

Toyota Industries 7th Environmental Action Plan FY2022 Results(1/2)

Item	Action Policy	Item executed, target	FY2022 Achievements																				
Establishing a carbon neutral society	Reduce CO2 emissions in production activities	<ul style="list-style-type: none"> Develop/introduce technologies that reduce CO2 emission in production cycle Thoroughly implement daily improvement activities Actively introduce clean energy <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"> Control greenhouse gas other than CO2 	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"> Neutralizing Static Electricity Only in Applicable Areas and Successfully Relaxing In-Plant Air-Conditioning Criteria Promoting the Introduction of renewable energy in the Toyota Industries Group Toyota Material Handling Europe moves towards net-zero future with 100% renewable electricity <p>[Reduction of CO2 emissions]</p> <table border="1"> <thead> <tr> <th>Result of FY2022</th> </tr> </thead> <tbody> <tr> <td>Reduce by 24% compared with FY2014</td> </tr> </tbody> </table> <p>[Introduction of renewable electricity]</p> <table border="1"> <thead> <tr> <th>Result of FY2022</th> </tr> </thead> <tbody> <tr> <td>11%</td> </tr> </tbody> </table>	Result of FY2022	Reduce by 24% compared with FY2014	Result of FY2022	11%
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Reduce CO2 emissions in production distribution	<ul style="list-style-type: none"> Improve transportation efficiency by modal shift or enhancing load efficiency <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"> Improve transportation efficiency <p>[Reduction of CO2 emissions at distribution]</p> <table border="1"> <thead> <tr> <th>Result of FY2022</th> </tr> </thead> <tbody> <tr> <td>Reduce by 10% compared with FY2014</td> </tr> </tbody> </table>	Result of FY2022	Reduce by 10% compared with FY2014											
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Reduce CO2 emissions by technology development	<ul style="list-style-type: none"> Develop technologies that contributes further energy efficiency Develop technologies that supports producing electrical products Develop weight saving technologies Reduce energy loss Develop technologies for a hydrogen-society 	<ul style="list-style-type: none"> Reduced air consumption of air-jet looms Developed new water-cooled DC-DC converter Developed new engine Developed new on-board charger Developed new-generation of air compressor 																					
Establishing a recycling-based society	Promote effective utilization of resource in production activities	<ul style="list-style-type: none"> Implement measures against emission source, such as improvements in yield <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"> Promote water conservation activities that take into account the water environment conditions in each country and region Reduce the amount of usage of packing materials 	Scope	Control Items	Base Year	Target of FY2026	Non-consolidated	Emission volume per unit of production	FY2014	-12%	<ul style="list-style-type: none"> Initiative to reduce waste by recycling waste from production precesses <p>[Reduction of emission volume of waste]</p> <table border="1"> <thead> <tr> <th>Result of FY2022</th> </tr> </thead> <tbody> <tr> <td>Reduce by 17% compared with FY2014</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Conducting water risk assessment 	Result of FY2022	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"> Reduce the amount of resource usage by prolongation of life spans Reduce the amount of resource usage by standardization, modularization, and reducing th Reduce the amount of resource usage by downsizing, and weight reduction Promote reuse and recycle of parts and materials 	<ul style="list-style-type: none"> Developed new on-board charger Developed new turbocharger Developed new-generation of electric compressor Promotion of compliance with the European WFD 																					

Toyota Industries 7th Environmental Action Plan FY2022 Results(2/2)

Item	Action Policy	Item executed, target	FY2022 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"> Minimize substances of concern such as VOCs*2 by promoting efficient production activities 	<ul style="list-style-type: none"> Reduction of VOC emissions through joint development of new paints in China
	Reduce emission gas that contributes to improvement the atmospheric environment of cities in each country or region	<ul style="list-style-type: none"> Develop engines that satisfies expected future regulations 	<ul style="list-style-type: none"> Compliance with China IV emission standards
	Control chemical substances contained in products	<ul style="list-style-type: none"> Investigate chemical substances contained in products, control to change toxic substances including SVHC*3 	<ul style="list-style-type: none"> investigation of five pbt chemical under TSCA Establishment of management system for overseas subsidiaries
	Strengthen actions on biodiversity preservation	<ul style="list-style-type: none"> Contribute to the preservation of local biodiversity by utilizing the characteristics of each Promote activities in collaboration with local communities and experts, and foster employees' understanding of biodiversity 	<ul style="list-style-type: none"> Participated in All Toyota Green Wave Project Conducted biodiversity conservation activities within Toyota Industries premises
Promoting the environmental management	Strengthen and promote the consolidated environmental management	<ul style="list-style-type: none"> Comply with environment related laws and regulations of each country and region Prevention of adverse environmental impact by strengthening risk reduction activities Achieve the top level performance in each country and region 	<ul style="list-style-type: none"> Promoted mitigation activities Underwent legal compliance audit on environment-related laws at a site in China Conducted environmental risk assessment at production bases outside Japan
	Enhance awareness enlightenment activities and training	<ul style="list-style-type: none"> Raise employees' knowledge and awareness and encourage them to act on their voluntary actions to realize the TICO Group Global Environment Commitment 	<ul style="list-style-type: none"> Held various events during environmental month Provided education on environmental management
	Promote environment activities in cooperation with business partners	<ul style="list-style-type: none"> Promote through compliance with laws and regulations by our business partners and improve their environmental performance based on the "Environmentally Preferable Purchasing Guidelines" 	<ul style="list-style-type: none"> Held onlone briefing sessions for subsidiaries in Japan Held an environment-related liaison meeting of bases in China
	Improve environmental brand image	<ul style="list-style-type: none"> Improve the corporate brand image by actively disclosing information about Toyota Industries Corporation Group's environmental initiatives 	<ul style="list-style-type: none"> Both CDP Climate Change and Water Security : ranked A- Winning the energy conservation center, Japan Chairman's Award

* 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 a

* 2: Abbreviation of Volatile Organic Compounds

* 3: Abbreviation of Substances of Very High Concern