

<p>Contact officer: Lotte Mastwijk</p> <p>Function: Communications & Sustainability Manager</p>	<p>Energy Consumption & Greenhouse Gas Emissions Policy</p> <p>GRI 302: 103-1, 103-2, 103-3 GRI 305: 103-1, 103-2, 103-3 GRI: Sustainable production 2019</p>	<p>Issue date: 1 March 2019</p> <p>Last review date: 1 March 2020 (V2.0)</p> <p>Next review date: 1 March 2021</p>
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Introduction

LC Packaging International B.V. (LC Packaging) strives to minimise our environmental footprint by conserving, restoring and replacing the natural resources used in its operations. LC Packaging strives to have its carbon footprint and energy use significantly reduced by 2022. The achievement of organisational success must be accompanied by a resolute commitment towards this policy.

Purpose

The aim of this policy is to provide the necessary guidelines for sustainable energy consumption and greenhouse gas emissions at LC Packaging. The following policy specifies the objectives and measures that the company takes in order to realise its efforts. This is in line with the 5-year sustainability strategy 'No Time to Waste'.

Additionally, Dutch-Bangla Pack Ltd. (DBPL) stands out as a key establishment. Its energy use and CO² emissions respectively contribute to 70% and 75% of all LC Packaging operations. DBPL is, therefore, extremely important to our sustainable goals and is held to the highest standards as a production site. Consequently, DBPL sets an example to all other production sites of LC Packaging. This translates into this international policy and measures stated below.

Scope

The contents of this policy are intended for all employees, part time workers, interns, contractors of LC Packaging International B.V., its affiliates and production sites.

Policy objectives

LC Packaging identifies the following objectives for its energy consumption and greenhouse gas emissions:

- Comply with relevant regulations, policies and procedures with regard to sustainable energy consumption and reduction of greenhouse gas emissions;
- In relation to the UN Global Compact, commit towards sustainable development goal 12 – responsible consumption and production;
- In relation to the UN Global Compact, strengthen the commitment towards Sustainable Development Goal 17. This is done by intensifying existing sustainable partnerships and initiating new ones with regards to energy consumption and greenhouse gas emissions;
- Reduce the carbon footprint at LC Packaging by 25% by 2022;
- Reduce the use of energy at LC Packaging by 10% by 2022;
- Develop tools to generate, manage and measure data regarding energy consumption and CO² emissions at LC Packaging;
- Engage in process optimisation to make use of renewable energy sources;
- Engage in process optimisation to reduce greenhouse gas emissions.
- Participate in industry initiatives to create awareness about the impact of greenhouse gas emissions;
- Measure the environmental impact of the production of our products;
- Involve and educate the key stakeholders of LC Packaging on energy consumption and greenhouse gas emissions;
- By 2025 have 60% of renewable energy purchased/produced across all entities.

Policy measures

LC Packaging identifies two types of key establishments in its operations, namely production sites and offices. Consequently, the measures are categorised accordingly as different business units require different strategies.

General

LC Packaging:

- aims to increase the number of sustainable partnership cases between 2017-2022 that successfully contribute to energy conservation and CO² emission reductions;
- aims to increase the number of initiatives and/or projects between 2017-2022 with regards to energy consumption and reduction of CO² emissions;
- will follow up on the Corporate Environmental Footprint Report 2016 by annually conducting a report to monitor improvements on energy consumption and CO² emissions;
- will launch an internal Green Office campaign in 2020, with the aim of achieving the challenging targets that have been set;
- trains all its employees on energy consumption and greenhouse gas emissions using a compulsory Sustainable Consumption Awareness Training;
- DBPL, has signed [a statement](#), along with [169 companies](#) from around the world, urging governments around the world to align their COVID-19 economic aid and recovery efforts with the latest climate science: An urge for net-zero recovery from COVID-19, this initiative was launched by the Science Based Targets Initiative, the UN Global Compact and the We Mean Business Coalition.
- DBPL, is implementing a so-called 'Symbiotic Generation of Sustainable Energy by Cogeneration Project'. With the goal to produce at least 23% of the energy used by DBPL by installing a cogeneration facility on-site.
- DBPL is planting trees in the open spaces at company's factory complex. This will absorb some of the carbon being released by factory operations, mainly the generators.
- follows standards of globally known environmental management systems, such as ISO14001 implemented at DBPL;

- conducts professional energy audits to reduce its energy consumption and greenhouse gas emissions, such as executed at DBPL;
- invests into energy conservation measures by upgrading to led lighting at sites such as DBPL;
- implements waste recycling plans to reduce the amount of energy consumed, and CO² emissions produced. Such as, [WorldBag B.V.](#) that collects used FIBC (Big bags) across Europe. The recycling plan includes cleaning and repairing the bags for reuse, which reduces CO² emissions through reuse compared to new production.
- optimises its transportation by monitoring CO² emissions from both individual as well as freight transport.
- optimises its transportation by requesting from transportation partners certificates proving euro 5 or 6 norm and/or EEV norm;
- optimises its transportation by implementation of a car policy.

Measures for production sites

LC Packaging:

- uses the EU Eco-Management and Audit Scheme in its production sites such as DBPL;
- uses renewable energy for its business operations, such as the usage of solar panels at DBPL.
- uses energy efficient equipment at DBPL;
- uses palette jacks instead of forklifts at DBPL in order to reduce its energy consumption;
- investigates which production machines use the most energy and researches possible efficiency increase solutions, such as behaviour change or replacement;
- constantly looks into becoming more sustainable by investigating the opportunities of generating or purchasing more renewable energy.

Measures for offices

LC Packaging:

- communicates to all locations standard guidelines and local targets on: energy consumption, CO² production, waste production, water consumption.
- in collaboration with the municipality of Rotterdam (NL), performed a mobility scan for its employees at the head office with the aim of making a plan to drive greener, cleaner and smarter and exploring the possibility of using electric bikes instead of cars;
- promotes renewable energy use by purchasing renewable energy through the electric grid;
- reduces the energy consumption by using the cloud technologies to minimise the need for servers to one central server;
- implements office guidelines through which energy consumption of our employees are reduced, such as turning off computers, lights and air-conditioners when not in use;
- promotes sustainable consumption by printing with environment-friendly settings: 'black & white', 'double-sided' and 'draft';
- implements intelligent technologies to optimise transportation, such as GPS system that tracks private and corporate fuel usage as implemented at LC Packaging Hungary.
- addresses the reduction of corporate CO² emissions by initiatives such as limiting the company's owned cars personal usage at 500 kilometres per month at LC Packaging Hungary;
- investigates the possibility to introduce a transport map to decrease the CO² emissions produced by company-owned car;
- optimises its transportation by looking into opportunities to switch lease car contracts from standard to electric/hybrid cars;
- encourages employees to use public transportation, carpooling and biking when commuting to the workplace to reduce greenhouse gas emissions;
- minimises commutes by offering flexible working conditions such as work from home. This is ensured via corporate VPN (Virtual Private Network);
- reduces CO² emissions and travelling by using an extensive network of videoconferencing solutions: Cisco video phone, Jabber chat and Microsoft Teams at all offices;
- researches the possibility of upgrading its heating, ventilation, and air condition systems, such as planned to get BREAAAM Certificate for LC Packaging Headquarters.

6. Approval of policy

Name: Lucas Lammers, CEO LC Packaging

Date: 1 March 2020

Signature:

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke at the end, positioned below the 'Signature:' label.