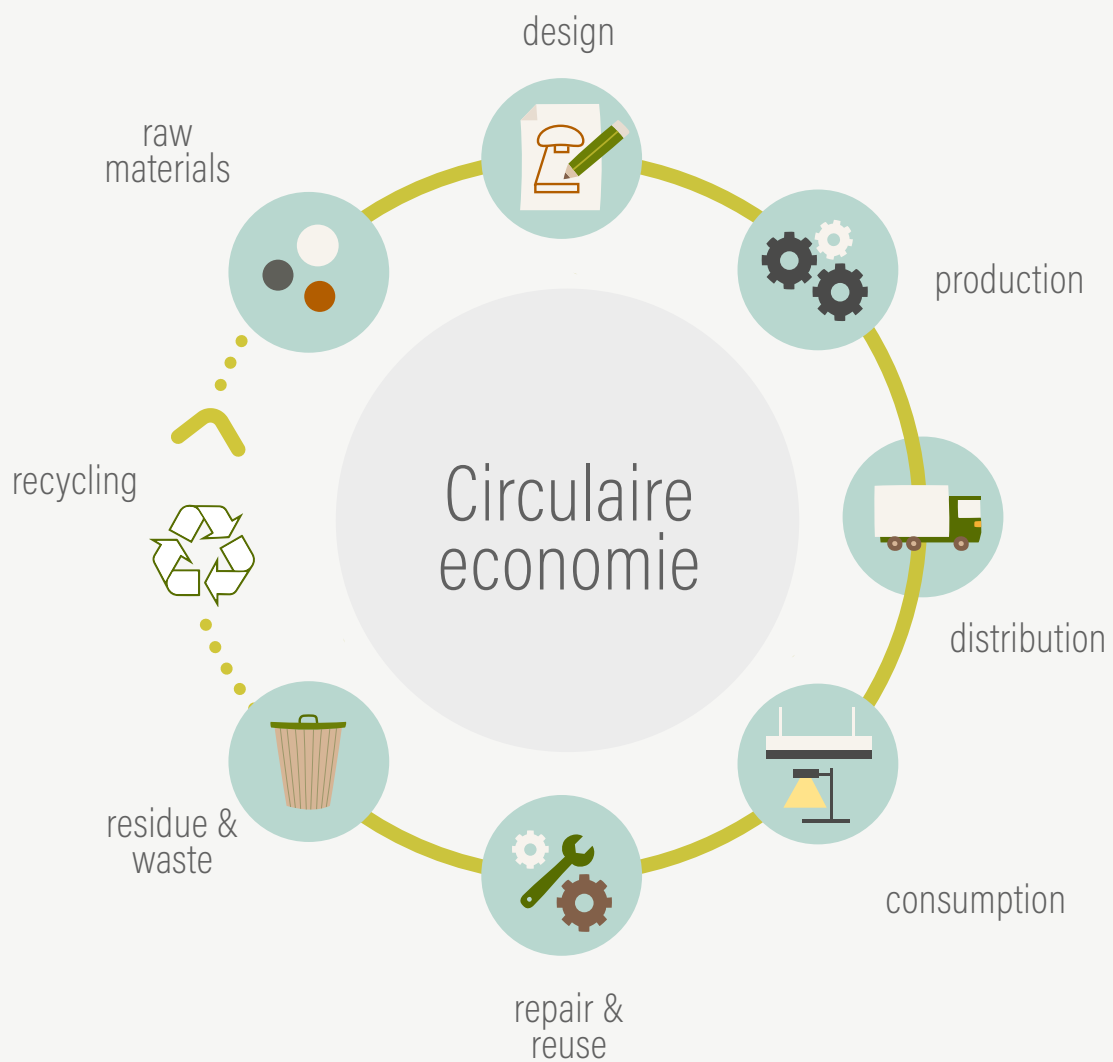


On the  
way to a  
**sustainable**  
future



# A product's life cycle



RE-place  
RE-use  
RE-furbish



Every day, psmlighting provides for a sustainable future where well-being, aesthetics, sustainability and environmental awareness go hand in hand. We extend our efforts into a solid plan of action.

With our environmentally conscious and ecological investments, we aim to create an effective impact. First and foremost, this means committing to renewable energy, such as solar panels, and the proper sorting, recycling, processing or reuse of materials. As a result, we reduce the carbon footprint of our designer lighting and create a cleaner world.

But we are doing more. Our efforts to use certified materials, environmentally friendly packaging materials and our collaborations with regional suppliers reduce waste and CO<sub>2</sub>-emissions while promoting the local economy.

Together with our employees, suppliers and customers, we strive every day to create an environmentally friendly and socially responsible society. We team up, encourage innovation and move towards an ecological future.

 **SUSTAINABLE DEVELOPMENT GOALS**

<b>1</b> NO POVERTY 	<b>2</b> ZERO HUNGER 	<b>3</b> GOOD HEALTH AND WELL-BEING 	<b>4</b> QUALITY EDUCATION 	<b>5</b> GENDER EQUALITY 	<b>6</b> CLEAN WATER AND SANITATION 
<b>7</b> AFFORDABLE AND CLEAN ENERGY 	<b>8</b> DECENT WORK AND ECONOMIC GROWTH 	<b>9</b> INDUSTRY, INNOVATION AND INFRASTRUCTURE 	<b>10</b> REDUCED INEQUALITIES 	<b>11</b> SUSTAINABLE CITIES AND COMMUNITIES 	<b>12</b> RESPONSIBLE CONSUMPTION AND PRODUCTION 
<b>13</b> CLIMATE ACTION 	<b>14</b> LIFE BELOW WATER 	<b>15</b> LIFE ON LAND 	<b>16</b> PEACE, JUSTICE AND STRONG INSTITUTIONS 	<b>17</b> PARTNERSHIPS FOR THE GOALS 	 <b>SUSTAINABLE DEVELOPMENT GOALS</b>

# What are sustainable goals?

In 2015, the United Nations adopted the Sustainable Development Goals (SDGs) for 2030. An important step to make an impact on society and the environment. By these “sustainable goals”, the UN refers to the Environmental, Social and Governance (ESG) criteria, serving as a guideline for gauging the social contribution and commitment of a company or organisation.

## **Environmental**

The environmental aspect of sustainable goals focuses on reducing the negative impact of activities on the environment.

## **Social**

The social aspect of sustainable goals encourages relationships between companies and their employees, the community and society.

## **Governance**

The sustainable goals' governance aspect determines how companies are soundly managed and governed. The pursuit of sustainable development goals encourages building resilient, ethical and future-proof businesses. It contributes to global efforts to address environmental and social challenges.

It goes without saying that psmlighting also puts its signature on that paper.



# Our sustainability goals

## Environment

- / Carbon neutrality: reduce greenhouse gas emissions and offset remaining emissions.
- / Circular economy: optimise reuse, recycle and reduce waste in production processes.
- / Energy efficiency: develop energy-efficient lighting products and systems.
- / Climate-conscious: plant trees, recycle water, minimise resource use and install solar panels.

## Social

- / Employee well-being: ensure a safe and healthy working environment, including health and wellness programmes.
- / Diversity and inclusion: promote diversity in the workplace and an inclusive company culture.
- / Education and training: work with skilled staff and attend training courses.

## Innovation and technology

- / Sustainable technology: invest in innovations that contribute to sustainability, such as energy-efficient lighting technologies.
- / Research and development: encourage research into new sustainable materials and production processes.
- / Sustainable cities and communities: properly address lighting management and provide intelligent solutions.

# 1 The sun, our energy source

What is the most obvious way to create environmental and economic benefits? Investing in solar energy! This easily ranks at number one on the eco-friendly to-do list. Indeed, solar panels significantly reduce greenhouse gas emissions and reduce the ecological footprint. They generate sustainable and renewable energy and allow independence from traditional energy sources. That's why psmlighting opted to use more than 100 solar panels instantly making the production process of our designer lighting a whole lot more sustainable and environmentally friendly.

More than **100**  
solar panels provide green  
electricity





*At psmlighting, we use rainwater to clean our offices, showroom, cars and production areas.*



## Sorting, recycling and preventing waste

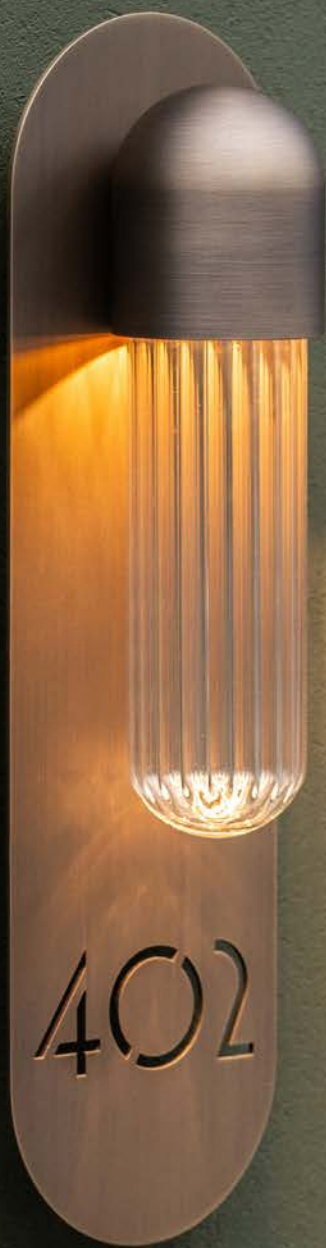
To sort and recycle more efficiently, we built our own waste and recycling centre, allowing authorised companies to collect and process our waste correctly.

Production surpluses are kept to a minimum to significantly reduce our impact on the environment.

To create as little waste as possible, we split up rustic material to ideal sizes with our machinery. When we do have a piece of waste, we assess whether we can make something else from it. With the laser cutter, it is possible to cut very small pieces from surplus sheets.



## 2. Designer lighting with a long life



### **Gloria**

*Lighting made of 100% reusable material: glass and metal.*

*Any production residue is fully recycled.*



Creating sustainable lighting requires a broad ecological perspective. At psmighting, for example, we have been working for years with materials of the highest quality to combat premature wear and tear of our products, to extend their lifespan and minimise replacement frequency.

We focus on demountable lighting to facilitate the sorting and recycling of components. The result: less waste, a furthering of the circular economy and reduced impact on natural resources.





RE-place  
RE-use  
RE-furbish



Thoughtfully  
made.  
Easily repaired.

Did a component break down?  
Most of the components can be replaced.  
We always maintain a large stock of spare  
parts to repair your fixture quickly and easily.  
This means you can enjoy our design lighting  
for a very long time. That is sustainable  
entrepreneurship at its best.



## We extend the life of our products by:

- using durable materials such as glass and metal
- developing and producing easily demountable fixtures
- opting for repairable and recyclable products
- providing sufficient stock to replace each component quickly

## Durable materials

For many years now, psmlighting has consciously opted for ecological innovation, going one step further again and again. Our new sustainable goal for 2030: to produce fixtures using as many renewable and recycled materials as possible, and the use of LED lighting.

*Our products last for decades and are passed down from generation to generation.*

Our products are more durable thanks to specific finishes. Coatings on outdoor fixtures, for example, make them more resistant to different weather conditions such as exposure to salt, sun and wind in coastal areas.



# 3. Copper, stainless steel & aluminium

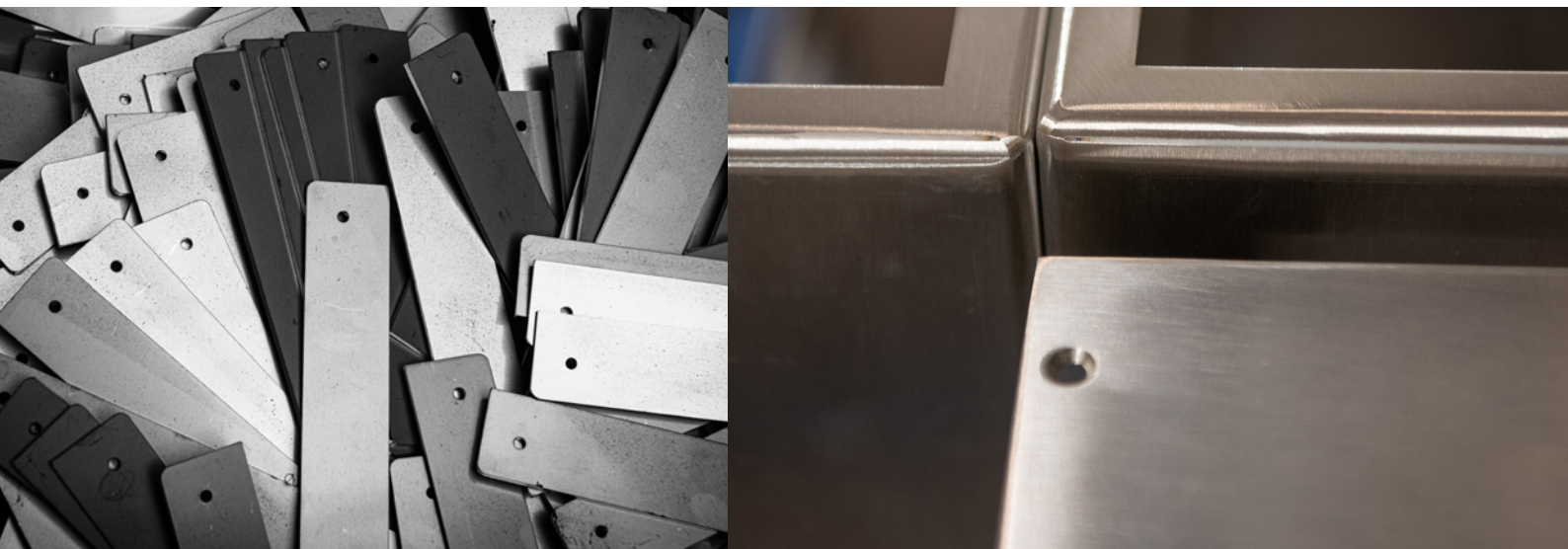
**Copper** is cold-pliable and easy to process. It is a beautiful material with a vivid colour and a very long lifespan.

**Stainless steel** is a durable material with an extra-long life, even when used outdoors.

**Aluminium** profiles have many benefits:

- easy processing and assembly
- easy maintenance
- good heat dissipation
- long service life
- lightweight

Production requires a lot of energy, but psmlighting came up with a solution. We only use certified aluminium profiles with specific requirements on the material's origin labelling. Because of this, we can ensure the use of renewable energy sources in production. We also reduce the CO2 impact by 40% compared to the European average, and the climate impact is 78% lower than the world average for aluminium blocks. A win-win solution for quality and for nature.





100%  
recyclable

# 4. Led lighting, of course

Led lights are packed with ecological and economic benefits.

They are:

- energy-saving and efficient
- more recyclable
- emitting less CO<sub>2</sub> during production
- innovatively further developed
- easy to replace, even at home by the customer

In addition, the lifetime of an LED light source lasts more than 25,000 hours. So, obviously, you opt for LED.

*Tip: have your LED lighting professionally replaced at our workshop in Aalter.*





## Lighting study and energy efficiency

We use energy sparingly by installing deliberate lighting.

With lighting management and intelligent solutions, we reduce energy consumption, and improve comfort and the atmosphere.

Our lighting studies, prepared by a professional lighting planner, map out where natural light and direct or indirect light complement each other. This allows us to reduce energy consumption without sacrificing comfort.





# 5 Powder coating

## 1 befriending nature

Powder coating is the obvious choice for an innovative and sustainable company that is environmentally and socially responsible. By choosing this, our spacious in-house paint shop guarantees a more flexible, durable coating with a longer lifespan and a healthier working environment for our staff.

When comparing the environmental requirements to wet coating, we minimise air pollution, reduce unnecessary transport; we strive for reduced maintenance requirements, heat generation, CO2 emissions, water and energy consumption; and we produce less waste by recovering overspray. Therefore, psmlighting, our partners and our customers truly befriend nature.



# 6. Packaging without plastic. That's chic.

Psmlighting consciously distances itself from plastic as a packaging material. We choose alternative and sustainable materials with a smaller impact on the environment, such as recycled paper, paper tape and cardboard boxes. This is logical, considering how many parcels we ship every day. However, we do even more: our outer packaging consists of at least 50% recycled cardboard and our inner packaging of at least 30% recycled material. We package our products with an innovative and ecological approach, without compromising their protection during transport.





# 65%

less plastic  
is our target for 2024. Today, we pack  
and ship all our lighting fixtures in  
paper and cardboard.

Our current stock of plastic is being phased out. In the short term, we will only use sustainable packaging.



0%

accidents in the  
workplace.  
Because every  
employee is close to  
our heart.



# 7. Safety in the workplace

## That is also is sustainability

At psmlighting, safety comes first. We manufacture responsibly and safely with the health and well-being of our employees as the top priority.

We equip our workshops with advanced safety equipment and follow strict protocols. It just makes sense.

We continuously invest in training and awareness, in an inclusive and family-like atmosphere. No wonder many of our employees stay in our team.



**psmlighting**

Delighted to help you

## 0, 0, Local production, 100% Belgian

Sustainable business also means producing locally. In our workshop in Aalter (Belgium), we ensure quality close to home. By avoiding unnecessary distances, we reduce greenhouse gas emissions and our ecological footprint. We consciously select materials, limit long-distance transport and continuously innovate the production process.

In addition, we only make a product when it is ordered. By doing this, we avoid unnecessary production, and we use fewer materials.





# 45%

Fewer emissions by  
working with local  
suppliers and limiting  
transport



Together, we are sustainable



Groendreef 60, 9880 Aalter | T +32 9 374 19 51 | [www.psmlighting.be](http://www.psmlighting.be)

All our products are locally made in Aalter, Belgium (EU). Short delivery times.



REDUCE  
USE  
CYCLE



**psmlighting**

Delighted to help you