

# Toyota Industries 7th Environmental Action Plan FY2023 Results(1/2)

Item	Action Policy	Item executed, target	FY2023 Achievements																				
Establishing a carbon neutral society	Reduce CO2 emissions in production activities	<ul style="list-style-type: none"> <li>Develop/introduce technologies that reduce CO2 emission in production cycle</li> <li>Thoroughly implement daily improvement activities</li> <li>Actively introduce clean energy</li> </ul> <p>[Reduction of CO2 emissions]</p> <table border="1"> <thead> <tr> <th>Scope</th> <th>Control Items</th> <th>Base Year</th> <th>Target of FY2026</th> </tr> </thead> <tbody> <tr> <td>Global</td> <td>Total emissions</td> <td>FY2014</td> <td>-25%</td> </tr> </tbody> </table> <p>[Introduction of renewable electricity]</p> <table border="1"> <thead> <tr> <th>Scope</th> <th>Control Items</th> <th>Base Year</th> <th>Target of FY2026</th> </tr> </thead> <tbody> <tr> <td>Global</td> <td>Renewable electricity ratio</td> <td></td> <td>15%</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Control greenhouse gas other than CO2</li> </ul>	Scope	Control Items	Base Year	Target of FY2026	Global	Total emissions	FY2014	-25%	Scope	Control Items	Base Year	Target of FY2026	Global	Renewable electricity ratio		15%	<ul style="list-style-type: none"> <li>Reducing Energy Consumption through Improved Heat Balance</li> <li>Reducing Energy Consumption by Changing the Heat Control of a Painting Drying Oven</li> <li>Promoting the Introduction of renewable energy in the Toyota Industries Group</li> </ul> <p>[Reduction of CO2 emissions]</p> <table border="1"> <thead> <tr> <th>Result of FY2023</th> </tr> </thead> <tbody> <tr> <td>Reduce by 30% compared with FY2014</td> </tr> </tbody> </table> <p>[Introduction of renewable electricity]</p> <table border="1"> <thead> <tr> <th>Result of FY2023</th> </tr> </thead> <tbody> <tr> <td>15%</td> </tr> </tbody> </table>	Result of FY2023	Reduce by 30% compared with FY2014	Result of FY2023	15%
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Reduce CO2 emissions in production distribution	<ul style="list-style-type: none"> <li>Improve transportation efficiency by modal shift or enhancing load efficiency</li> </ul> <p>[Reduction of CO2 emissions at distribution]</p> <table border="1"> <thead> <tr> <th>Scope</th> <th>Control Items</th> <th>Base Year</th> <th>Target of FY2026</th> </tr> </thead> <tbody> <tr> <td>Global</td> <td>CO2 emission intensity*1</td> <td>FY2014</td> <td>-11%</td> </tr> </tbody> </table>	Scope	Control Items	Base Year	Target of FY2026	Global	CO2 emission intensity*1	FY2014	-11%	<ul style="list-style-type: none"> <li>Improve transportation efficiency</li> </ul> <p>[Reduction of CO2 emissions at distribution]</p> <table border="1"> <thead> <tr> <th>Result of FY2023</th> </tr> </thead> <tbody> <tr> <td>Reduce by 8% compared with FY2014</td> </tr> </tbody> </table>	Result of FY2023	Reduce by 8% compared with FY2014											
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Reduce CO2 emissions by technology development	<ul style="list-style-type: none"> <li>Develop technologies that contributes further energy efficiency</li> <li>Develop technologies that supports producing electrical products</li> <li>Develop weight saving technologies</li> <li>Reduce energy loss</li> <li>Develop technologies for a hydrogen-society</li> </ul>	<ul style="list-style-type: none"> <li>Developed new electric compressor</li> <li>Developed new engine</li> <li>Developed unit integrating an on-board charger and DC-DC converter</li> <li>Developed a new air jet loom and introduced it to the market</li> <li>Developed new fuel cell lift truck and introduced it to the market</li> </ul>																					
Establishing a recycling-based society	Promote effective utilization of resource in production activities	<ul style="list-style-type: none"> <li>Implement measures against emission source, such as improvements in yield</li> </ul> <p>[Reduction of emission volume of waste]</p> <table border="1"> <thead> <tr> <th>Scope</th> <th>Control Items</th> <th>Base Year</th> <th>Target of FY2026</th> </tr> </thead> <tbody> <tr> <td>Non-consolidated</td> <td>Emission volume per unit of production</td> <td>FY2014</td> <td>-12%</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Promote water conservation activities that take into account the water environment conditions in each country and region</li> <li>Reduce the amount of usage of packing materials</li> </ul>	Scope	Control Items	Base Year	Target of FY2026	Non-consolidated	Emission volume per unit of production	FY2014	-12%	<ul style="list-style-type: none"> <li>Reducing the Use of Masking Materials by Improving Painting Process</li> </ul> <p>[Reduction of emission volume of waste]</p> <table border="1"> <thead> <tr> <th>Result of FY2023</th> </tr> </thead> <tbody> <tr> <td>Reduce by 17% compared with FY2014</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Conducting water risk assessment</li> </ul>	Result of FY2023	Reduce by 17% compared with FY2014										
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Work on the 3R design (reduce, reuse, recycle) to use resources effectively	<ul style="list-style-type: none"> <li>Reduce the amount of resource usage by prolongation of life spans</li> <li>Reduce the amount of resource usage by standardization, modularization, and reducing the amount of resource usage</li> <li>Reduce the amount of resource usage by downsizing, and weight reduction</li> <li>Promote reuse and recycle of parts and materials</li> </ul>	<ul style="list-style-type: none"> <li>Developed new electric compressor</li> <li>Developed new engine</li> <li>Developed unit integrating an on-board charger and DC-DC converter</li> </ul>																					

## Toyota Industries 7th Environmental Action Plan FY2023 Results(2/2)

Item	Action Policy	Item executed, target	FY2023 Achievements
Reducing environmental risks, and establishing a society in harmony with nature	Further reduce substances of concern in the amount of emission	<ul style="list-style-type: none"> <li>Minimize substances of concern such as VOCs*2 by promoting efficient production activities</li> </ul>	<ul style="list-style-type: none"> <li>Continuous reduction of VOCs usage</li> </ul>
	Reduce emission gas that contributes to improvement the atmospheric environment of cities in each country or region	<ul style="list-style-type: none"> <li>Develop engines that satisfies expected future regulations</li> </ul>	<ul style="list-style-type: none"> <li>Developed new engine</li> </ul>
	Control chemical substances contained in products	<ul style="list-style-type: none"> <li>Investigate chemical substances contained in products, control to change toxic substances including SVHC*3</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen the management system for overseas subsidiaries</li> <li>Prevention outflow of SVHC to the market by conducting spot checks</li> </ul>
	Strengthen actions on biodiversity preservation	<ul style="list-style-type: none"> <li>Contribute to the preservation of local biodiversity by utilizing the characteristics of each</li> <li>Promote activities in collaboration with local communities and experts, and foster employees' understanding of biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>Participated in All Toyota Green Wave Project</li> <li>Conducted biodiversity conservation activities within Toyota Industries premises</li> </ul>
Promoting the environmental management	Strengthen and promote the consolidated environmental management	<ul style="list-style-type: none"> <li>Comply with environment related laws and regulations of each country and region</li> <li>Prevention of adverse environmental impact by strengthening risk reduction activities</li> <li>Achieve the top level performance in each country and region</li> </ul>	<ul style="list-style-type: none"> <li>Promoted mitigation activities</li> <li>Underwent legal compliance audit on environment-related laws at a site in China</li> <li>Performing environmental risk inspections of plants</li> </ul>
	Enhance awareness enlightenment activities and training	<ul style="list-style-type: none"> <li>Raise employees' knowledge and awareness and encourage them to act on their voluntary actions to realize the TICO Group Global Environment Commitment</li> </ul>	<ul style="list-style-type: none"> <li>Sent a President's Message to domestic and overseas affiliates during the Environment Month.</li> <li>Provided education on environmental management</li> </ul>
	Promote environment activities in cooperation with business partners	<ul style="list-style-type: none"> <li>Promote through compliance with laws and regulations by our business partners and improve their environmental performance based on the "Environmentally Preferable Purchasing Guidelines"</li> </ul>	<ul style="list-style-type: none"> <li>Held onlone briefing sessions for subsidiaries in Japan</li> <li>Held an environment-related liaison meeting of bases in China</li> </ul>
	Improve environmental brand image	<ul style="list-style-type: none"> <li>Improve the corporate brand image by actively disclosing information about Toyota Industries Corporation Group's environmental initiatives</li> </ul>	<ul style="list-style-type: none"> <li>CDP Climate Change : Ranked A and CDP Water Security : ranked A-</li> <li>Winning a Minister of Economy, Trade and Industry Award in the Energy Conservation Grand Prize</li> </ul>

\* 1: The amounts of emissions per volume of production and sales volume are controlled as basic unit for each business, and a weighted average of their reduction rates is controlled as an indicator.

\* 2: Abbreviation of Volatile Organic Compounds

\* 3: Abbreviation of Substances of Very High Concern