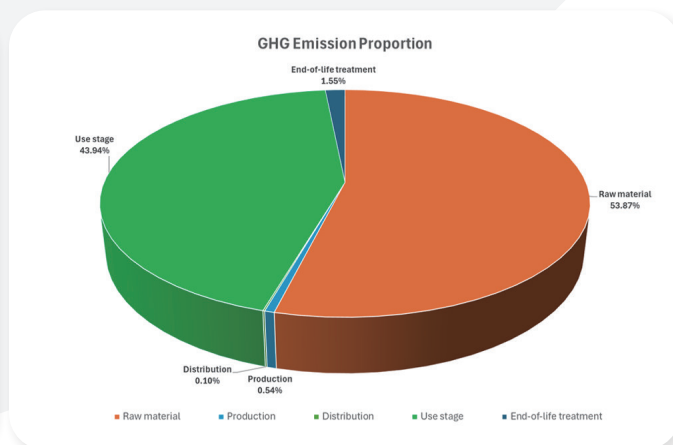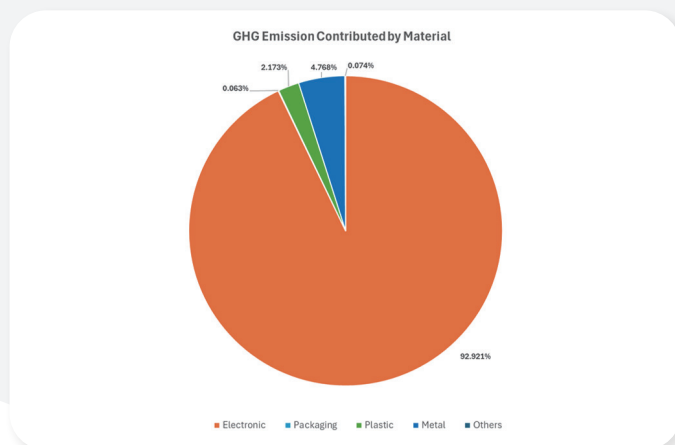# ViewSonic
LS901-4K Projector

Committed to corporate citizenship and environmental responsibility, we publish comprehensive product life cycle carbon footprint reports to empower our customers to make informed purchasing decisions. These reports transparently quantify the greenhouse gas emissions associated with each stage of a product's lifecycle by utilizing the emission factor source ecoinvent 3.11 and MEE Announcement of 2022 Electricity Carbon Dioxide Emission Factor. This is done in compliance with the WRI's GHG Protocol for Product Life Cycle Accounting and Reporting Standard, PAS 2050, IEC TR 62921, as well as ISO 14067, ISO 14040, and ISO 14044. The stages covered include material sourcing and production (Cradle-to-Gate).

Estimated Carbon Footprint: **649.4** kgCO2e

Weight	6.8 Kg	Product Lifetime	5 years
Brightness (Lumens)	5,500 ANSI	Use Location	Global
Light Source	Laser	Use Energy Consumption (Yealy TEC)	82.1 kWh

ViewSonic
LS901-4K Projector

Impact by Lifecycle Stage and Manufacturing Components

Key Assumptions and Limitations

I.   Electricity emissions for the manufacturing phase were calculated using the grid emission factor of the production location (China), as per the MEE 2022 Announcement.

II. At the time of this study, detailed product sales distribution data by region was not available. Therefore, the product carbon footprint results are currently presented as an unweighted average of the four primary sales regions (Europe, United States, China, and Taiwan). The product delivery destinations are based on the warehouses located in these four major sales regions.

III. According to Product Category Rules (PCR) for "Digital Projector" published by the Environmental Protection Administration of the Executive Yuan, Taiwan, the total energy consumption during the use phase is calculated based on the following usage scenario: 3.5 hours of use per day, 100 days per year, and a product lifetime of 5 years.

ViewSonic's Environmental Commitment

ViewSonic upholds sustainability as a core value that touches all levels of our operations and product lifecycles. From development and production to customer use and disposal, we prioritize responsible practices, ensuring compliance with ISO 14000 Environmental Management Standards within our global supply chain. In line with our commitment to reducing waste and promoting a sustainable future, we use recycled materials to actively expand our eco-friendly packaging across our product lines. Through these efforts, we strive to contribute to a better world.