



Sustainability Vision 2022

Version 2.0 | Jan 2018

A photograph of three children playing in a park. Two boys and one girl are pulling on a large yellow net that is lying on the grass. The background is filled with lush green trees. A large, semi-transparent yellow triangle is overlaid on the right side of the image.

No time to waste.



Committed



Reliable



Loyal

LC Packaging strives to include all stakeholders in its quest to provide sustainable packaging solutions, while minimising the impact on the environment, the waste of valuable products, while also enriching the communities in which we operate.

supporting your products



Introduction by Lucas Lammers

No time to Waste.



The world's population is projected to reach 9.7 billion by 2050, roughly a 33% increase. Economic growth and sustainable practices are essential to meet the incredible increase in demand for goods and resources that this growth implies.

Our packaging benefits individuals and communities around the world. These benefits range from creating quality jobs, to protecting, preserving and safely transporting all sorts of products. Quality packaging protects the environmental and economic investment in products and contributes to economic development and social well-being by facilitating the distribution and delivery of products to the market place.

Waste of materials.

At the same time, we are fully aware of the negative consequences that the production, procurement, transport and disposal of our packaging can have for both the environment and communities around the globe. After being used, packaging contributes to municipal solid waste. Effectively managing this waste is a challenge in many communities and has a negative impact on the environment.

Waste of products.

Not to mention the fact that every day valuable products and resources are lost during their transportation through the supply chain before they even reach the market place. According to the UN for example, each year 1.3bn tonnes of food, about a third of all that is produced, is wasted. If the amount of food wasted around the world were to be reduced by just 25%, there would be enough food to feed all those people who are malnourished.

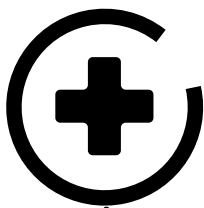
As an international, flexible packaging producer and distributor we believe that we can actively contribute to preventing the waste of valuable products in the supply chain. Protecting these products, in combination with minimising our packaging waste, and thus our environmental and social impact, has a direct effect on the quality of life for people around the globe and on future generations.

Together with our stakeholders we strive to achieve sustainable, environmentally friendly and waste-avoiding packaging solutions, with sustainable production and consumption. We want to give back to the communities in which we operate and provide a safe and healthy working environment for all our employees, with plenty of opportunities for personal development:

Don't waste talent.

This drive and conviction is the basis of our LC Packaging Sustainability Plan 2022: **No (time to) waste!**

Lucas Lammers
CEO LC Packaging



Sustainability Vision 2022

Content

Our commitment	6
Quality vs. Sustainability	6
Areas of commitment	7
Goals 2022	8
Commitment vs. SDGs	10
Improve the well-being of people	12
Working environment	14
Job quality	16
Employee development	18
Community development	20
Create supply chain sustainability	22
Sustainable production	24
Sustainable sourcing	26
Sustainable partnership	28
Develop sustainable packaging solutions	30
Sustainable materials	32
Sustainable solutions	34
Innovation	37
Reduce environmental impact	38
Carbon footprint	40
Water consumption	42
Waste reduction	43
Energy use	44



**Sustainability
Vision 2022**



lc packaging®

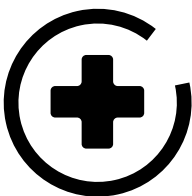
Our commitment

LC Packaging & sustainability

Our vision

LC Packaging strives to include all stakeholders in its quest to provide sustainable packaging solutions, while minimising the impact on the environment, the waste of valuable products and enriching the communities in which we operate.

6



Quality vs. Sustainability

Quality is our best business model

No company can build a reputation on what they intend to do, only what they already have achieved. Whatever we do, we try to do it right. It is a constant search for quality, in what we do and in what we stand for. Be it in the products we produce, the services we offer or in the working conditions we offer our more than 1,000 employees.

Quality is much more than just the strength of our packaging: It is the package as a whole. It is not only in the materials we use, the quality of transport and

storage and the quality of service we provide, but also in the working conditions in which our packaging is produced and in reducing our environmental footprint. Our dedicated Quality Department ensures that we strictly comply with all quality aspects.

To us, the relationship between sustainability and quality is inseparable. In fact, we believe: **Sustainability = quality**: a quality product can only be a quality product if it is produced in an

environment that has respect for people and the planet.

As long as we keep this simple word 'quality' close to our heart, we are confident we can make a difference. To our people, our partners, our customers, to the local communities in which we operate and to the planet.

Quality is our best business model and we will keep investing in our business model: every day, every month, year by year.



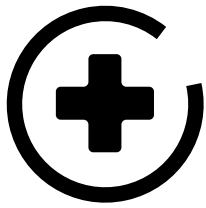
Areas of commitment

We can make a difference

In our sustainable business strategy, LC Packaging has identified four areas of commitment: **people**, **supply chain**, **solutions** and **environment**. These four areas are divided in areas of focus. See the figure below. We believe that by adding these areas of commitment to our daily business agenda, we can improve our environmental, economical and social impact, while making profit along the way. At LC Packaging we invest all our profit back into the company to secure its future and the future of our employees.

LC Packaging - Areas of commitment





Goals 2022

Targets for a more sustainable future



People



Working environment

By 2022, 85% of our employees feels that he/she will be working in a safe and healthy working environment and will be satisfied with the working conditions we provide.



Personal development

By 2022, 80% of our employees will be satisfied with the internal development opportunities provided by LC Packaging.



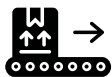
Job quality

By 2022 we will have created at least 300 additional high quality full-time jobs in developing countries.



Community development

By 2022 we will have made a significant contribution to the well-being and development of the local communities in which we operate.



Supply Chain



Sustainable production

By 2022 we will have undertaken important steps to significantly improve the sustainability of our in-house FIBC manufacturing.



Sustainable partnership

By 2022 we will have increased and strengthened our sustainable partnerships with our stakeholders and together will have made a significant contribution to achieving our goals.



Sustainable sourcing

By 2022, 100% of our production partners will have signed our Supplier Code of Conduct and will act accordingly.



Solutions



Sustainable materials

By 2022 we will have minimised the waste associated with our packaging.



Innovation

By 2022 sustainability will be fully integrated into our innovation processes, leading to sustainable operations and new packaging solutions.



Sustainable solutions

By 2022 we will have significantly reduced the waste of (food) products during storage and transport, with our packaging.



Environment



By 2022 our carbon footprint will have been reduced by 25%.



By 2022 the amount of waste generated in our daily operations will have been reduced by 40%.

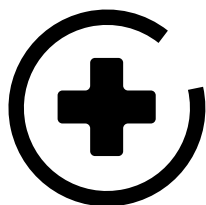


By 2022 the amount of water used in our daily operations will have been reduced by at least 10%.



By 2022 the energy use in our daily operations will have been reduced by at least 10%.

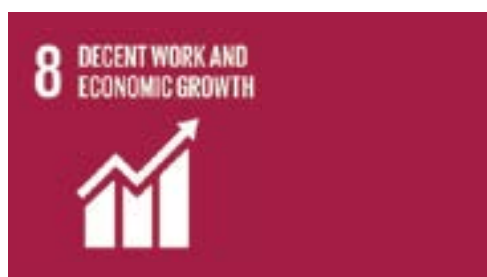




Commitment vs. SDGs

Targets for a more sustainable future

Through our sustainability strategy and related activities, we are committed to contributing to the UN Global Sustainable Development Goals. With our core business, daily activities and sustainability areas of commitment we will be making a direct contribution to 4 of the 17 goals.

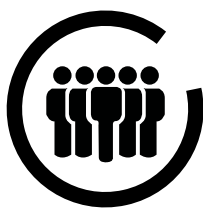


In this report, we provide more information about our four areas of commitment and related areas of focus; we define our targets and the corresponding activities that we undertake to reach these targets and the measurement tools we use to analyse our results.



SUSTAINABLE DEVELOPMENT GOALS





People

Improving people's well-being

As an international employer with offices, warehouses and production locations in 16 countries in Africa, Asia and Europe, LC Packaging has a direct impact on, and feels responsible for, the well-being of our more than 1,000 employees, our partners and the local communities in which we operate.



People

Ambassador

Boudewijn van Fraassen

Director AGRI packaging
LC Packaging

"Our people are our greatest asset. Their well-being and the well-being of their families and communities is our number one priority."

Improve people's well-being

Improving people's well-being is one of our four areas of commitment. Within this area of commitment we have identified three focus areas, and for each focus area we have set targets for 2022.

People



TARGETS



By 2022, 85% of our employees will feel he/she is working in a safe and healthy working environment and will be satisfied with the working conditions we provide.



By 2022 we will have created at least 300 additional high quality full-time jobs in developing countries.



By 2022, 80% of our employees will be satisfied with the internal development opportunities provided by LC Packaging.



By 2022 we will have made a significant contribution to the well-being and development of the local communities in which we operate.



Working environment

Safety, health and satisfaction

“By 2022, 85% of our employees will feel he/she is working in a safe and healthy working environment and is satisfied with the working conditions we provide”.

LC Packaging is a proud family-owned business, therefore each and every employee is considered a member of the LC Family. Our people are our greatest asset and as a member of the UN Global Compact, we strongly support, respect, promote and protect internationally proclaimed human rights and do our utmost to provide **safe, healthy and satisfying** working conditions.

Baseline

In 2016, 76% of our employees said that they feel that LC creates a safe working environment with suitable arrangements for health, safety and welfare 69.9% said that they are satisfied with the working conditions we provide.

Our approach

- Providing a system to maintain and continuously improve health and safety in the workplace, by certifying all LC Packaging locations in accordance with OHSAS 18001 certification and we expect the same from our production partners
- Regular checking by our dedicated quality department to make sure the safety and health system is in place and is strictly in compliance
- Carrying out intense dissemination of the LC Packaging Code of Ethics throughout the company, through education and monitoring initiatives
- Offering additional (health) job benefits to LC Packaging employees in developing countries, such as providing an in-house doctor service and female nursing, offering free basic health check-ups and medical advice
- Integration of the LC Lifestyle Program at all levels of the company

Measuring progress

Our success will be measured by:

- Results of the 2022 Employee Satisfaction Survey



World Health Organization (WHO):

"A healthy and safe working environment is a place in which employees are protected from disease or infirmity and have a sense of physical, mental and social well-being, while also feeling safe from accident or injury".



LC Code of ethics

In 2015, LC Packaging launched its internal Code of Ethics, based on our company values [Commitment, Reliability and Loyalty], our own principles and UN principles on business and human rights. In 2016 we also created the LC Supplier Code of Conduct based on UN principles and SA 8000 guidelines, also requesting our production partners to comply with and sign this code.



Certified accordingly

We fully comply with (international) health and safety legislation and we have created an environment in which human rights are honoured. LC Packaging is a proud member of the UN Global Compact and is EcoVadis certified. Our production location in Bangladesh also carries OHSAS 18001 and SA 8000 certification: The leading global standard for CSR.



LC Lifestyle Program

In 2016 the LC Lifestyle Program was established: an internal movement, initiated by our own employees to promote and implement a healthy lifestyle within and outside the office. The LC Management supports this initiative by, for example, providing fresh fruit on a daily basis or funding a personal trainer. Expansion of this program is on the agenda.



Employee satisfaction

Since 2015 LC Packaging has been conducting an annual global Employee Satisfaction Survey, so that our sales office is able to monitor the well-being of our employees, and identify focus areas for improvement in subsequent years. In 2016 we had an impressive response rate to the survey of 90.74%. The survey's outcomes are shared with our employees via the intranet.



Jobs quality

Stimulating sustainable economic growth

“By 2022 we will have created at least 300 additional high quality full-time jobs in developing countries”.

According to the Organisation for Economic Co-operation and Development (OECD), economic growth is the most powerful instrument for reducing poverty and improving the quality of life in developing countries. LC Packaging contributes to increasing quality employment: A crucial tool in delivering higher growth. A quality job includes: a fair earnings level, security in the labour market, a balance between work and life-style, with an acceptable level of working hours, as well as a safe and healthy working environment.

Baseline

On 1 January 2017 we were employing 81 colleagues in South Africa and the Ivory Coast and 781 employees in Bangladesh. A total of 862 quality jobs in developing countries.

Our approach

- Auditing our current jobs in developing countries using ILO and OECD frameworks and making adjustments in order to increase job quality when required.
- Expanding both our operations in Bangladesh and South Africa, by investing our profit back into the company.
- Creating new high quality jobs by opening a second production location in Bangladesh and by adding an extra shift to our production facility in South Africa.
- By expanding our production, we will create more supervisory and management positions, which we attempt to fill from within the company, with the help of additional internal training sessions.

Measuring progress

Our success will be measured by:

- The amount of full-time high quality jobs we create in developing countries in 2022



**Organisation for Economic
Co-operation and development
(OECD):**

"The quality of our job has a major impact on our lives. Good quality jobs help people to develop their skills, fulfil their ambitions and make them feel useful in society. People who hold quality jobs are generally healthier and more productive."



High quality jobs

LC Packaging has approximately 1,000 quality jobs worldwide, which pay better than just a living wage and which offer a high quality working environment. We are committed to expanding our operations worldwide, especially in developing countries and creating even more high quality jobs by 2022, so contributing to the UN Sustainable Development Goals: decent work and economic growth.



Profit investment

At LC Packaging we invest all our profit back into the company, allowing us to further develop our production locations in Bangladesh and South Africa, this has already led to around 850 high-quality local jobs in developing countries. In addition to this, we invest our profit in other areas, improving the working environment, personal development and local communities, while carrying out innovation and introducing environmentally- friendly solutions and infrastructure.



Employee development

Don't waste talent

“By 2022, 80% of our employees will be satisfied with the internal development opportunities provided by LC Packaging”.

One of the outcomes of the employee satisfaction survey in 2015 and 2016 is the desire for more and better opportunities for personal development. Therefore one of our areas of focus is to identify and nurture talent, and create beneficial opportunities for personal development at all levels of the company. With extra attention being given to diversity within the organisation. Our motto when it comes to the development and preservation of our employees is: **Don't Waste Talent!**

Baseline

In 2016, 65.3% of our employees said that they are satisfied with the internal development opportunities provided by LC Packaging.

Our approach

- Conducting internal research to identify exact personal development needs
- Setting-up an internal development program, based on the outcomes of the research
- Implementing an online training tool for all LC employees and offering general job-related training sessions and custom-made LC-related training sessions
- Further rolling-out our Talent Excellence management tool to encourage personal development

Measuring progress

Our success will be measured by:

- Results of the 2022 Employee Satisfaction Survey



Employee development:

"Employee development is a joint initiative involving employees as well as the employer, to upgrade existing skills and knowledge of an individual".



Talent excellence

To stimulate personal development, recognize talent and measure performance better, in November 2015 LC Packaging introduced an online application for performance and talent management: Talent Excellence. With this tool our employees and the management formulate and track (personal) development goals. To achieve these goals, necessary (external) training and courses are required. In 2016, 20% of our employees completed an external training session or course and/or are undergoing one at the moment.



Diversity

LC Packaging strongly believes that workplace diversity is a driver for commercial success. We embrace diversity in any form, from age, gender and sexual orientation to race and religion. For our offices in all countries we prefer to work with local employees with all kinds of different backgrounds. At this moment there are two main areas of focus when it comes to diversity: The position of women in management/leadership positions through the whole company and the BEE program in South Africa specifically.



Community development

Improving the well-being of local communities

“By 2022 we will have made a significant contribution to the well-being and development of the local communities in which we operate”.

At LC Packaging we not only aim to improve the lives of our own employees and those of our production partners, we also feel responsible for the well-being of the community in which we operate. With a physical presence in 16 countries in Africa, Asia and Europe, we see that local communities are facing challenges which have a negative impact on their living standards. This could be due to a lack of food, clean water or healthcare, but also because of environmental issues and waste problems that affect each and every one of us in the long-run.

Baseline

In the past few years LC Packaging has randomly sponsored many initiatives around the world and our employees have rolled up their sleeves to help out in the local community. In January 2017, we established the LC Supports Foundation to structure and bring together all CSR initiatives and activities.

Our approach

- Setting up 2-year strategy, guidelines and a budget for community development projects
- Identifying global initiatives that qualify for long-term support from LC Supports Foundation
- Where possible, visiting these selected charities and determining a strategy to provide long-term support (ABCD model) and with which resources
- Setting up internal and external communications about our initiatives and involving employees in the selection process and the actual (on-site) contribution

Measuring progress

For each project we separately identify the scope and the tools for measuring the outcome.



"Goodness is the only investment that never fails".

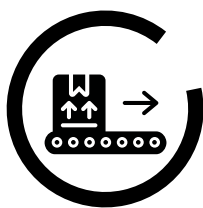
– Henry David Thoreau



LC Supports Foundation

In 2017, LC Packaging has established the LC Supports Foundation. The objective of our foundation is to contribute to improving the welfare and environment of countries where LC Packaging is directly or indirectly active, in the broadest sense of the word. With this foundation we support sustainable projects that have a clear connection to the activities and to the hearts of LC Packaging or our stakeholders. The themes of the projects depend on the needs of the local communities and can contribute to any of the 17 Sustainable Development Goals.

Please Visit: www.lcsupportsfoundation.com



Supply chain

Creating supply chain sustainability

LC Packaging's most significant impact on the environment, society and economy occurs in our supply chain. We believe that by working together, buyers, suppliers and governments can collaborate to improve the impact of business on people, the planet and economies around the world: A strong driver for success and simply the right thing to do.

Supply chain

Ambassador

Marcel Schouten

Director FIBC

LC Packaging



"We believe that, together with our partners, we can build a socially and environmentally responsible global supply chain, which will bring benefits for all parties involved".

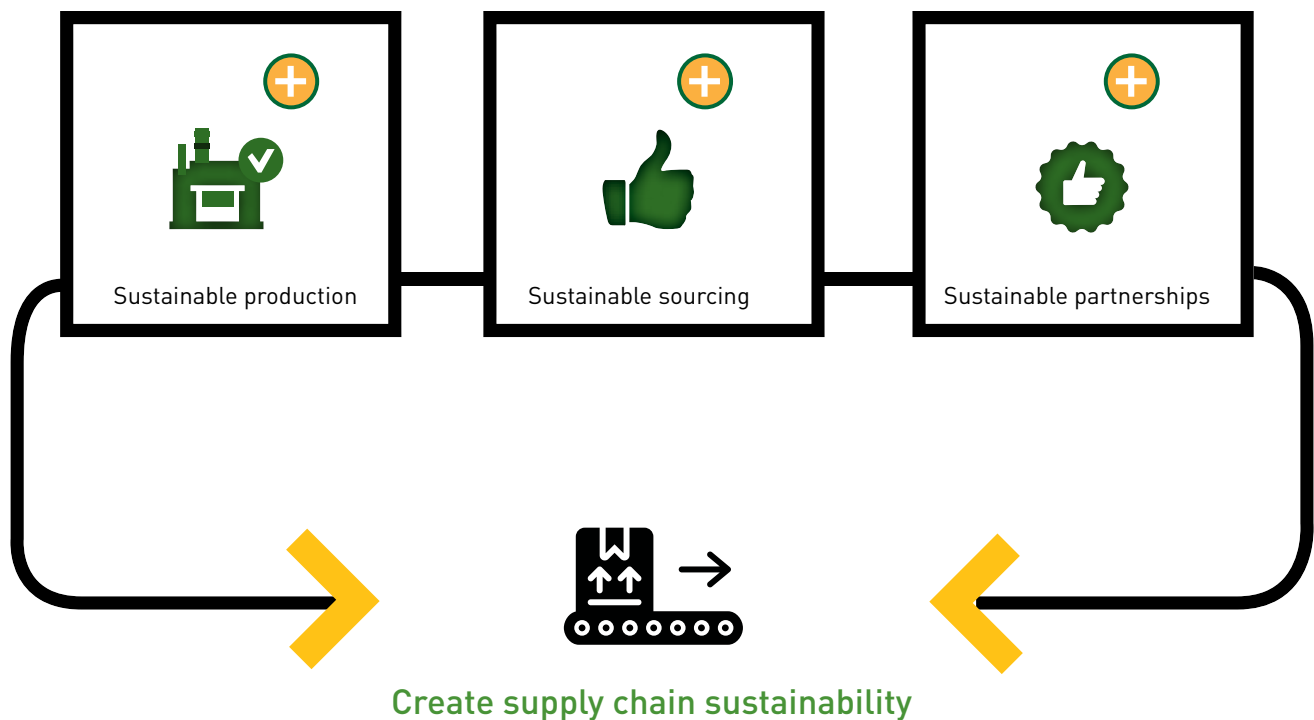
UN Global Compact:

"The objective of supply chain sustainability is to create, protect and grow long-term environmental, social and economic value for all stakeholders involved in bringing products and services to the market".

Creating supply chain sustainability.

Creating supply chain sustainability is one of our four areas of commitment. Within this area of commitment we have identified three areas of focus, and for each focus area we have set a target for 2022.

Supply Chain



TARGETS



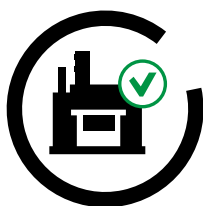
By 2022 we will have undertaken important steps to significantly improve the sustainability of our in-house FIBC manufacturing activities.



By 2022, 100% of our production partners will have signed our Supplier Code of Conduct and will be acting accordingly.



By 2022 we will have increased and strengthened our sustainable partnerships with our stakeholders and together will have made a significant contribution to the goals.



Sustainable production

Contribute to sustainable development

“By 2022 we will have undertaken important steps to significantly improve the sustainability of our in-house FIBC manufacturing activities”.

At LC Packaging we value long-term benefits over short-term profit. We believe we can thrive by investing in well-designed safer products, resource- efficient technologies and processes and trained, satisfied employees. Investment in sustainable production is an investment in long-term growth. By improving the efficiency of our production processes and products, we want to contribute to sustainable development and green growth.

Baseline

To get an inside picture of the sustainability of our FIBC manufacturing activities, in 2017 we have conducted research in order to analyse the environmental impact of our inputs and operations in our own production locations in Bangladesh and in South Africa and the impact of our FIBC products in general. The outcomes of this research have formed the baseline for our improvement activities.

Our approach

- Conducting environmental impact research in 2017, including the calculation of an energy, water, greenhouse gasses and waste footprint
- Creating a 5-year 'Sustainable Production Plan' for our FIBC production locations in Bangladesh and South-Africa
- Identifying sustainable manufacturing targets for involved individuals/departments/entities
- Communicating messages, tasks and responsibilities to all those involved within the company
- Yearly reporting on progress, evaluation and preparation next steps
- Conducting environmental impact research in 2022

Measuring progress

Our success will be measured by:

- Environmental impact research outcomes in 2017 and 2022



Dutch-Bangla Pack Ltd.

Established in 2007, Dutch-Bangla Pack Ltd. is our FIBC production location in Bangladesh. At the moment we employ approximately 850 employees and produce around 2 million big bags every year. Dutch-Bangla is an advanced member of the UN Global Compact and is one of the only three manufacturing locations in Bangladesh that is SA 8000 certified: the leading global standard for CSR. In addition to that, Dutch-Bangla is ISO 9001, ISO 14001, OHSAS 18001 and FSSC 22000 certified, has a state-of-the-art cleaning room and offers food-safe production.



LC Shankar Ltd.

Established in 2013, LC Shankar Ltd. is our FIBC production location in South Africa. At the moment, we employ approximately 70 employees and produce around 450,000 big bags every year. LC Shankar fully complies with the UN guidelines on business and human rights and is ISO 9001 certified. In the coming year we will be expanding our production capacity at LC Shankar, which also means that we are going to create more high quality jobs. As with Dutch-Bangla, LC Shankar is taking important steps to reach the highest level of sustainability.



Sustainable sourcing

An integral part of our business

“By 2022, 100% of our production partners will have signed our Supplier Code of Conduct and is acting accordingly.”

Sustainable sourcing is the integration of social, ethical and environmental performance factors into the process of selecting suppliers. As an international company we feel we have to take responsibility for our production partner's environmental, social and ethical practices. To understand and manage the risks in the supply chain, we make sustainable sourcing an integral part of our procurement and supply chain management process.

Baseline

As of 1 January 2017, 25 of our 71 production partners had signed our Supplier Code of Conduct. As of this moment we have not yet conducted specific audits on this topic to verify this.

Our approach

- Educating our employees and integrating our ethical sourcing principles and values into our supplier selection process and buying practices
- Clearly communicating our expectations to production partners
- Educating and supporting production partners in setting their own business standards
- Evaluating production partners that do not comply with the Code. Based on the degree of non-compliance, either requiring adjustments or ending the partnership
- Setting up and implementing monitoring tool/processes to measure supplier performance on Code of Conduct principles, resulting in yearly audits by our dedicated
- Quality Department.
- Carrying out yearly reporting on progress, evaluation and preparation for subsequent steps to be taken

Measuring progress

Our success will be measured by:

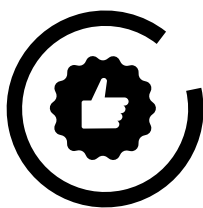
- Signed Supplier Code of Conduct
- LC Packaging Audit Reports



Supplier code of conduct

In 2016, LC Packaging translated its expectations into a clear set of guidelines that provides directives for our production partners: The LC Packaging Supplier Code of Conduct. In this document, based on the UN principles on business and human rights and SA 8000 guidelines, our ethical sourcing principles and values are embedded. We expect our production partners to comply with these principles and with national laws and act accordingly to take proactive measures to avoid environmental and social harm.





Sustainable partnerships

Ingredient for sustainable development

“By 2022 we will have increased and strengthened our sustainable partnerships with our stakeholders and together will have made a significant contribution to the goals.”

Sustainable relationships are the key to our success. Already since the establishment of the company in 1923 we have built long-term relationships with our stakeholders, ensuring stability and profitability. Transparency and trust are key, as we are an important part of each other's growth strategy and have direct influence on each other's well-being. Furthermore, we believe a successful sustainable development agenda requires partnerships between governments, the private sector and civil society.

Baseline

Since its beginnings, LC Packaging has maintained sustainable partnerships with a large number of stakeholders. However, consciously cooperating to actively contribute to the global goals, is a new but consistent topic on the agenda.

Our approach

- Identifying and categorising stakeholders and existing sustainable partnerships
- Intensifying existing sustainable partnerships and identifying and initiating desired sustainable partnerships
- Contacting key partners to identify how we can contribute together to global goals, such as for example: development of sustainable packaging solutions, community support initiatives or goal awareness creation activities within the supply chain.
- Involving key stakeholders in our sustainable activities and practices
- Setting up stakeholder communications and events on sustainable partnership topics and initiatives

Measuring progress

Our success will be measured by:

- Sustainable partnership cases between 2017-2022 that have successfully contributed to the global goals
- For each partnership initiative or activity we separately identify the scope and the tools for measuring the outcomes



Employees

Our employees are part of the LC Family. As a family-owned business we realise the importance of loyal and dedicated staff. We hire our employees with the hope they remain with the company for a lifetime and actively invest in their well-being and personal development. Our people are our greatest asset.



Production partners

We call our suppliers our production partners. On average we have had a relationship of 25 years with our top ten production partners. With some partners we have even done business for more than 40 years and they are truly part of the LC Packaging family. We are loyal to our production partners, invest in our partnerships, and we do not shop around.



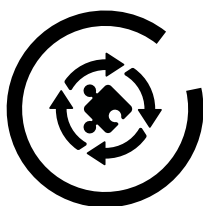
Customers

We consider our customers our business partners. Some of these partnerships have existed since the company's initial creation. We always look at our relationship from a long-term perspective and at where mutual advantages should prevail. Our customers' opinions are key to our service, business and therefore future. Together with our customers we work on product development, sustainable business processes, knowledge sharing and centralised supply chain activities and sustainability.



Other stakeholders

Next to the three stakeholder groups mentioned above, LC Packaging has a solid relationship with creditors, governmental institutions, local active institutions, NGOs and other social interest organisations.



Solutions

Developing sustainable packaging solutions

We believe packaging can be transformed into a closed-loop flow of packaging materials in a system that is economically robust and which provides benefits throughout its lifecycle. Creating a sustainable packaging system takes time, energy, investment and partnership and we are determined to improve the lifecycle of our packaging products one step at a time, while minimising the environmental and social impact.



Solutions

Ambassador
Nick Jansen

Director Europe
LC Packaging

"We want to offer our customer the most sustainable packaging solutions that meet market performance and cost criteria, but which are also beneficial, safe and healthy for individuals, communities and the environment throughout the lifecycle".

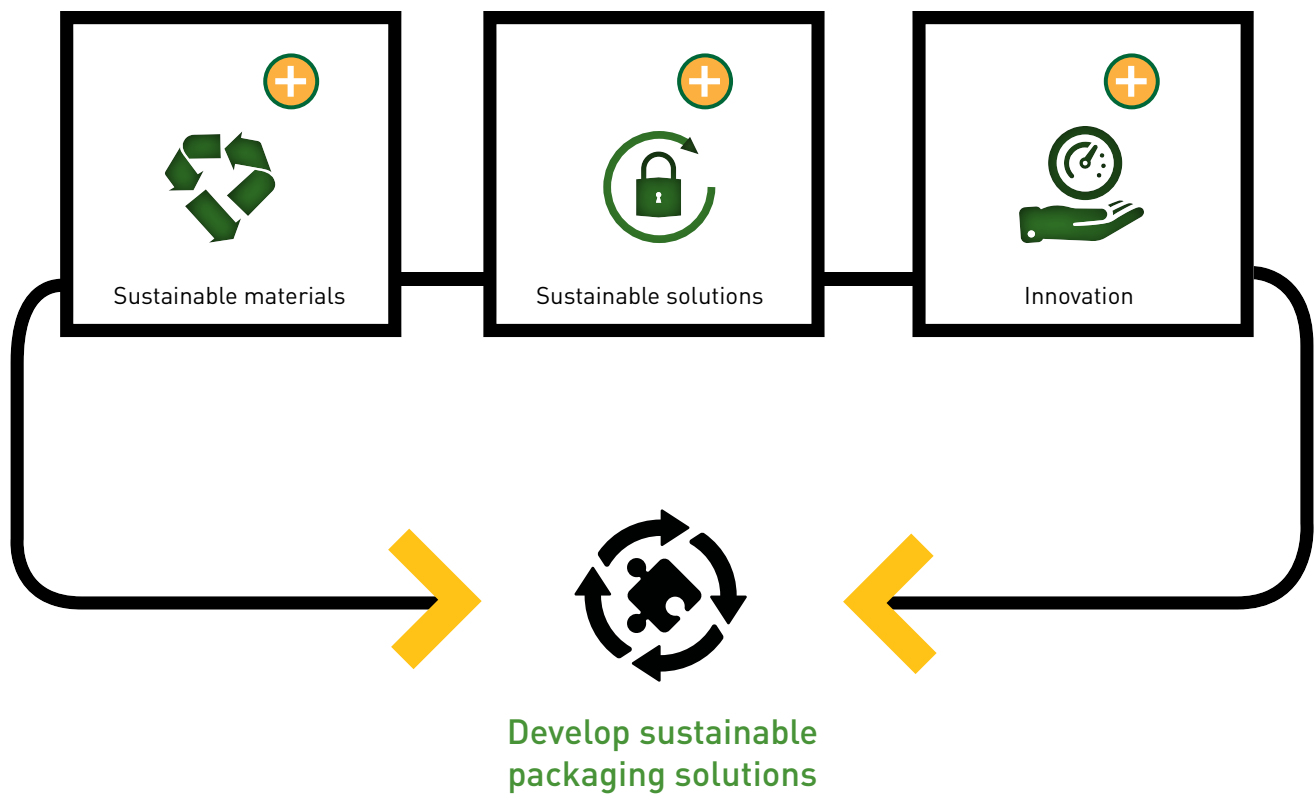
Sustainable Packaging Coalition:

Sustainable packaging is beneficial, safe and healthy for individuals and communities throughout its lifecycle, meets market performance and cost criteria and is manufactured using clean production technologies and the best practices.

Developing sustainable packaging solutions

Developing sustainable packaging solution, is one of our four areas of commitment. Within this area of commitment we have identified three areas of focus and we have set two targets for 2022.

Solutions



TARGETS



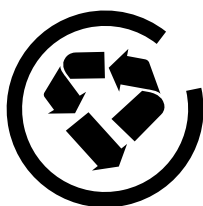
By 2022 we will have minimised the waste associated with our packaging.



By 2022 we will have significantly reduced the waste of (food) products during storage and transport, in our packaging.



By 2022 sustainability will be fully integrated in our innovation processes leading to sustainable operations and packaging solutions.



Sustainable materials

Less is more

By 2022 we have minimised the waste associated with our packaging.

We always continue to improve our packaging, so that fewer resources are needed. When choosing materials for our products we consider the impact of these materials throughout the product lifecycle. Not only during production, but also during the phase of using the packaging and the end-of-life phases of the packaging: can the product be recovered, recycled or reused?

Baseline

Together with our production partners we will be conducting research on existing packaging solutions or new packaging solutions to analyse the type of materials used and the amount of waste related to these solutions in order to come up with more sustainable packaging.

Our approach

- Together with our production partners, customers and branch organisations/research centres, working on solutions to use less materials in our packaging products
 - Together with our production partners, customers and branch organisations/research centres, Working on solutions to use more sustainable materials in our packaging products
 - Actively promoting our big bag reconditioning service (WorldBag) to customers
- Offering or supporting second-life initiatives for the re-use of our packaging products

Measuring progress

Our success will be measured by:

- Research material use and waste 2017 and 2022



Sustainable materials

When it comes to our packaging products, we try to work with sustainable materials as much as possible. Where possible, we use packaging made from natural raw materials, such as jute (100% biodegradable) and PP and cardboard (100% recyclable). Also, we prefer to use inks and coatings that are safe for human and environmental health: In most cases our bags are printed using water-based paints.



Big bag reconditioning service

WorldBag B.V. is our big bag reconditioning service. Big bags with a safety factor of 6:1 or higher can be re-used several times. We collect used big bags all over Europe, check, clean and repair them. Ready for re-use, the bags are then delivered to our customers in pristine condition. With this closed-loop formula, WorldBag offers a unique and efficient sustainable solution. www.worldbag.com

Please Visit: www.worldbag.com



Sustainable solutions

Protection of valuable products

“By 2022 we will have significantly reduced the waste of (food) products during storage and transport, in our packaging”.

We always strive to offer our customers the most sustainable packaging solutions. From packaging designed to preserve and protect products and prevent contamination, to minimising waste during storage and transport. We want to make sure as many valuable products as possible reach the market place and remain intact.

Baseline

At this moment we are working on several solutions to prevent the waste of products during transport, such as, for example, the Ventilated big bags and the Vento Jute bag, that allows its cargo, like potatoes or wood logs, to breathe and prevents contamination. Also we provide special bags for the transport and storage, for example, of saw dust and clean food packaging to safely transport baby powder.

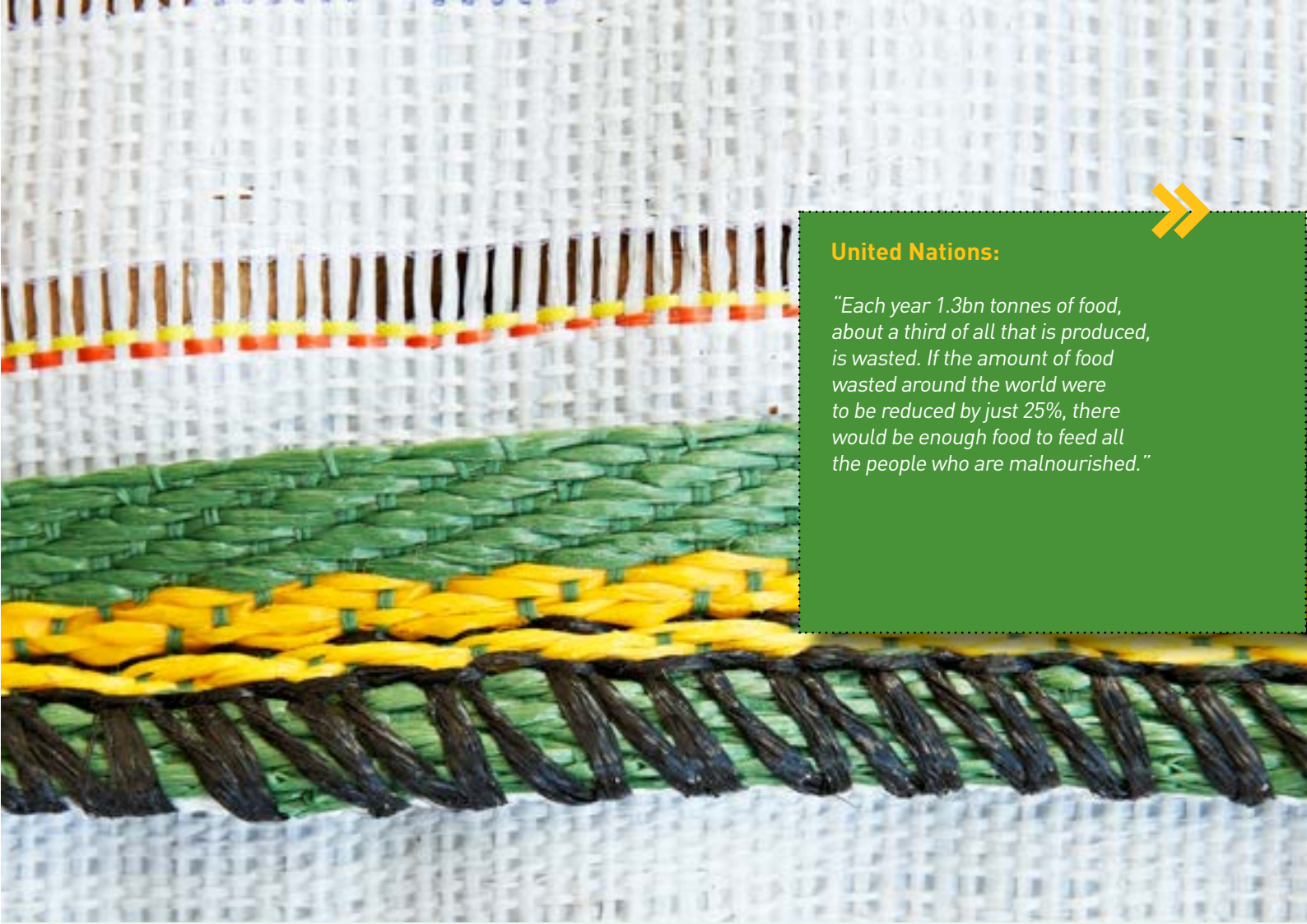
Our approach

- Further develop packaging solutions to prevent waste that we are working on at the moment.
- Organise customer meetings to identify 'product waste' problems and new opportunities.
- Work together with customers, production partners and branch organisations/ research institutes to come up with packaging solutions to prevent waste of products.
- Start onsite trials with packaging products.
- Share knowledge and awareness for the goals

Measuring progress

Our success will be measured by:

- The intensity and success of our sustainable packaging solutions to prevent waste of products during storage and/or transport.



United Nations:

"Each year 1.3bn tonnes of food, about a third of all that is produced, is wasted. If the amount of food wasted around the world were to be reduced by just 25%, there would be enough food to feed all the people who are malnourished."



Ventilated packaging

For the packaging, transporter storage of potatoes, onions, beans or similar products we provide ventilated big bags or Vento Jute bags. Through a set number of specially developed ventilation stripes, this type of packaging allows fresh air to circulate, allowing the products in the bag to 'breathe' and stay as dry as possible. This reduces the chance of contamination such as mould and possible loss claims. These bags provide improved travel conditions and help the products to arrive at their destination in the best condition possible.



Food-clean packaging

To avoid contamination of sensitive food products and the disastrous consequences this may have for a company or an entire industry, in 2017 we launched the LC Packaging Food Safe Assurance Programme. With this programme, we offer the food industry the cleanest and safest big bags that meet the highest industry standards and produced according to the highest production and testing standards in state-of-the-art clean-room facilities. We are fully certified on food safety and the quality of our products is assured by our dedicated Quality Department.

lc packaging®

Solutions





Innovation

Key ingredient for our future

“By 2022 sustainability will be fully integrated into our innovation processes leading to sustainable operations and packaging solutions”.

LC Packaging operates an innovative approach to packaging. We believe transformation, innovation and optimisation is key for the future of our company, our employees, our partners and our customers. We focus on improving infrastructure and our operations and creating innovative packaging solutions that support our customers as they seek to meet the needs of consumers, while also reducing their impact on the environment.

Baseline

Although sustainability is an important topic on our agenda and we always try to keep the sustainability aspect in mind, we have not yet fully integrated this topic in our innovation processes.

Our approach

- Including sustainability in our quality management systems
- Including sustainability in KPI's for innovation projects
- Developing tools to generate data and measuring our corporate performance and the performance in our production locations
- Participating in industry initiatives to create industry standards and measuring the environmental impact of our products

Measuring progress

Our success will be measured by:

- The presence of the 'sustainability aspect' in our innovations and the achieved KPI's
- The usage of sustainability performance measuring tools and application of the outcomes in our innovations
- The number of initiatives/projects we are connected to and/or participating in





Environment

Minimising our impact on the environment

Our daily business, while important for economic growth and the development of society, also has a huge impact on the environment. LC Packaging is working hard to address our environmental impact and minimise this impact, by for example reducing waste and by minimising the use of valuable resources.



Environment

Ambassador

Edwin de Bruin

CFO

LC Packaging

"As a responsible company with own manufacturing facilities we worry about natural resources running out. A better life starts with you, just like when it comes to 'cleaning up your own practices first. And that is exactly our focus for the next five years".

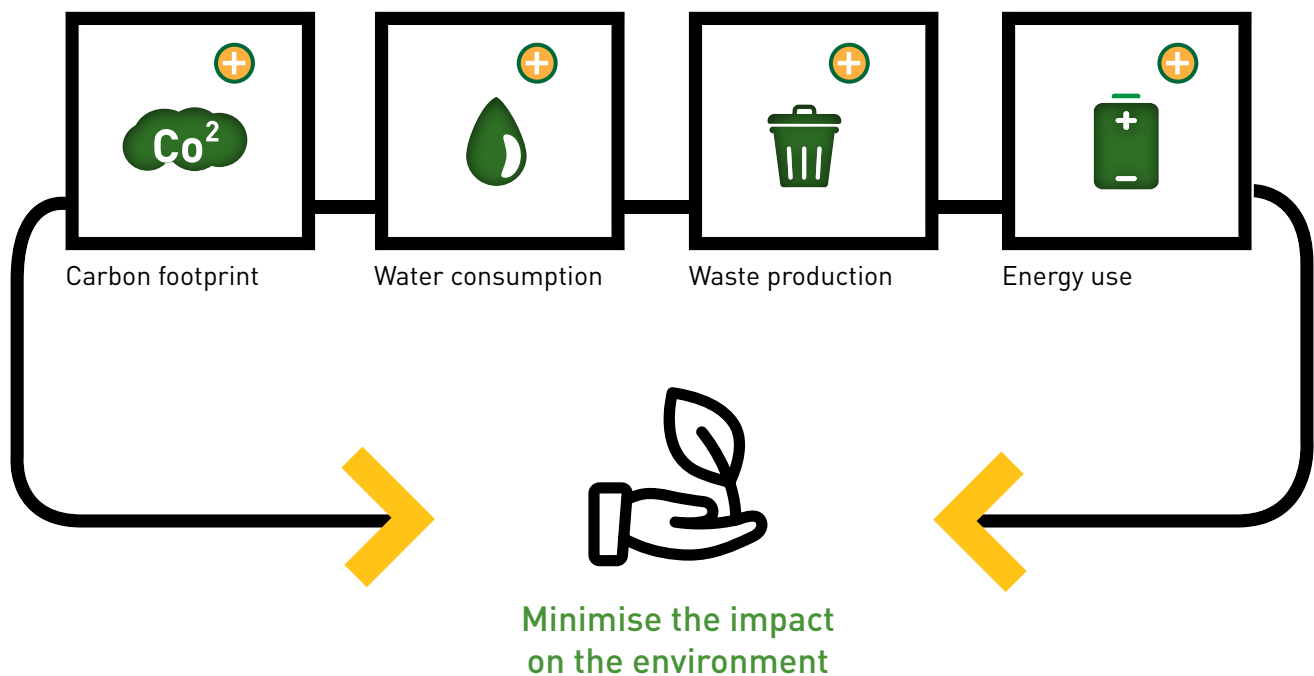
Environmental footprint:

"Every organisation should work towards a zero environmental footprint by conserving, restoring and replacing the natural resources used in its operations."

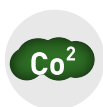
Minimising the impact on the environment:

Minimising our impact on the environment is one of our four areas of commitment. Within this area of commitment we have identified four areas of focus and for each focus area we have set a target for 2022.

Environment



TARGETS



By 2022 our carbon footprint will have been reduced by 25%.



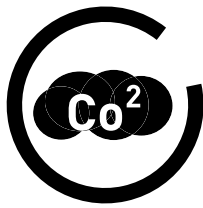
By 2022 the amount of water used in our daily operations will have been reduced by at least 10%.



By 2022 the amount of waste generated in our daily operations will have been reduced by 40%.



By 2022 the energy use in our daily operations will have been reduced by at least 10%.



Carbon footprint

Beat global warming

“By 2022 our carbon footprint will have been reduced by 25%.”

Increased greenhouse emissions is the primary event associated with climate change that has led to global warming. Our carbon footprint is having a profound effect on the environment, wildlife and human health. Climate change even affects local economies depending on resources. Therefore becoming aware of our carbon footprint and reducing this footprint has become an important goal on our sustainability agenda.

Baseline

In 2016 the total emissions of the LC sales offices, our production locations and our WorldBag reconditioning service was 6,153,649 Kg Co2. (Corporate Environmental Footprint 2016, Except Integrated Sustainability, November 2017).

Our approach

- In 2017; conducting a corporate environmental footprint research including a comprehensive calculation of our carbon footprint to generate a baseline
- Developing tools to generate data and annually measure our footprint
- Developing a plan to reduce the carbon footprint and include KPI's on CO2 reduction into our daily operations
- Participation in (industry) initiatives to create awareness about the impact of greenhouse gas emissions

Measuring progress

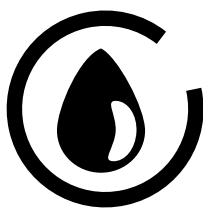
Our success will be measured by:

- The outcomes of the 2022 environmental footprint research, compared to the outcomes of the 2017 research.



Sustainability
Vision 2022

lc packaging®



Water consumption

Addressing the global water crisis

“By 2022 the amount of water used in our daily operations will have been reduced by at least 10%.”

Reducing water consumption is one of the means of addressing the global water crisis. Therefore in the years to come, LC Packaging will be strongly focusing on water savings, through a combination of altering behaviour patterns, modifying and/or replacing equipment to reduce overall water consumption and increasing internal re-use.

Baseline

In 2016 the total water consumption of the LC sales offices, our production locations and our WorldBag reconditioning service was 18,698 m3. (Corporate Environmental Footprint 2016, Except Integrated Sustainability, November 2017).

Our approach

- In 2017; conducting a corporate environmental footprint research including a comprehensive calculation of our water consumption to generate a baseline
- Developing tools to generate data and annually measure our consumption
- Developing a plan to reduce our water consumption and include KPI's on water use into our daily operations
- Participating in (industry) initiatives to create awareness about the impact of water consumption and advice on reduction

Measuring progress

Our success will be measured by:

- The outcomes of the 2022 environmental footprint research, compared to the outcomes of the 2017 research



Waste reduction

Reduce, reuse and recycle

“By 2022 the amount of waste generated in our daily operations will have been reduced by 40%.”

Everything we waste adds to our environmental footprint. LC Packaging is actively working on the three R s: Reduce, Re-use and Recycle. We understand that the largest amount of waste is produced in our manufacturing environment: in the transport of materials and the manufacturing process itself. Waste reduction in our manufacturing environment is therefore an important subject on our sustainability agenda.

Baseline

In 2016 the total waste production of the LC sales offices, our production locations and our WorldBag reconditioning service was 1,578,791Kg. (Corporate Environmental Footprint 2016, Except Integrated Sustainability, November 2017).

Our approach

- In 2017; conducting a corporate environmental footprint research including a comprehensive calculation on our corporate waste production
- Developing tools to generate data and annually measure waste production
- Developing a plan to reduce our waste production and include KPI's regarding this topic into our daily operations
- Participating in (industry) initiatives to create awareness about the impact of waste on the environment and society as a whole

Measuring progress

Our success will be measured by:

- The outcomes of the 2022 environmental footprint research, compared to the outcomes of the 2017 research



Energy use

Don't waste energy

“By 2022 the energy use in our daily operations will have been reduced by at least 10%.”

Reducing our energy use means that we must reduce the waste of valuable resources. At LC Packaging we try to reduce our energy footprint by energy efficiency – delivering the same (or more) solutions while using less energy – and to look into cleaner energy sources, like, hydro-power, wind power and solar energy.

Baseline

In 2016 the total energy consumption of the LC sales offices, our production locations and our WorldBag reconditioning service was 14,968,603 kWh. (Corporate Environmental Footprint 2016, Except Integrated Sustainability, November 2017).

Our approach

- In 2017; conducting a corporate environmental footprint research including a comprehensive calculation of our energy use to generate a baseline
- Developing tools to generate data and annually measure our use
- Developing a plan to reduce our energy use and include KPI's on energy usage into our daily operations
- Participating in (industry) initiatives to create awareness about the impact of energy use and the use of valuable resources

Measuring progress

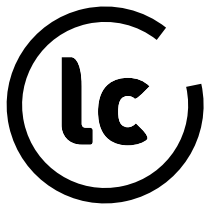
Our success will be measured by:

- The outcomes of the 2022 environmental footprint research, compared to the outcomes of the 2017 research



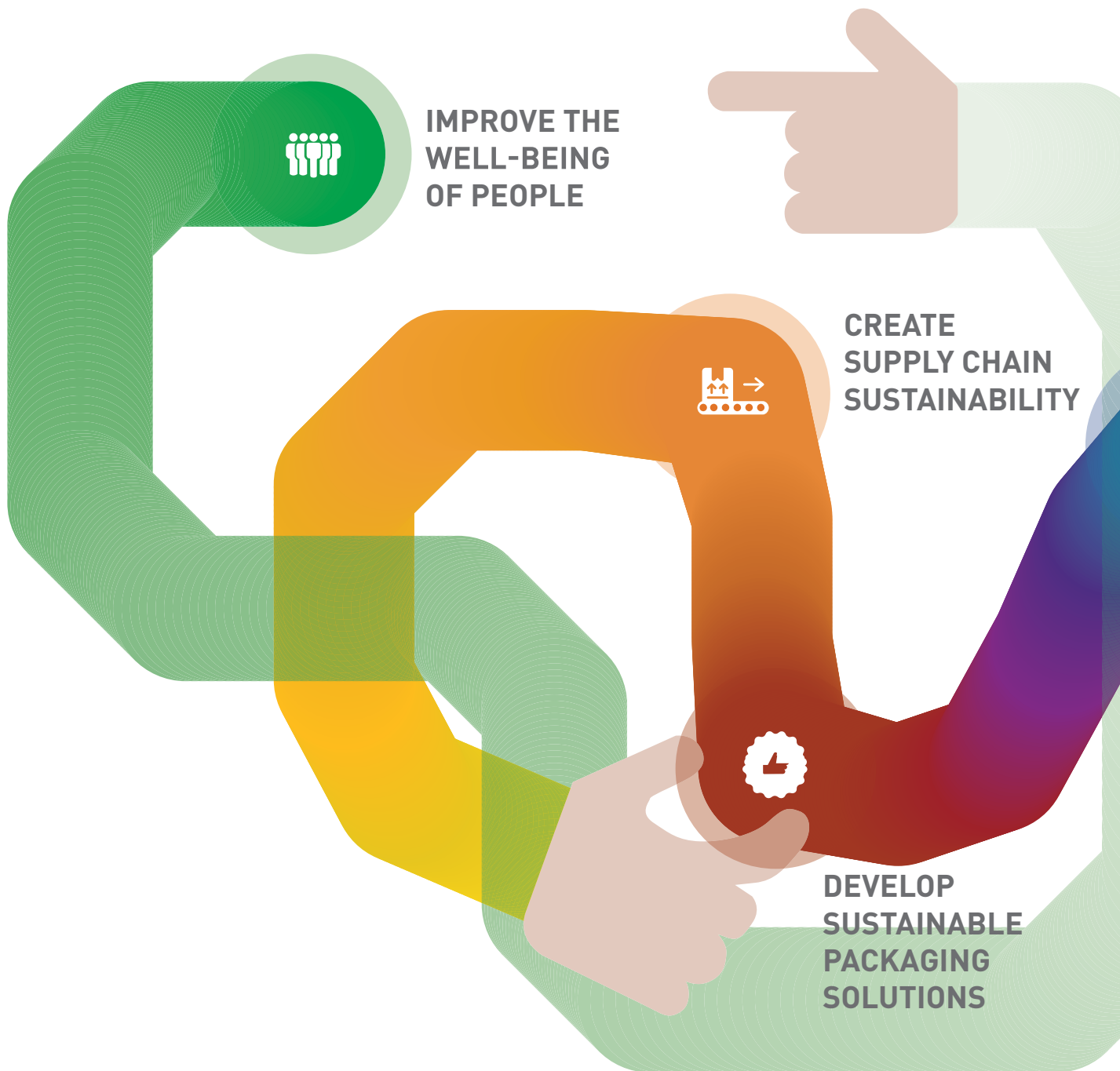
Sustainability Vision 2022

lc packaging®



LC's areas of commitment

LC Packaging commitment to sustainability



**A BETTER WORLD FOR
FUTURE GENERATIONS
TO ENJOY**



**MINIMISE THE
IMPACT ON THE
ENVIRONMENT**



lc packaging®

supporting your products

Your partner in sustainable packaging solutions

LC Packaging strives to include all stakeholders in its quest to provide sustainable packaging solutions, while minimising the impact on the environment, the waste of valuable products and enriching the communities in which we operate.



LC Packaging International BV

Head office:

Hoogeveeneweg 150
2913 LV Nieuwerkerk a/d IJssel
The Netherlands

P.O. BOX 137
2910 AC Nieuwerkerk a/d IJssel
The Netherlands

T +31 (0)180 39 38 37
F +31 (0)180 39 38 99

info@lcpackaging.com
www.lcpackaging.com

lc packaging®



info@lcpackaging.com

www.lcpackaging.com