

CSR FOCUS AREAS

Customer Satisfaction and Quality Management (Car Maker/ General Customers and Dealers)

Employee Health and Safety Management

Climate Change and GHG Management

Employee Value Creation

Focus 05

Integrated Environmental Management

Community Involvement and Development

Transparency and Business Ethics

Win-win Supply Chain Partnership

Managerial Issue	2018			2019			
	Goals	Achievements	Completion	Goals	Plans	Deadline	Responsible Team
Tire design/raw materials	Establishing a chemical management system through process improvement	· Proposed a dedicated organization for chemical management · Improved chemical management process and created an inventory	🚩	Establishing a chemical management system through process improvement	· Establish an IT system and devise a plan to operate an IT system.	Dec.	A task force for chemical management system improvement, R&D Corporate Management Team
	Conducting LCA	· Selected a plant (Daejeon) and products for LCA	🚩	Updating LCA results for domestic plants	· Conduct LCA for two products at the Daejeon plant	Jul.	CSR Team
	Eco-design	· Re-examined items subject to eco-design	🚩	Re-defining green products and re-establishing targets	· Re-define eco-friendly products · Set mid-/long-term targets for the percentage of eco-friendly products	Oct.	CSR Team, Product Planning Team, Global TBR Marketing Operations Team
Tire use/disposal	Developing energy-saving curing technology	· Optimized the pressure for nitrogen gas supply in manufacturing PCR and LTR tires	🚩	Developing energy-saving curing technology	· Manufacture and evaluate TBR tires for the test purpose	Dec.	Material Development Team 2
	Identifying eco-friendly materials and developing technology with the application of the materials	· Developed compound technology with renewable raw materials applied · Manufactured compounds by applying reclaimed butyl rubber and green carbon ²⁾ and completed temporary production	🚩	Identifying eco-friendly materials and developing technology with the application of the materials	· Sustain efforts to develop compound technology with the application of renewable raw materials · Expand the application of compounds with reclaimed butyl rubber and green carbon	Dec.	Material Research Team 1, Material Development Team 1, Raw Material Development Team
	Manufacturing lightweight tires	· Optimized the structure of existing products · Achieved optimal groove depth of stud tires	🚩	Manufacturing lightweight tires	· Apply lightweight structure to other tire products	Dec.	RE Competency Project
Managing the work environment	Reducing waste and increasing recycling	· The 2018 intensity of waste discharged: 43.1kg/ ton of finished product	🚩	Reducing waste and increasing recycling	· Intensity of waste discharged: 40kg/ ton of finished product or less	Dec.	EHS Planning Team
		· Increased waste recycling at the Daejeon and Geumsan (percentage of recycling: 78.9%) · Recycled 100% of treated wastewater at the Daejeon plant	🚩	Recycling resources	· Conducted a study to reduce factory odors at the Daejeon plant	Dec.	DP)Safety & Environment Team
	Proactively responding to strengthened environmental laws	· Conducted activities and studies to ease odors at the Daejeon plant	🚩	Proactively responding to strengthened environmental laws	· Install high-efficiency denitrification facilities	Dec.	KP)Safety & Environment Team
		· Increased the efficiency of the CFRTO and CRCO (equipment reducing factory odors) at the Daejeon plant	🚩		· Improve hazardous chemical management	Dec.	KP)Safety & Environment Team
		· Expanded the installation of odor/dust reduction equipment (W/S) in the mixing process at the Daejeon plant	🚩		· Continue the installation of odor and dust reduction equipment in the mixing process at the Daejeon plant	Dec.	EHS Planning Team
		· Increased the installation of odor/dust reduction equipment (W/S) in the calendaring process at the Geumsan plant	🚩		· Continue the installation of odor and dust reduction equipment in the calendaring process at the Geumsan plant	Dec.	EHS Planning Team
		· Overhauled local ventilation systems for mixers at the Daejeon and Geumsan plants	🚩		· Upgrade local ventilation systems used in the mixing process at the Daejeon and Geumsan plants	Dec.	EHS Planning Team
	· Conducted R&D activities for new equipment (a complex wet EP system)	🚩	· Improve sand filters at wastewater treatment facilities (at the Daejeon plant)	Dec.	DP)Safety & Environment Team		
	Achieving shared growth with local communities	· Held meetings of the Donggrami consultation group for shared growth at the Daejeon plant (once)	🚩	Achieving shared growth with local communities	· Held meetings of the Donggrami consultation group for shared growth at the Daejeon plant	Dec.	DP)Safety & Environment Team
· Had meetings of a consultation group for the environment at the Geumsan plant (five times)		🚩	· Continue the operation of a consultation group for the environment at the Geumsan plant		Dec.	KP)Safety & Environment Team	

1) The name of the goal changed from 'Identifying new materials and developing application technology'
2) Green carbon means recovered carbon black generated from pyrolyzed waste tires.