

The Sixth Toyota Auto Body Action Plan – Action Items and Targets

The Sixth Toyota Auto Body Action Plan																				
Area	Action items	Specific action items and goals																		
Product environment	Low carbon	Promote development of next-generation vehicles that use electrical energy	<ul style="list-style-type: none"> •Promoted development of fuel cell components that will contribute to improving the performance of and expanding the use of fuel cell vehicles •Improved COMS products and developed new products for expanding use of super-compact EV 																	
		Develop and commercialize lightweight technology for improving vehicle fuel efficiency	<ul style="list-style-type: none"> •Promote lightweight body design through streamlining construction •Proliferate lightweight bodies by switching to lightweight, high-strength materials 																	
	Recycling	Further introduce and promote recycle design that considers effective resource use	<ul style="list-style-type: none"> •Incorporated easy-disassembly structures that are suitable for the ways that recycled plastic is used and the conditions of market recycling, as well as for new technologies and materials 																	
		Promote new businesses to invest in building a recycle-oriented society	<ul style="list-style-type: none"> •Developed plant-fiber materials using materials from woodland thinning and other sources, and expanded the uses of these materials 																	
Management	Reduce life-cycle burden on the environment through active planning toward Toyota ECO-VAS* ECO-VAS: System for comprehensive evaluation of environmental impact from production through use and scrapping	<ul style="list-style-type: none"> •Toyota Motor Corporation and Toyota Auto Body are implementing vehicle environmental assessment (Eco-VAS) for model changes and new vehicles. 																		
Production environment	Low carbon	Reduce CO2 emissions from production activities	Reduction in production CO2 emissions	<table border="1"> <thead> <tr> <th>Area</th> <th>Item</th> <th colspan="2">Target(FY2020)</th> </tr> </thead> <tbody> <tr> <td>Global*1</td> <td>Emissions per vehicle</td> <td>Comparison with FY 2001</td> <td>17% reduction</td> </tr> <tr> <td rowspan="2">Toyota Auto Body</td> <td>Emissions per vehicle</td> <td>Comparison with FY 2001</td> <td>17% reduction</td> </tr> <tr> <td>Emissions</td> <td>Comparison with FY 1990</td> <td>10% reduction</td> </tr> </tbody> </table>		Area	Item	Target(FY2020)		Global*1	Emissions per vehicle	Comparison with FY 2001	17% reduction	Toyota Auto Body	Emissions per vehicle	Comparison with FY 2001	17% reduction	Emissions	Comparison with FY 1990	10% reduction
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		Reduction in greenhouse gas emissions (other than CO2)	<table border="1"> <thead> <tr> <th>Area</th> <th>Target(FY2020)</th> </tr> </thead> <tbody> <tr> <td>Toyota Auto Body</td> <td>Identification of emissions (HFC, PFC, SF6, N2O, CH4)</td> </tr> <tr> <td>Consolidated subsidiaries*2</td> <td></td> </tr> </tbody> </table>		Area	Target(FY2020)	Toyota Auto Body	Identification of emissions (HFC, PFC, SF6, N2O, CH4)	Consolidated subsidiaries*2											
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	Recycling	Reduce waste materials and make effective use of resources in production activities	Reduction in waste materials	<table border="1"> <thead> <tr> <th>Area</th> <th>Item</th> <th colspan="2">Target(FY2020)</th> </tr> </thead> <tbody> <tr> <td>Toyota Auto Body</td> <td>Emissions per vehicle</td> <td>Comparison with FY 2008</td> <td>9% reduction</td> </tr> <tr> <td>Consolidated subsidiaries*2</td> <td colspan="3">Emissions management</td> </tr> </tbody> </table>		Area	Item	Target(FY2020)		Toyota Auto Body	Emissions per vehicle	Comparison with FY 2008	9% reduction	Consolidated subsidiaries*2	Emissions management					
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Coexistence with nature	Reduce paint VOC* in production activities (VOC: Volatile Organic Compounds)	Reduction in body VOC emissions	<table border="1"> <thead> <tr> <th>Area</th> <th>Item</th> <th colspan="2">Target(FY2020)</th> </tr> </thead> <tbody> <tr> <td>Toyota Auto Body</td> <td>Emissions per unit of painted surface area</td> <td>Comparison with FY 1998</td> <td>68% reduction</td> </tr> <tr> <td>Consolidated subsidiaries*2</td> <td colspan="3">Emissions management</td> </tr> </tbody> </table>		Area	Item	Target(FY2020)		Toyota Auto Body	Emissions per unit of painted surface area	Comparison with FY 1998	68% reduction	Consolidated subsidiaries*2	Emissions management						
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Cooperation with society	Coexistence with nature	Contribute to society through activities for preservation of biodiversity	<ul style="list-style-type: none"> •Created woodlands and biotopes, and developed persons who connect with local communities based on education <p><Toyota Auto Body / Consolidated subsidiaries></p> <ul style="list-style-type: none"> •Promoted woodland thinning activities •Carried out tree planting activities •Promoted environmental workshops coordinated with the local communities 																	
Environmental administration	Management	Promote and enhance consolidated environmental management	<ul style="list-style-type: none"> •Expanded the identification and management of environmental law observance and environmental performance for each area and plant •Thoroughly strengthened activities for observance of environmental laws and prevention of environmental risks in each country and region •Expanded chemical substance management for products worldwide 																	
		Promote further coordinated environmental activities with suppliers	<ul style="list-style-type: none"> •Request improved self-initiated environmental performance, sound management of for SOCs in parts and materials delivered to Toyota Auto Body, and also action for legal observance for suppliers 																	
		Promote and achieve environment education	<ul style="list-style-type: none"> •Expanded employee training <p><Toyota Auto Body> Conducted training for each level, for persons assigned overseas, and for overseas persons working at the company</p> <p><Group> Conducted environmental training tailored to the conditions in each country</p>																	
		Achieve active disclosure of environmental information and communication activities	<ul style="list-style-type: none"> •Continued to issue the CSR report and expanded its contents •Achieve communication with our communities and society 																	

*1: Toyota Auto Body + Japan and overseas consolidated subsidiaries (production)

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