

FY 2019 Environmental Activities Summary Results for the 6th Environmental Action Plan (2016 to 2020)

Tokai Rika has established the “6th Environmental Action Plan” to guide its environmental activities, has set specific figures as its targets, and is working toward achieving them. We successfully achieved all of our targets in FY 2019.

	Action items		FY 2019 activities results	FY 2019 target value	FY 2019 results	Assessment	Reference page
Establishing a Low-carbon Society	Promotion of more compact and lightweight designs for products	<ul style="list-style-type: none"> Promotion of more compact and lightweight designs Development of new products / technologies in response to new energy trends Understanding and visualization of CO₂ emissions in the life cycles of principal products 	<ul style="list-style-type: none"> More compact and lightweight 	—	—	○	▶ P.48
	Reduction of CO ₂ emissions	<ul style="list-style-type: none"> Use or development of low- CO₂ production engineering CO₂ reduction by daily improvement activities 	<ul style="list-style-type: none"> Improvement of production equipment through an Energy Saving Subcommittee Horizontal development for energy-saving improvement Horizontal development for example cases of Karakuri mechanisms Awareness activities (Exhibitions, Outstanding Example Award) Introduction of renewable energy 	Tokai Rika Group 91.3 t-CO ₂ / 100 million yen	Tokai Rika Group 85.3 t-CO ₂ / 100 million yen	○	▶ P.48
	Reduction in greenhouse gases	<ul style="list-style-type: none"> Management of non-energy related greenhouse gases Reduction in emission of SF₆ gas used in magnesium alloy casting 	<ul style="list-style-type: none"> Substitution for SF₆ in magnesium alloy casting processes 	—	—	○	▶ P.51
	Pursuit of efficient transportation in logistics activities and reduction of CO ₂ emissions	<ul style="list-style-type: none"> Promotion of CO₂ reduction activities by further improving transportation efficiency 	<ul style="list-style-type: none"> Improvement of transportation efficiency by reviewing the routes Improvement of transportation efficiency by improving the packaging 	Tokai Rika 1.261 t-CO ₂ / 100 million yen	Tokai Rika 1.178 t-CO ₂ / 100 million yen	○	▶ P.51
Establishing a Society in Harmony with Nature	Reduction of environmentally hazardous substances in production activities	<ul style="list-style-type: none"> Continuous management of PRTR Law substances and promotion of reduction activities 	<ul style="list-style-type: none"> Reduction in consumption of PRTR substances Reduction in emission of VOCs 	—	—	○	▶ P.52
	Enhancement of the management of chemical substances in products	<ul style="list-style-type: none"> Enhancement of the management of chemical substances contained in products based on regulatory trends in each country and region, and promotion of switch to substances with a lower environmental load 	<ul style="list-style-type: none"> Promotion of lead-free soldering Switch to products that do not contain regulated substances 	—	—	○	▶ P.52
	Promotion of environmental preservation / conservation of biodiversity	<ul style="list-style-type: none"> Promotion of environmental preservation / conservation of biodiversity in accordance with the biodiversity guidelines shared by All Toyota and the needs of each region Implementation of education that is rooted in the local community and makes use of offices and in-the-field locations in each region 	<ul style="list-style-type: none"> Tree-planting, conservation activities of Satoyama, and elimination of alien species Participation in All Toyota cooperative activities 	—	—	○	▶ P.53
	Promotion of social contribution activities that will assist the establishing of a society in harmony with nature	<ul style="list-style-type: none"> Active social contribution through links with local communities, and promotion of volunteer activities Enhancement of grants to environmental activities 	<ul style="list-style-type: none"> Social contribution and volunteering through links with local communities 	—	—	○	▶ P.53
Establishing a Recycling-based Society	Promotion of product designs and technological developments to make recycling easy	<ul style="list-style-type: none"> Promotion of more recyclable product designs and the use of more recyclable materials 	<ul style="list-style-type: none"> Improvement of ease of disassembly by reviewing design Promotion of the use of recycled materials 	—	—	○	▶ P.54
	Reduction of waste in production activities and efficient use of natural resources	<ul style="list-style-type: none"> Waste reduction by daily improvements, and use or development of waste reduction production engineering 	<ul style="list-style-type: none"> Improvement of production yields Promotion of 3R (reduce, reuse, recycle) activities 	Tokai Rika 2.28 t / 100 million yen	Tokai Rika 1.76 t / 100 million yen	○	▶ P.54
	Reduction of the use of water in production activities	<ul style="list-style-type: none"> Promotion of continuous reduction activities for water consumption, taking into consideration the situation regarding the aquatic environment in each country and region 	<ul style="list-style-type: none"> Use of recycled water (semiconductors, plating processes) Risk assessment of water 	—	—	○	▶ P.55
	Effective use of resources and reduction of packaging and wrapping materials in logistics activities	<ul style="list-style-type: none"> Promotion of improvement centered on making wrapping materials returnable and lightweight 	<ul style="list-style-type: none"> Reduction of packing and wrapping materials by reviewing packing methods Making packing materials reusable 	Tokai Rika 0.596 t / 100 million yen	Tokai Rika 0.535 t / 100 million yen	○	▶ P.55
Environmental Management	Enhancement and promotion of consolidated environmental management	<ul style="list-style-type: none"> Enhanced environment committee activities of different countries and regions for environmental performance improvement Compliance with the environment-related laws of different countries and regions, and strengthening of environmental risk prevention activities 	<ul style="list-style-type: none"> Enhancement and promotion of consolidated environmental management Acquisition of EMS external certification at production bases Appropriate treatment of PCBs 	—	—	○	▶ P.56
	Promotion of environmental activities in cooperation with business partners	<ul style="list-style-type: none"> Enhancement of further cooperation with suppliers and promotion of global activities to improve the environment together 	<ul style="list-style-type: none"> Deployment of environmental information to partner companies Actual-location study activities with partner companies 	—	—	○	▶ P.57
	Enhancement of global employee education / awareness activities	<ul style="list-style-type: none"> Promotion of awareness regarding environmental preservation, through global environmental education 	<ul style="list-style-type: none"> Environment for training key persons through education Development of awareness activities during environment month 	—	—	○	▶ P.58
	Improvement of the urban air environment in each country and region	<ul style="list-style-type: none"> Expansion of the introduction of low-emission vehicles in each country and region 	<ul style="list-style-type: none"> Expansion of the introduction of low-emission vehicles 	—	Tokai Rika 56.7%	○	▶ P.58
	Proactive disclosure of environment information and enhancement of communication activities	<ul style="list-style-type: none"> Further enhancement of the content of information disclosure related to environment Enhancement of environmental communication activities in each region 	<ul style="list-style-type: none"> Issuance of the Tokai Rika Report and Eco Data File Hosting of local social gatherings 	—	—	○	▶ P.59