

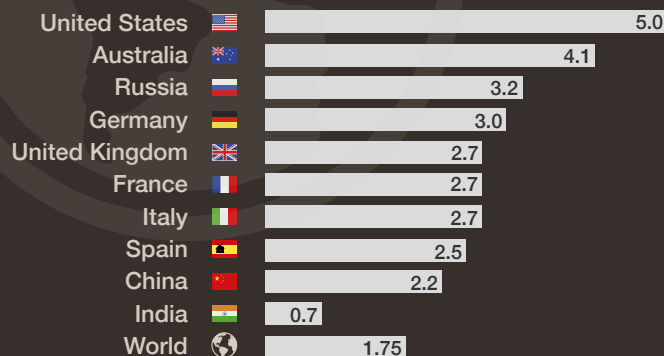


**THE REFERENCE IN
SUSTAINABLE IMPACT
ABSORPTION**



" ONE WORLD IS NOT ENOUGH "

Our society is unsustainable: we overconsume, resources are used inefficiently, we emit too many greenhouse gases (GHG), we produce too much waste, ...



The bars show how a country's lifestyle relates to the available resources for a sustainable society.

The developed countries all overconsume, resulting in overspending the earth's capacity with a factor of 1,75 on a global level.

Spending 1,75 € for every € you make is not sustainable. At a certain moment, we will get the bill presented.

source: Global Footprint Network

And although the challenges are clear, change is slow and limited: GHG-emissions keep rising, companies find it difficult to integrate sustainability in their strategy, people don't change their behavior, ...

Several questions needed to be answered:

- What does sustainability mean for our company and our products?
- How can we reduce our impact more efficiently?
- How do we do this whilst dealing with our daily challenges?

However, waiting for all the answers is a luxury we don't have: it's better to start, learn and improve than not to start at all.

As a first step, we focus on our products and how to align them with the principles of a circular economy:

- How do we make sure they can fulfill their purpose for as long as possible?
- Does our product design stimulate reuse and repair?
- Is our product easily dismantled to allow material recycling?

We realize further efforts will be required to minimize our impact on the environment and society, but by taking this first step, we have done the most difficult part.



Are you interested in learning more about our strategic steps in sustainability, do you have questions or do you want to share your opinion, don't hesitate to contact us via sustainability@boplan.com



MAKE

Recycled material limits the use of virgin materials and reduces the carbon footprint.

To ensure our products meet all technical specifications and are free from hazardous chemicals, we only recycle our own post-industrial waste. This closed-loop recycling ensures all input material is 100% chemically identical to our virgin material.

We recycle 89% of our post-industrial waste, which means a yearly reduction of 344 ton CO2 compared to using virgin material.



1



MAINTAIN

The longer a product lasts, the less impact it has over its time of use.

Our polymer properties and product design allow our products to absorb impact without damage to our product and your vehicles.

As long as the design parameters are respected, the life expectancy of our products easily exceeds the time you need them.

This saves money but also prevents additional CO2-emission and material use.



2

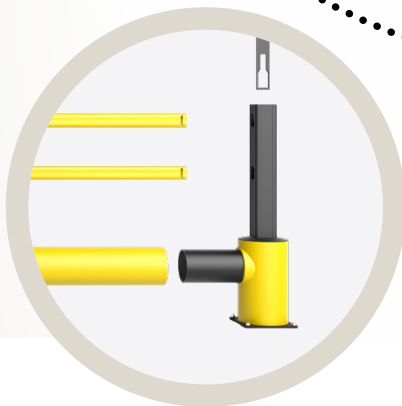


REPAIR

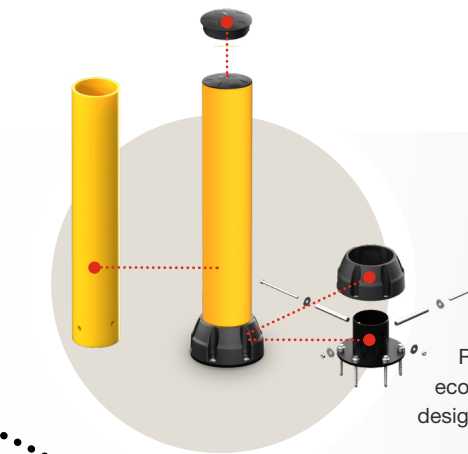
Repair possibilities avoid the unnecessary replacement of the complete product.

When the design parameters are exceeded, the product might sustain damage. However, this doesn't mean the complete product needs to be replaced.

The modular composition of our products allows for replacing only the damaged components and reusing the other parts, again saving material use and carbon emissions.



3



RECYCLE

Recycling keeps resources in the material cycle and avoids waste.

Recycling requires the use of materials with proven, economically viable recycling pathways and a product design allowing for easy dismantling into single-material recyclable streams.

Our products can be dismantled without the need for specific equipment with up to 95% of their product weight re-usable in existing recycling pathways

6



TAKE-BACK

Take-back programs ensure high-value remanufacturing or recycling.

Take-back programs stimulate the circular economy since the product manufacturer is best informed on how products can be remanufactured or recycled.

In anticipation of our standardized take-back program, we gladly evaluate the take-back opportunities on demand.



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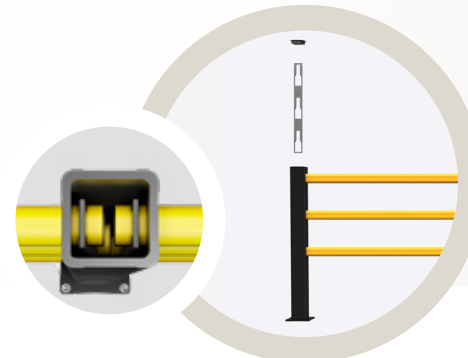


REUSE

Reusing a product reduces its impact.

Production facilities, warehouses, ... need to adapt to changing business requirements.

We have made sure our products are easy to dis- and reassemble so you can reuse them again and again... Our modular design also allows modifications (e.g., change in length) maximizing the possibilities for reuse.



4

CIRCULAR ECONOMY



TO STOP GLOBAL WARMING

The fight against climate change requires a fast and drastic reduction in greenhouse gas emissions.

Companies aim to minimize their energy consumption and switch to renewable energy, but a company's carbon footprint extends further than this.

A company needs raw materials, supporting products & services, transportation of goods & people, ... All these things come with their own CO₂-backpack and combined, these so-called scope 3-emissions can amount to 10x the CO₂-emissions associated with energy use.

And because a company has control over several of these aspects, it's at least partially responsible for these emissions.

CIRCULAR PRODUCTS ARE KEY

Circular products are carbon-efficient products:

- Products made from recycled and/or recyclable materials reduce the need for new virgin materials. Virgin materials represent significantly higher CO₂-emissions associated with their extraction and processing, while circular products have a much lower carbon footprint.
- While waste incineration produces carbon emissions, products made from recyclable materials are saved from waste disposal.
- Long life-expectancy and reuse/repair possibilities avoid the need for new products, again saving on carbon emissions.

TO LOWER YOUR IMPACT

Choosing to buy circular products automatically reduces the scope 3-emissions of your company without extra costs: cost-competitive circular alternatives are usually available.

Certainly when you consider the total cost of ownership by taking into account the lower replacement and waste disposal costs, you're always much better off by choosing Boplan.

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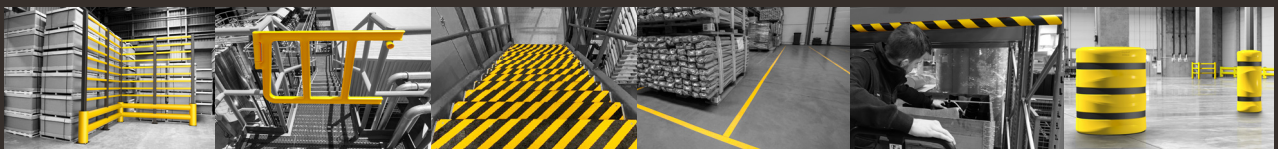
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WHAT WE DO

Boplan produces high performance safety products and solutions to protect people, goods and infrastructure in industrial environments.



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