

LAGEDO CORPORATE PRESENTATION

LAGEDO GERİ DÖNÜŞÜM ÇÖZÜMLERİ ENERJİ VE MADENCİLİK DİŞ TİC. A.Ş

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ABOUT LAGEDO

Founded in 2020 for recycling end-of-life tires, LAGEDO has the capacity to recycle 50,000 tons of truck and car tires per year at its 14,000 m² production facility in Kocaeli-Kartepe.

The most important feature that distinguishes LAGEDO from others is that end-of-life tires are recycled with an eco-friendly technology contributing to the circular economy.

Mission: Bringing the end-of-life tires back to the circular economy with a zero-waste approach

Vision: Making a difference in the waste management sector with eco-friendly practices



ENVIRONMENT AND SUSTAINABILITY

At LAGEDO, water-jet and mechanical grinding technologies are used.

The production process does not involve any step that could harm soil, air or water. 90- 95% of the water used in the process is treated and recovered to be reused in production.

LAGEDO protects the environment and contributes to reducing the carbon footprint thanks to the cleantechnology they use.

At LAGEDO, the components found in end-of-life tires are recycled without losing their properties. Offering high - performance products, Lagedo reduces production costs in many industries.

With their sustainable practices, Lagedo contributes to the circular economy and creates employment opportunities.

Lagedo supports Global Sustainable Development Goals.



TECHNOLOGY



At Lagedo, the amount of tires fed into the process is equal to the amount of commercial products obtained for sale. The tires are brought back to the economy with an eco-friendly technology.

Swiss patented UHP water jet technology (Water Pulse™) is superior to conventional technologies used in the industry, in terms of both the product performance and its ability to utilize all the components of a tire. LAGEDO is the first and only recycling company to bring this technology to Turkey.

In order to take water jet technology even further, Lagedo continues its laboratory and field studies together with the patent holder Tire Recycling Solutions SA.

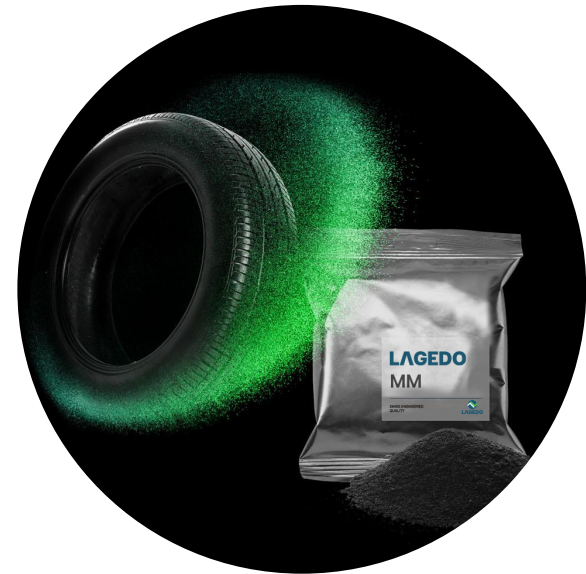
The rubber powder obtained through this technology can be mixed with rubber dough in the most effective way, thus it can be used in new tire production.

PRODUCTS

ELTs pose a great threat to nature and human health if disposed of unconsciously. But, they're transformed into high value-added products with LAGEDO's sustainable production process.

At Lagedo, end-of-life tires are processed using physical methods to separate rubber, metal and fiber. Products with various features and areas of usage are offered.

Industry-leading equipment in tire recovery is combined with advanced tire processing techniques. That's how Lagedo offers low-cost & high-performance raw materials to many industries.



 **Rubber Powder**

 **Granules**

 **Steel Wire**

AREAS OF USAGE



Rubber powder is a raw material for many applications, especially new tire production, asphalt, shoe soles, insulation solutions, automotive spare parts and roof membranes.

Lagedo's product range includes rubber powder as well as granules obtained from mechanical shredding lines. The main areas of use of the granules are playgrounds, walking paths and floor tiles.

Also, the tire wire separated during the process is used in the construction industry, automotive industry, infrastructure works and electronic goods production.



COLLABORATIONS

Türktay[®]
TÜRKİYE'DE TÜM YÖNLERİYLE ATIK YÖNETİMİ



IREMCON
International Environmental Conference

Recycling
INDUSTRY MAGAZINE

 **TAYÇED**
Tüm Atık ve Çevre Yönetimi Derneği

 **trs**
TYRE RECYCLING SOLUTIONS



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