

About this Report

Chairman's Statement

About Luxshare Precision

Sustainability Governance

Way of Governance

Leading the Green Path

Strategy

Reduction of Greenhouse Gas Emissions

Water Resource Management

Pollutant Discharge Management

Green Product Exploration

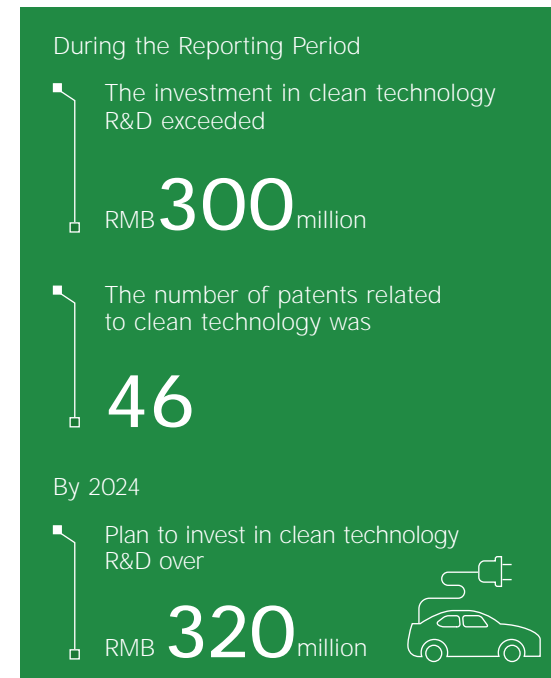
The Path to Development

Appendix

As a leading electronic manufacturing company, Luxshare Precision is committed to fostering a sustainable, smartly interconnected future. We collaborate with partners to drive innovation and transformation in clean technologies, offering cleaner products and services that support green consumption and lifestyles.

Proactively seizing clean technology opportunities, we have strategically ventured into sectors such as **PV power generation, batteries, new energy vehicles, and data center power systems**. Our focus is on R&D and commercialization of clean technology products such as **photovoltaic components, energy storage systems, heat dissipation systems, high voltage wire harnesses, wireless charging, and fuel cells**. Through this relentless pursuit, we aspire to

and solutions to catalyze our society's transition



Clean Technology Type	Product Category	Product Name & Description	Status
Energy Efficiency	Luxshare Precision specializes in enhancing energy efficiency in electric vehicles through advanced technologies and solutions. By developing optimized electrical energy transmission systems and products, we improve charging efficiency and safety performance, boosting energy utilization rates.	Liquid-Cooled High-Power Charging Cable This innovative product incorporates a liquid circulation channel between the cable and charging gun, using a power pump to circulate coolant and rapidly dissipate heat generated during charging, thereby significantly increasing cable transmission efficiency and EV charging speed. Capable of safely transmitting currents exceeding 600A, it can provide enough charge for an electric vehicle to travel up to 200 kilometers in mere minutes.	Mass Production
		Electric Motor Controller Replacing traditional fossil fuel output control, this product governs the speed and direction of the electric motor, thereby controlling the driving performance of new energy vehicles.	Mass Production
		Electric Vehicle Powertrain Boasting a smaller size, lower noise, and higher energy conversion efficiency compared to traditional internal combustion engines, this powertrain effectively reduces carbon emissions during driving.	Under Development
	Optimization Systems & Technologies Luxshare Precision designs energy system optimization technologies and products to enable smart optimization and control across various scenarios, including data centers and consumer applications, thereby ensuring efficient energy utilization.	140W 2C1A PD Fast Charger simultaneous charging needs for various devices, reducing strain on power outlets and lowering power consumption.	Mass Production
		1A1C Fast Charger Offering compatibility with several charging protocols (PD, QC, and UFCS fusion fast charging), this charger supports diverse charging requirements while providing a higher power density and lower heat generation.	Mass Production
		"Light Active" Series enhance copper cable application lengths. Additionally, they optimize passive copper cables with smaller diameters and bending radii, streamlining cabling in data centers and dramatically cutting system power consumption by up to	Under Development
Pollution Prevention and Control	Recycling and Reuse Luxshare Precision diligently identifies and capitalizes on opportunities for recycling and repurposing waste materials, pioneering innovative recycling technologies for aluminum and plastics, thereby actively contributing a significant reduction in raw material consumption of our products.	Wall Charger Series Each of the seven products in this series utilizes PCR plastic that has undergone polymer modification. One model	Mass Production
		Vehicle Harnesses The entire series of harness assemblies is manufactured from environmentally friendly and recyclable materials conforming to standards GB/T 30512-2014, RoHS, and REACH, well enhancing the utilization rate of resources.	Mass Production
Alternative Energy	Fuel Cells/Hydrogen Systems Luxshare Precision devotes itself to hydrogen production, storage, and transportation scenarios, deploying optimized solutions for hydrogen generation, storage, and provision, driving the transformation of energy mix.	Fuel Cell Stack	Under Development

The above chart only shows the new clean technologies and products in 2023. For a comprehensive overview of Luxshare Precision's past innovations and specific products in the realm of clean technology, please refer to [the Luxshare Precision Clean Products Catalogue 2022](#).