FEBRUARY 2023

Let's take care of our earth



because we care

What does Koen Pack itself do about sustainability and the environment?

"Koen Pack has set itself a goal in the field of flower and plant packaging to inform customers about the different ways of dealing with sustainability*."

*Bron: Go Green Campagne

Koen Pack
the personal touch

The Personal Touch

Koen Pack is an experienced supplier of flower and plant packaging and accessories. Our mission is to make flowers and plants all over the world even more beautiful, with respect for people and the environment and with The Personal Touch.



Koen Pack and sustainability

WHAT DOES KOEN PACK DO ABOUT SUSTAINABILITY?

SOLAR PANELS
On the roof of our building you will find over 1000 solar panels

LED LIGHTS
Throughout the building LED lights are installed

WASTE MANAGEMENT
Sustainable waste management

CERTIFICATES
Certificates and participation in organizations FSC, BSCI and Sedex

PARTNERSHIP
Partnership with MVO Nederland

ORGANIZATIONS
Affiliated with Network organization Greenport and the NVGP

GO GREEN
Go Green Campaign with the sample book and tailor-made knowledge sessions

Sustainable Processing

We strive to use all released materials in the most sustainable way possible and, where possible, made suitable for reuse. We declare that we allow the released materials to return to the chain as much as possible. On the one hand as recycled material for new materials or as new raw material for equal ones or equivalent products. The products that cannot be recycled are used, among other things, for high-quality energy generation.

RECYCLING

Koen Pack believes in reducing the ecological footprint of all our products and thus the impact on the environment. Our PP and PE plastics are fully recyclable, and we are able to produce with biodegradable plastics currently available in the market.

We prefer recycling. It is important to educate consumers to actually recycle all materials. That is why - where possible - we display the recycle logo on our products.

SUSTAINABILITY VISION

Our world faces many sustainability challenges, in particular due to the increasing demand for and depletion of natural resources and climate change. waste management can make an important positive contribution to this. Recycling allows materials to serve as raw materials or as an energy carrier, which reduces the use of primary raw materials and limits CO2 emissions.

LED-LIGHTS

Throughout the warehouse LED lighting has been installed. Dynamic dimming is used, with a light output of 10% when not in use and 100% when driving in. The lighting in the warehouse has been thoroughly overhauled.

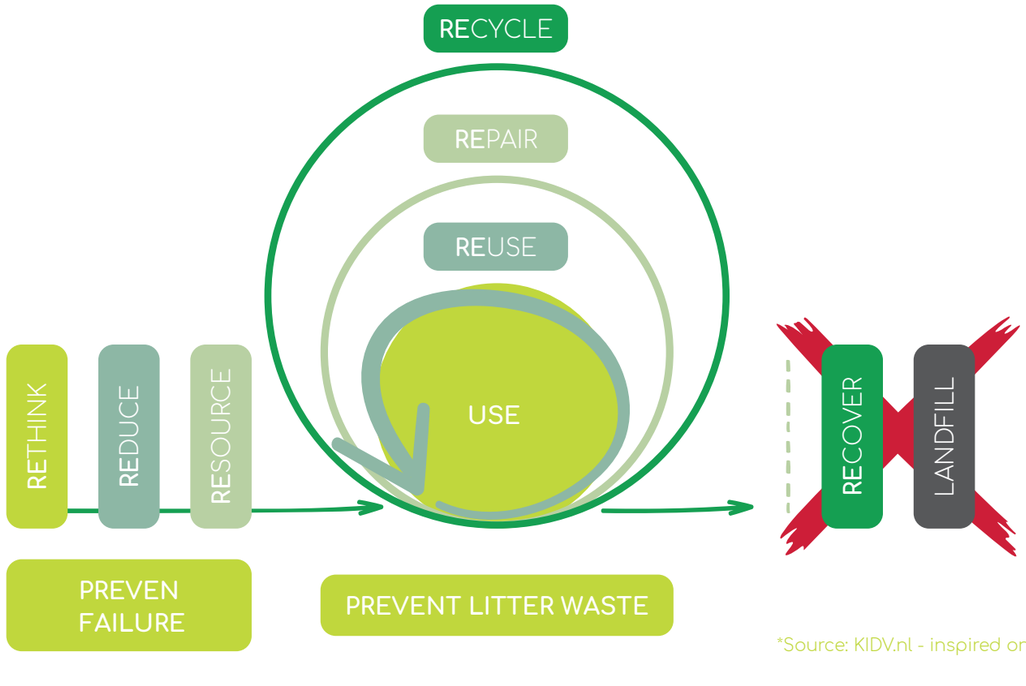
Despite the fact that the building dates from 2007, all fluorescent tubes have been replaced by sustainable LED lamps. The lighting in the office has also been replaced by the more economical LED variant. We are also responsible for CSR in this respect.

SOLAR PANELS

More than 1.000 solar panels have been installed on the roof and we are using green energy with this sustainable investment. This fits in with our intention of corporate social responsibility and contributes to the reduction of CO2 emissions.



Circular economy principles*



*Source: KIDV.nl - insoired on PBL

RETHINK
Redesigning product/packaging combinations to reduce environmental pressure. The product design has a direct impact on the recyclability and reusability of packaging. That is why we look at the reusability of articles after they have been marketed as flower or plant packaging. Examples: gift boxes, watering cans or deco picks that you can reuse as decoration the following year or have a practical purpose.

REDUCE
Use less packaging material. By using less packaging material, less waste is created after use. This reduces the burden on the environment.

RESOURCE
Using materials with a lower environmental impact (FSC certified paper and cardboard, recycled and biobased materials). The use of more recycled plastics limits the dependence on fossil fuels for the production of new plastics.

RECYCLE
Separation, sorting and recyclability. Design for Recycling. Packaging must be processed correctly. It is therefore essential that packaging can be separated, sorted and recycled in the current collection systems.

Waste policy



We want to indicate how we deal with waste and the materials released from it. We encourage and motivate our employees to ensure a basic separation. By reusing materials and generating energy, we try to prevent the use of primary raw materials as much as possible. With this we try to prevent CO2 emissions. We endorse the approach of our waste processors in terms of integral and consistent sustainability by reusing materials from the waste process.

COMMERCIAL RESIDUAL WASTE
The residual waste goes to two incinerators (HVC and AEB) where the industrial waste, based on space at the sorting installation, it passes through a sorting installation where the plastic, wood and paper are removed. It then enters the ovens where heat, energy and steam are recovered. These ovens also have very good smoke purification, so that there are little particulate matter and hazardous particles in the smoke. This processing is preferable to landfill, which is still common practice in many countries around us.

INK CARTRIDGES
All ink cartridges are collected at Koen Pack, not only from the regular printers, but also those from the Color Proof System with which the samples are printed. When the box is full, they are collected and recycled by EEKO.
With this we sponsor the charity, this year it's Cliniclowns. If you want to know more about this, please visit www.eeko.nl

EMPTY PLASTIC BOTTLES
Our promotional bottles are collected and because there is a deposit on them, they are returned to the supermarket in the regular flow of PET bottles.

FOIL
Waste foil is 100% offered for the production of new plastics. In this way, the use of virgin material (derived from oil) is reduced.

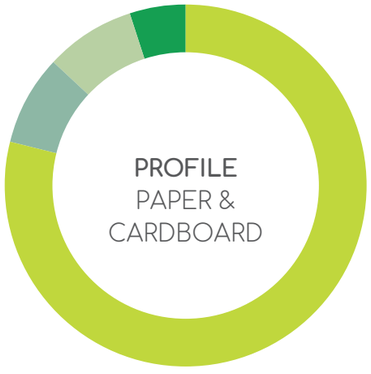
WOOD
The best wood that is collected goes to an MDF factory, where they make building boards. In this way, 75% of the wood is recycled. Part of the A-grade wood that comes from the companies is used to heat the composting tunnels of the GFT processing (green gas factory).

This is therefore a local biomass system that aims to heat the GFT of households and catering establishments and thus accelerate the composting process.
The biomass installation has no emissions of particulate matter, due to the special afterburning on the flue gas channel.

PALLETS

Pallets that can still be used are collected. The pallets are sorted upon arrival.
The entire pallets go into stock according to size. The repair pallets are repaired and then also go into stock. The waste pallets are shredded and used to make bedding for animals (A residual wood) or cat litter (mix A and B residual wood). If the B residual wood is less clean, it is used as fuel for our biomass installation (subsidized by the government with SDE).

Wooden pallets can be repaired in almost all cases, so that they can be used again for the pallet trade. By sorting and repairing, the waste is nil, which means that the burden on the environment is minimal.



RAW MATERIAL	79%	GREEN ENERGY	8%
GRAY ENERGY	8%	RESIDUE	5%

PAPER AND CARDBOARD

The paper and cardboard goes to processing where the cardboard is separated from the paper. The cardboard goes to a special cardboard factory that turns it into new cardboard products for many applications such as packaging, packages, etc. Paper and cardboard machines press the paper pulp into new paper or cardboard. The paper rolls, solid cardboard or molded cardboard that rolls off the machine after drying are used in paper and cardboard products.

The paper goes to the paper mill where it is de-inked and then made into a large "papier-mâché" bath in a large bath, after which it can be processed into many products such as: newsprint. 85% of the paper produced in the Netherlands and cardboard is made from (part of) waste paper and cardboard.

Disadvantage: it requires a lot of water and energy and that is currently both a bit more difficult than before.

The advantage is that the demand for cardboard has increased considerably since the corona period, so that paper recycling is still going very well.

The paper and cardboard that remains is 100% offered for recycling. Through a collaboration with DS Smith, cardboard waste is turned into new cardboard.

ARCHIVE DESTRUCTION

After 'closed' collection, the archive paper goes through a shredder, where the plastics, such as folders and leaflets, are removed and then the paper goes in bales to the paper factory, where they make the following products from the white paper: toilet paper, hygiene products and towels for the toilets.
Part of it is also used for the production of recycled paper.

SUSTAINABILITY & ENVIRONMENT | WHAT DOES KOEN PACK DO?

Collaboration in the supply chain

Supply chain collaboration ensures a fully controllable and traceable recycling solution.

DS Smith, the leading sustainable packaging company and Europe's largest recycler of paper and cardboard, and Koen Pack have collaborated on a tailor-made Closed Loop Recycling System. The unique recycling system means that 100% of Koen Pack's cardboard waste is fully controllable and traceable, and new boxes are guaranteed to be made. The cardboard waste is collected by local partner Nijssen Recycling and packed in bales for collection by DS Smith.

Bales of cardboard are regularly collected for recycling and taken directly to De Hoop paper mill for pulping to produce the recycled brown liners. These brown liners are used by the DS Smith Packaging Plant to make the new flower and plant boxes, which will be returned to Koen Pack. This is all part of the 14 day 'box to box' packaging recycling process that underpins DS Smith's sustainable business model.

COLLABORATION WITH OUR CARRIER

Together with one of our regular carriers, we ensure that orders are delivered to customers in the Netherlands in no time. What are they doing to ensure that the footprint is reduced? Van der Slot Transport has taken a number of measures to reduce the burden on the environment. Rainwater is collected and used for flushing toilets and washing cars. They have also installed solar panels on the roof of the office. Our carrier uses Euro 6 engines, which are the cleanest diesel engines currently available.
The vehicles are electrically cooled, so that no additional diesel engines are required. By loading the auction trolleys on average 20% more efficiently and through good planning, we mainly drive with full trucks, which results in less traffic on the road."

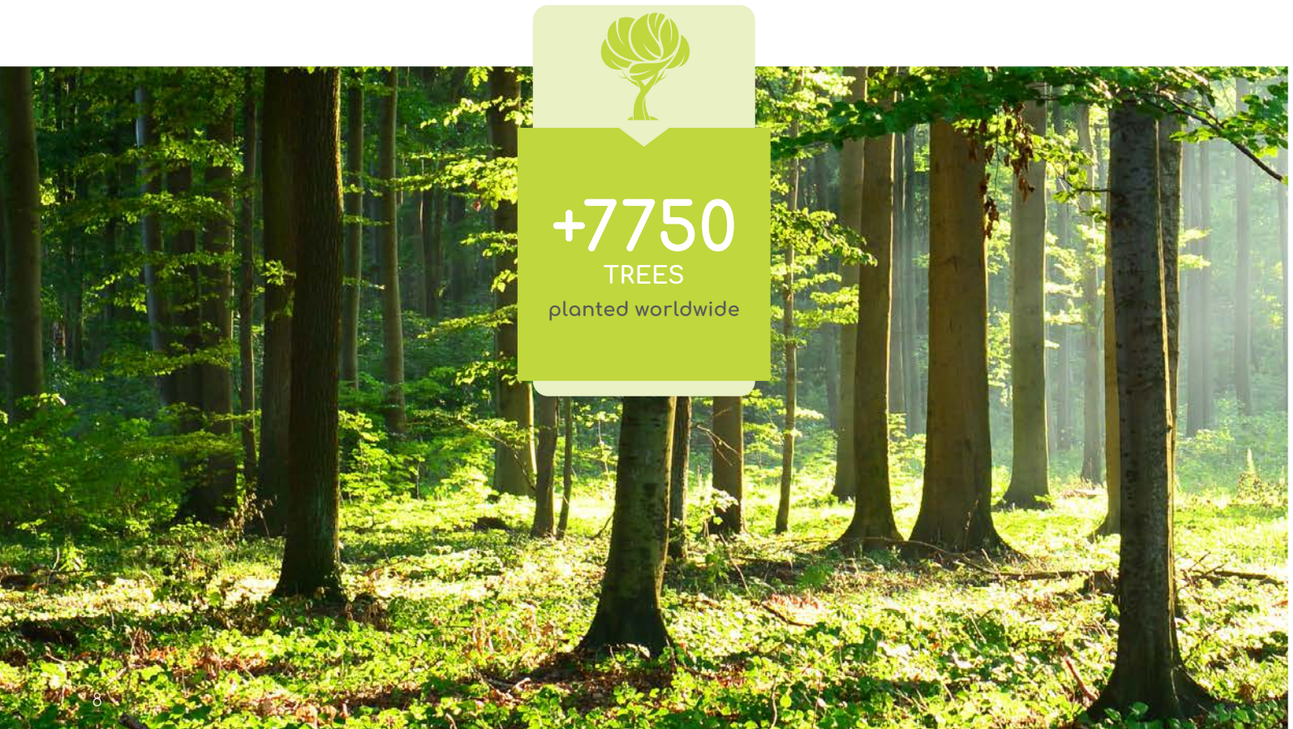
For example, we work together on responsible use of fuels, energy and water savings and we ensure that the footprint is reduced.





One Tree Planted is a non-profit organization dedicated to global reforestation. They plant trees to restore nature and biodiversity. They also raise awareness about the importance of trees, provide businesses like ours with a simple sustainability solution, and motivate younger generations to do something positive for the environment. Every year we plant 2500 trees together with our overseas business partners. The counter is currently at 7750 trees planted worldwide.

ONETREEPLANTED



What can we do together with the customer?

Use:

- Recycled materials
- Thinner materials
- Mono materials
- Shorter or possibly die-cut sleeves
- FSC Certified packaging



CERTIFICATES

We believe that equal and good working conditions are important for everyone within our production chain. That is why we are affiliated with FSC, BSCI and Sedex. In close consultation with our producers in Europe and the Far East, we ensure that the conditions in which they work also meet the requirements.

FSC® CERTIFICATE

The Forest Stewardship Council (FSC) system ensures that the forests of our world can be preserved through responsible forest management. A well-managed forest runs less risk of being cut down for other purposes, such as the construction of palm oil or soy plantations and mining.

FSC FORESTS FOR ALL FOREVER ™

By buying these products you help take care of the world's forests

FSC® C148914 • www.fsc.org

By using FSC certified items, you contribute directly to the protection of our global forests and to a healthy living environment for humans and animals worldwide. Because the forest gets economic value in this way, we ensure that it is preserved. And that is important, because everyone wants to continue to enjoy eternally both our forests and the natural products of wood and paper?

Wood and paper products that come from an FSC-certified forest can be recognized

To ensure that products with this quality mark actually come from a responsibly managed forest, all links in the product chain must be certified. Only when a forest manager, the paper mill and the wholesaler can demonstrate compliance with the rules of FSC, can a product be sold as an FSC and the logo placed on it. The more demand there is for FSC products, the more hectares of forest will be managed according to FSC guidelines. And the more people and animals who depend on the forest will benefit from this. More information about FSC. We are registered under number FSC-C148914 at the FSC certificate. Ask for our FSC® certified products.

We are a participant in the BSCI program. **BSCI** is an initiative of **AMFORI** and stands for **'Business Social Compliance Initiative'**. BSCI is committed to the worldwide improvement of working conditions in the production chain of its members and does this according to the eleven principles of the Code of Conduct. This includes ensuring equal opportunities for employees, assessing risks, socially responsible policy, freedom of association, special protection for young employees, combating child and forced labour, paying fair compensation, environmental protection and facilities for a safe and healthy workplace.

Supplier Ethical Data Exchange (SEDEX) is a non-profit organization dedicated to improving responsible and ethical business practices in global supply chains. The goal is a secure, online database that allows members to store, share and report information in four key areas: Labor Standards, Health & Safety, the Environment and Business Ethics.

Koen Pack has joined the **Dutch Association of Wholesalers in Paper and Packaging Materials (NVGP)**, a supporting association in which we exchange knowledge with the other members about packaging and current developments. More information on the NVGP website. Also when it comes to laws and regulations, test reports or legal questions.

We are a partner of **MVO Nederland**. We take responsibility for social issues and make agreements about pollution, working conditions and sustainability. At Koen Pack we treat our employees in a pleasant way and we think it is important that we can contribute to society together with MVO Nederland.

Koen Pack is a proud partner of

Sedex · BSCI Business Social Compliance Initiative · amfori Trade with purpose · MVO NEDERLAND · NVGP papier & verpakkingsmaterialen



KOEN PACK'S ENVIRONMENTAL GOALS

- Koen Pack aims to be off gas by 2030.
- In 2025, our company cars will be hybrid or electric. We strive to only lease environmental class A and B cars.
- In principle, we only supply our wooden and paper articles FSC certified
- We have the ambition to print only 20% at the office.
- We support the One Tree Planted project and thereby reduce our footprint.
- We aim to shift the use of virgin material to recycled material.

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