

TURN-KEY
AUTOMATIC

WASTE SORTING PLANTS

THE POWER OF
RECYCLING



www.benli.com.tr

benli
RECYCLING
TECHNOLOGIES

Two large, thick green arrows are positioned in the top right corner. One arrow points to the left, and the other points to the right, with a slight curve to their paths.

**MAKE YOUR
INVESTMENT IN THE
RIGHT PLANT WITH
THE RIGHT
PROCESS
ENGINEERING**



MAXIMISE YOUR RETURN OF INVESTMENT WITH 55+ YEARS OF WASTE MANAGEMENT EXPERIENCE



Benli offers integrated and tailor-made solutions with its experienced squad of solid waste management experts.

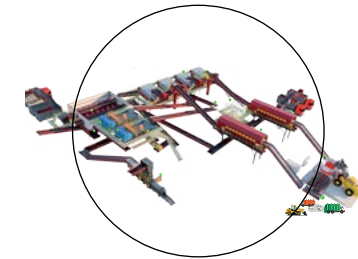
Benli continues its activities by employing more than 250 people in 6 production centers in 2 different countries with a total area of more than 50.000m².

Benli operates in the fields of solid waste management services, wooden pallet recycling, EPDM rubber recycling, end-of-life tire recycling, turn-key solid waste sorting plant contracting, and the manufacturing of individual sorting equipment.

Thanks to its modern facilities and expert team, Benli, which focuses on customer satisfaction, quality service, and sustainability, has also brought an innovative perspective to the sector with the machines, systems, and processes it has developed by closely following the developments in the waste management sector globally.



6 Manufacturing Centres
in
2 Countries



Process Guarantee



Performance Guarantee



Availability

We stand with you in all processes of Waste Sorting Plants.



MUNICIPAL AND INDUSTRIAL SOLID WASTE MANAGEMENT SYSTEMS

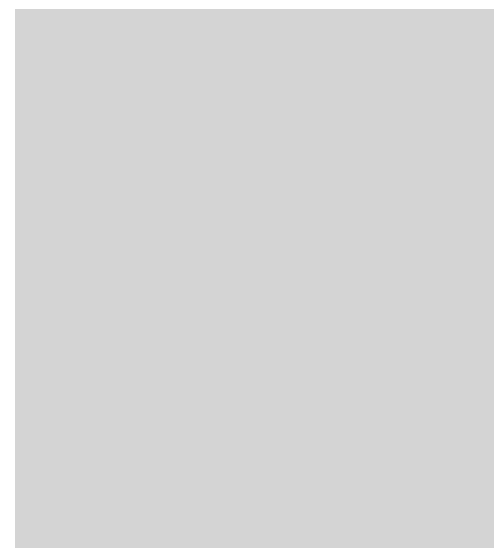
With more than half a century of our experience; we increase the value of your investment with services such as engineering, design, planning, production, commissioning, guarantee and long-term supervision for waste sorting plants, one of the rising investment areas.

- Municipal Solid Waste
- PET / Mixed Plastic Waste
- Lightweight Packaging Waste
- RDF / SRF Preparation
- Waste to Energy

WE DON'T JUST OFFER A WASTE SORTING PLANT, WE ALSO OFFER OUR 55+ YEARS OF WASTE MANAGEMENT EXPERIENCE

Benli integrates over 55 years of experience in the waste and recycling sector into the facilities it builds for clients in Türkiye and around the world. Benli offers unique facility construction solutions for the sorting of municipal solid waste, plastic waste, packaging waste, and industrial waste, as well as the preparation

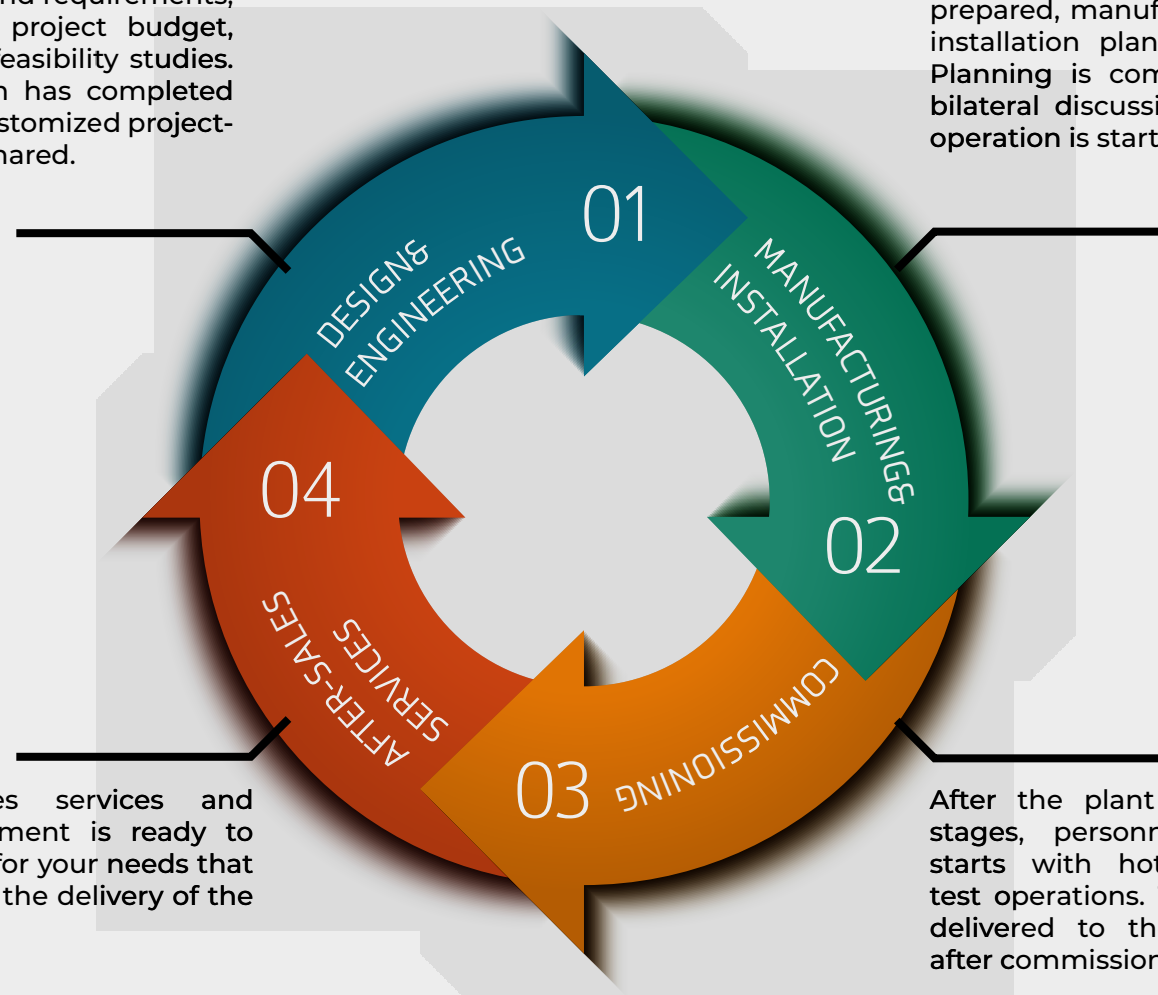
of SRF/RDF. With its waste management experience, advanced process engineering, design capabilities, performance and availability guarantees, and dynamic after-sales services, Benli provides turn-key solutions that meet the needs of the recycling sector from a single source.



MAKE YOUR INVESTMENT IN THE RIGHT PLANT WITH THE RIGHT PROCESS ENGINEERING

Your needs are thoroughly assessed. Our design and engineering team prepares an optimized plant design tailored to your needs and requirements, calculates the project budget, and conducts feasibility studies. Once our team has completed their work, a customized project-based offer is shared.

Our after-sales services and project department is ready to offer solutions for your needs that may arise after the delivery of the plant.



Following the project confirmation after the correct process and budget plans are prepared, manufacturing and installation plans are made. Planning is completed after bilateral discussions and the operation is started.

After the plant installation stages, personnel training starts with hot and cold test operations. The plant is delivered to the customer after commissioning.

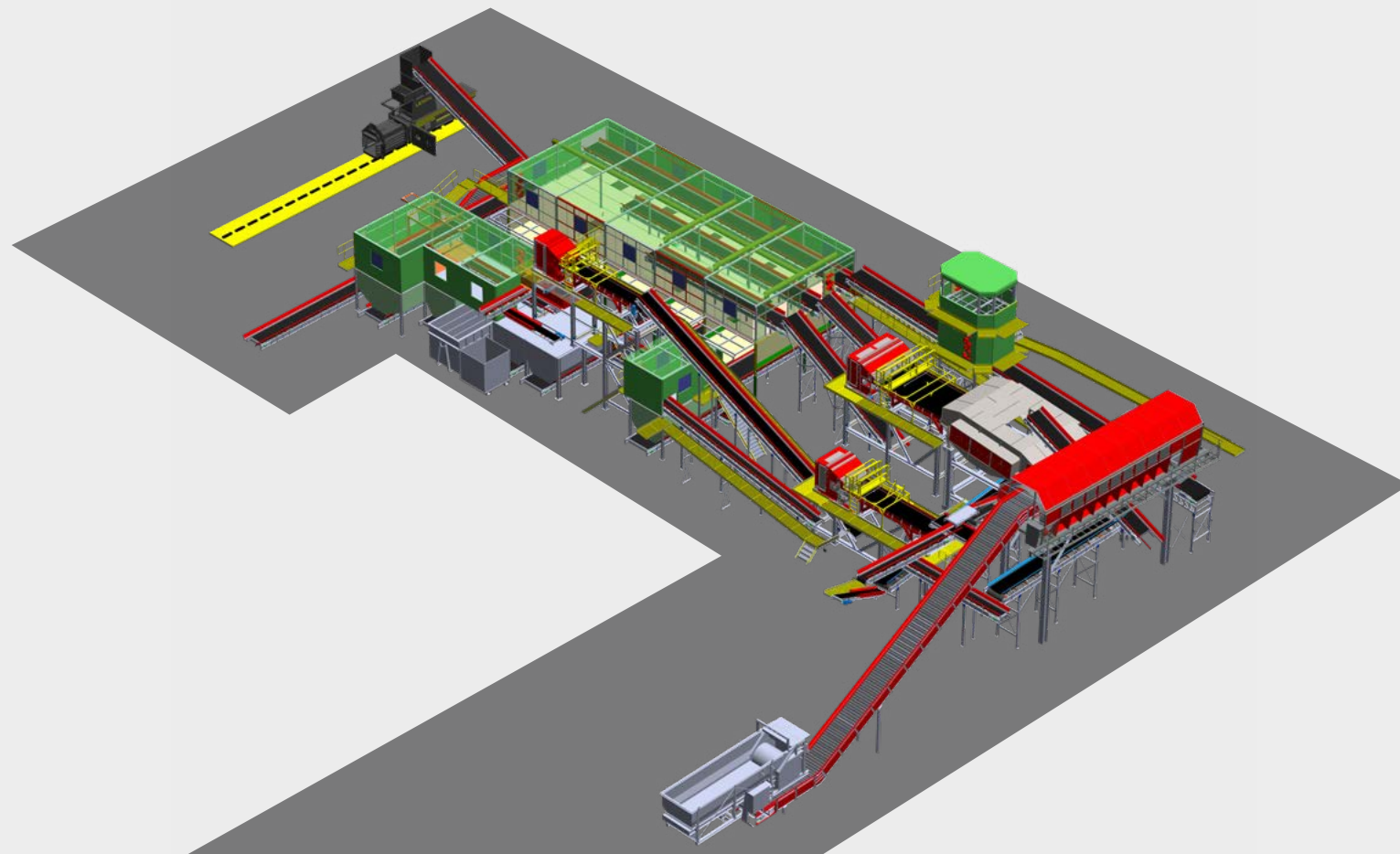


Benli integrates 55+ years of experience in the waste and recycling sector into the plants it builds for its customers in Türkiye and around the world. Benli offers unique plant-building solutions for sorting municipal solid waste, plastic waste, packaging waste, industrial waste, and RDF preparation. Thanks to its waste management experience, advanced process engineering, design capabilities, performance and availability guarantees, and dynamic after-sales services, Benli provides turn-key solutions that will meet the needs of the recycling industry from a single source.

TURN-KEY
AUTOMATIC

PACKAGING WASTE SORTING PLANT

BENLİ OFFERS TAILOR-MADE SOLUTIONS TO VALUED CUSTOMERS SYNTHESIZING ITS DEEP EXPERIENCE COMING FROM YEARS OF SOLID WASTE TREATMENT OPERATION AND EXPERT ENGINEERING & DESIGN TEAM. THESE SOLUTIONS OFFER ADVANCED AVAILABILITY RATES UP TO 90% PER YEAR AND AT DIFFERENT CAPACITIES AND FULL OPTIMIZATION.



THE POWER OF RECYCLING



1
**AUTOMATIC CONTROL
(SCADA) ROOM**



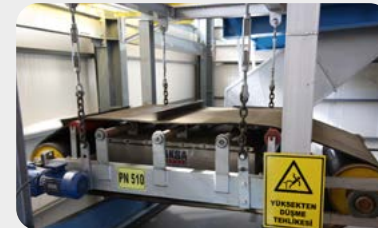
2
**TIPPING
FLOOR**



3
**BAG OPENING &
DOSING**



4
**TROMMEL
SCREEN**



5 6
**MAGNETIC
SEPARATOR**



7
**BALLISTIC
SEPARATOR**



8
**OPTICAL SORTER
2D FRACTIONS
(PE FILMS)**



9
**OPTICAL SORTER
3D FRACTIONS
(PE-PP PLASTICS)**



10
**OPTICAL SORTER
3D FRACTIONS
(PET PLASTICS)**



11
**EDDY CURRENT
SEPARATOR**



12
FILM SUCTION UNIT



13
**AUTOMATIC BUNKER
SYSTEM**



14
**HORIZONTAL
BALE PRESS**



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ENGINEERING

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