



Company Profile

2023

Lumec is a Durban-based economic consultancy that was established in 2016. Paul Jones, the Managing Director of Lumec, has over 15 years of experience as a development economist and has a passion for the environment. Lumec has extensive experience in market research, project management, and stakeholder engagement, and specialises in economic research, sector and value chain analyses, market demand assessments, feasibility studies and project facilitation. Lumec provides informed research and project management services to support evidence-based decision making in green and circular economy projects.

Some of our projects

Year	Project Name	Client/Partner	Description
2021 - current	SRI iLembe E-waste Project	World Resource Foundation (WRF)	Lumec is the Local Technical Coordinator of the Sustainable Recycling Industries (SRI) programme's iLembe e-waste project component. The programme is funded by the Swiss State Secretariat for Economic Affairs (SECO) and is being implemented by the World Resource Foundation (WRF). Lumec is responsible for coordination of the iLembe project until mid-2025, which includes establishing an e-waste recycling partnership initiative (WEEE are iLembe) and coordinating a range of e-waste projects to support the industry.
2022 - current	Warwick Zero Waste Compost Pilot Cost-Benefit Analysis	DUT Urban Futures Centre, Asiye eTafuleni and groundWork	Lumec is supporting the Warwick Zero Waste (WZW) team in scaling up their pilot composting project. Food waste is being diverted from the Early Morning Market in Durban, and combined with garden waste at the Durban Botanical Gardens to produce compost. Lumec has developed a cost-benefit analysis (CBA) model, and will continue to refine this model and provide other technical support to the WZW team in scaling up this project and expanding this concept to other areas in the eThekweni Municipality.

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2022	Green Corridors Market and Viability Assessment	Green Corridors	Lumec undertook a market and viability assessment of 5 recyclable products produced at Green Corridor's KwaMashu Beneficiation Centre. The first component of work was an assessment of the market for bio-based cement and bokashi compost products. Thereafter, an assessment was done on each product's value chains, which formed the basis for development of a detailed viability model. This assisted Green Corridors to determine the cost at which each product can be produced.
2020	Wastage and Green Retailing in the South African Retail Sector	Wholesale and Retail Leadership Chair	Lumec undertook research on the South African retail sector to determine wastage in the industry, the impact of this on food security and socio-economic improvement. The research reviewed the status quo of the sector in terms of reducing waste, recycling, and education, both globally and locally, and made recommendations towards reducing wastage in the sector. The research was translated into an academic paper in the African Journal of Business and Economic Research (AJBER).

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2019	Plant-Based Materials International Project Facilitation	PRM International	Lumec undertook stakeholder engagement, project facilitation, and business planning to support PRM International in implementing various biomass projects in eThekwini, which arose from the eThekwini Biomass Business Case (as per below). This work assists to support the development of the KwaMashu Beneficiation Centre that is being operated by Green Corridors.
2018	eThekwini Biomass Business Case	eThekwini Municipality	Lumec developed a business case for two bio-based products by unpacking the value chain of each product to determine the viability of supporting a processing and application facility in the eThekwini Municipality.
2015	eThekwini Recycling Value Chain Analysis	eThekwini Municipality	In his previous position, Paul undertook a detailed value chain analysis of 9 recycling waste value chains in eThekwini in order to identify recommendations towards improving each value chain.

Contact us



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