

Seventh Environmental Action Plan (FY2021–FY2025)

The 7th Environmental Action Plan formulated, laying out targets for 2025 on the way to achieving the TG 2050 Environmental Challenge and 2030 milestones.

Theme

Implementation measures and targets

Building a Decarbonized Society

◆Reduction of CO₂ emissions

CO₂ reductions over the entire product lifestyle

• Development of products for BEVs, FCEVs and other electric vehicles

• Lightweight products that lead to improved vehicle fuel and electricity efficiency, design and development of LED-applied products

• Development of environmentally-friendly products in conjunction with materials and parts manufacturers

• Product design for easy assembly and disassembly

Reduction of CO₂ at plants

• Daily *kaizen* for thorough elimination of waste in plants

• More efficient equipment (upgraded utilities and air conditioning, etc.)

• Development and introduction of innovative manufacturing methods and processes

• Introduction and expansion of renewable energy

Development of new technology

• Development and consideration of CO₂ capture and energy usage

CO₂ emissions at plants/percentage of renewable energy

	Item	2025 target	*(Reference) 2030 targets	TG 2050 Environmental Challenge
Global, consolidated	CO ₂ emissions (Scope1+2)	25% decrease vs. 2015	Carbon neutrality	Carbon neutrality
	CO ₂ emissions (Scope3)	—	27.5% decrease vs. 2019 (Category1)	Carbon neutrality
	Percentage of renewable energy	12%	100%	100%

*Targets changed in August 2023

Distribution

Reduction of CO₂ emissions through transport efficiency

	Item	2025 target	(Reference) 2030 targets
Toyoda Gosei	CO ₂ basic unit	10% decrease vs. 2015	15% decrease vs. 2015

◆Reducing emissions of greenhouse gases (6 gases)

Promoting alternatives to magnesium, LED manufacturing gas

	Item	2025 target
Toyoda Gosei	6 gases emissions	Maintaining current status

Building a Recycling Society

◆Reductions in waste

Products

• Engineering and technical development of products that are easily recyclable for effective use of resources

• Reductions in raw materials with lighter weights

Plants

• Raising yield to counter sources of emissions

• Waste reduction activities to minimize material remnants and waste

• Recycling of rubber and plastic

• Moving toward zero landfill waste overseas

	Item	2025 target	(Reference) 2030 targets	TG 2050 Environmental Challenge
Toyoda Gosei	Waste volume	40% decrease vs. 2012	50% decrease vs. 2012	Minimization
Overseas affiliates	Waste volume per sales unit	50% decrease vs. 2015	55% decrease vs. 2015	

Distribution

• Reduction in packing materials by reviewing packing and packaging specifications

• Use of nature-derived materials and utilization of packing materials that use recycled materials

Theme	Implementation measures and targets				
Building a Recycling Society	◆Reducing water risks				
	• Visualization of water risks and reduction of loss				
	• Reduction in amount of water used by recycling wastewater				
	• Installation of wastewater treatment facilities for cleaner wastewater				
		Item	2025 target	(Reference) 2030 targets	TG 2050 Environmental Challenge
High-risk areas	Water quality (4 sites)	Measures implemented at 2 sites	Measures completed at all 4 locations		Minimization of water risk
	Water intake amount (7 sites)	Measures implemented at 3 sites	Measures completed at all 7 locations		
Low-risk areas	Water intake per sales unit	6% decrease vs. 2019	11% decrease vs. 2019		
Environmental Preservation and Building Environmentally-Friendly Societies	◆Control/reduction of substances of concern				
	• Promotion of global control				
	◆Reduction of VOCs				
	• Substitution of paint, washing thinners				
	• Amounts of these substances are optimized and decreased with new and reconsidered processes				
		Item	2025 target	(Reference) 2030 targets	
	Toyoda Gosei	VOC emissions per sales unit	Maintaining current status	Maintaining current status	
	◆Reduction of exhaust gases				
	• Adoption of low exhaust vehicles				
	◆Environmentally-friendly activities for biodiversity				
• The Toyoda Gosei Group promotes woodland maintenance, biotope creation, tidal flat preservation and more					
• Activities in conjunction with government authorities, NPOs, and the Toyota Group					
• Promotion of “No Net Loss of Greenery” activities					
		Item	2025 target	(Reference) 2030 targets	TG 2050 Environmental Challenge
Global, consolidated	No. of activities	Implementation of nature activities (>1 time/year)			
Toyoda Gosei	Area of green restoration	+18% restoration compared with 2019	+35% restoration compared with 2019	100% restoration	
Environmental Management	◆Environmental contributions to the community				
	• Working together with and contributing to local communities through environmental activities				
	• Environmental education for students and young children				
Environmental Management	◆Social contribution activities and support for related projects				
	• Community beautification with a global cleanup				
	• Support for related projects (Shirakawa-Go Eco-Institute, Japan Business and Biodiversity Partnership, Owari Seibu Ecosystem Network)				
Environmental Management	◆Consolidated environmental management				
	• Enhancement of consolidated environmental management activities globally				
	• Legal compliance management and activities to prevent environmental problems				
	• Activities to reduce environmental impacts				
	◆Coordinated environmental activities with business partners				
Environmental Management	• Environmental activities in conjunction with materials and parts manufacturers and other suppliers				
	• Compliance with environmental laws and improved environmental performance at suppliers				
	◆Conducting employee training and education activities globally				
	• Systematic environmental education				
	• Activities to raise employees’ environmental awareness				
• Information dissemination and educational activities for employees using newsletters and other means					
Environmental Management	◆Sharing environmental information outside the company and engagement				
	• Information disclosure through annual report, other means				
	• Information disclosure through environmental surveys by the media, NGOs, and government agencies				
Environmental Management	• Engagement with stakeholders				
	◆Environmental activities in coordination with external organizations				
Environmental Management	• Participation in and support for environmental activities by the Japan Auto Parts Industries Association, Japan Rubber Manufacturers Association and others				