

Dairy Sustainability Initiatives, “From Farm to Fork” – A LCA of UHT Milk

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Abstract

Background: Woodlands Dairy’s journey to minimise our environmental impact and projects implemented to achieve these goals. Over the years our sustainability pillars of People, Planet & Profit have evolved into Environment, Social and Governance (ESG) which shape our strategic thinking. We safeguard our planet by creating a sense of urgency and will continue to invest in projects that curb our carbon footprint and water usage.

Objectives: We have focused on driving initiatives to improve manufacturing processes and engaged with our suppliers, especially our milk producers and packaging manufacturers to provide us with sustainably produced products.

Methods: Woodlands Dairy has aligned its sustainability initiatives by considering the objectives of the United Nations Sustainable Development Goals. By the successful implementation of two ISO standards since 2018, these systems helped Woodlands Dairy to improve our energy management and consumption whilst also improving the company’s environmental impact. Based on the “continual improvement” business model required by these ISO 50001 and ISO 14001 standards, these management systems are the building blocks to an all-round environmental responsible business.

Results: By applying a holistic approach to reduce our environmental impact, we have achieved to reduce our pollution and waste by recycling our waste (food and packaging), we have reduced GHG emission by utilising renewable energy sources and improving on energy efficiencies and measuring ourselves against global standards by having a LCA measurement done to compare our GHG emission.

PRESENTER BIOGRAPHY: ANDRE ADENDORFF

Andre started with an accounting background and later did a MBA through the Nelson Mandela University, which equipped him to develop and evaluate a sustainable project for his company and to be analytical on fields of non-expertise enable him to manage such a project. Adding to it some Quality control and assurance exposure, paved the way to starting up the Sustainable Journey at Woodlands Dairy in 2012. With research and assistance of industry leaders in different aspects of sustainable development, Woodlands Dairy’s Sustainable Journey evolved, essentially driven by the CEO of the company and fully supported by the investing stakeholders.