive building permits and certificates of occupancy.

Separation and recycling technologies:

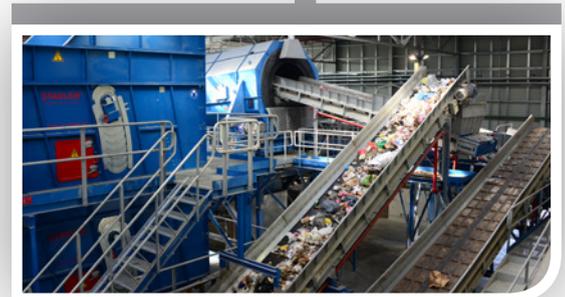
Separation and recycling are designed to minimize the amount of waste in landfills, and special facilities are being built for that purpose. TECO Group has extensive experience in designing separation and recycling systems and in the application of advanced technologies. The group specializes in developing dedicated technological solutions and adapting them to the specific type of waste. TECO Group has business relationships with most of the leading companies worldwide which are producing advanced technologies for waste separation and recycling, based on mechanical, optical and biological means.

Recycled building products:

TECO Group develops building products made from more than 50% recycled material. TECO Group is currently in the process of developing bricks and flooring materials, based on recycled materials extracted from the group's sites.



www.GreenNet.co.il



Environmental planning and architecture



Takrouri Engineers Ltd.

TECO Group is one of the leading firms in the field of environmental planning and architecture, including planning agricultural structures such as cowsheds and chicken sheds, residential, commercial and industrial structures, waste recycling plants, waste sorting plants and compost plants, as well as planning, constructing and restoring of landfills.

Environmental planning and architecture projects are carried out by TECO Group's planning and engineering branch, **Takrouri Engineers Ltd.**, founded in 2002 as an engineering firm that provided planning and project management services. The group's design team works on various kinds of plans, in all statutory hierarchy, from national outline plans to zoning issues and building permits.

The plans are submitted to the zoning committees and the process is accompanied by the team until they get approved.





Development and Construction



תכרורי מהנדסים בע"מ
Takrouri Engineers L.T.D

Takrouri Engineers Ltd.

TECO Group is well established and active in the development and construction of residential, commercial and industrial real estate in Israel. The group managed, designed and built dozens of turnkey units across Israel.

Development and construction activities are performed by **Takrouri Engineers Ltd.**, The company that has a high contractors' classification (C-4), and offers a unique designing approach and innovative outlook, enabling it to combine creative ideas with various building styles typical to each area of the country.



Kfar Yona



Even Yehuda



Kallanswa,
Saraya Business
and Commercial
Center



Netanya



Jaffa

Aggregates and Stones



Aggregate & Stones Quarry management Ltd

TECO Group markets natural and recycled aggregates.
The group has an exclusive contract for the sale and marketing of the products of "Teenim" quarry - a manufacturer of high quality aggregates from dolomite.

The quarry products are used mainly as raw materials for concrete mixes, road asphalt, bricks and seaport boulders. The quarry products are produced according to the highest standards, audited regularly by a strict quality control system as part of the company's ISO9001 certification.

The product portfolio is wide and includes the following materials:



8.5-18.5 mm



4.5-8.5 mm



Mixed aggregates
0-10 mm



Cladding stone



Boulders



18.5-23 mm

The group also focuses on the manufacture and marketing of high quality recycled aggregates at its various sites, including Naan, Turan, Lohamei HaGeta'ot and Shfeya.





Group Members



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