

Building recycling societies

Toyota Gosei uses resources effectively and contributes to a recycling society by reducing waste volumes*1 and water usage and designing products that are easily recyclable.

*1 We are currently attempting to reduce waste volumes for the minimization of industrial waste as set forth in the TG 2050 Environmental Challenge.

Basic philosophy

To move closer to the recycling society, or circular economy, envisioned in the TG 2050 Environmental Challenge, Toyota Gosei aims to minimize industrial waste and water risks. We have set 2030 targets as milestones, and are making every effort to use resources effectively, reducing materials usage and waste volumes through thorough sorting and the

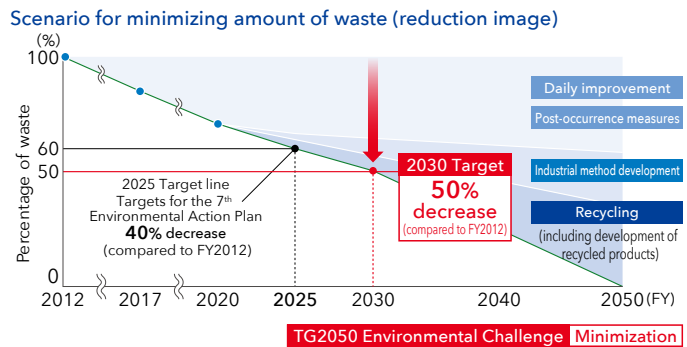
design of easily recyclable products.

Frequent water shortages and floods have become a major problem in all parts of the world. We are attempting to identify these risks in every country and region where we have operations while also striving to give back to the community by reducing water usage, recycling water, and releasing cleaner wastewater.

Waste reduction

• Establishment of 2030 milestones

We have set and are working toward 2030 milestones to achieve the targets in the TG 2050 Environmental Challenge. For this we are developing products and materials that minimize remnants and waste and are easy to recycle, and thoroughly sorting them in plants.



• Development of product recycling technology

We develop and design easily recyclable products and materials with thought to the entire lifecycle of automobiles. We are also developing recycling technology for waste material.

Development of technology for end-of-life vehicle parts recycling

Key items	Measures implemented
New recycling	<ul style="list-style-type: none"> •Composite material separation technology •New recycling technology (high quality material recycling)
Use of recycled materials in vehicles	<ul style="list-style-type: none"> •End-of-life vehicle recycling technology •Development of applications for recycled materials
Product design for easy recycling	<ul style="list-style-type: none"> •Product design for easy dismantling •Materials and composition changes for easy recycling

• Reduction of waste materials in the production stage

To reduce waste in production processes, we are combating waste at its source and recycling. We have also started a waste reduction project with coordination among plants and production technology, materials technology, and product design departments to strengthen efforts to combat waste at its source. At each plant, we are reducing waste through *genchi-genbutsu* (go and see), identifying items for reduction with the help of external experts, and implementing rubber, plastic, and liquid reductions.

Study sessions are also held to promote waste reduction at both domestic and international Group companies.

Amounts of waste generated and disposed of (results for FY2020: Toyota Gosei Co., Ltd.)

