



Let's recycle



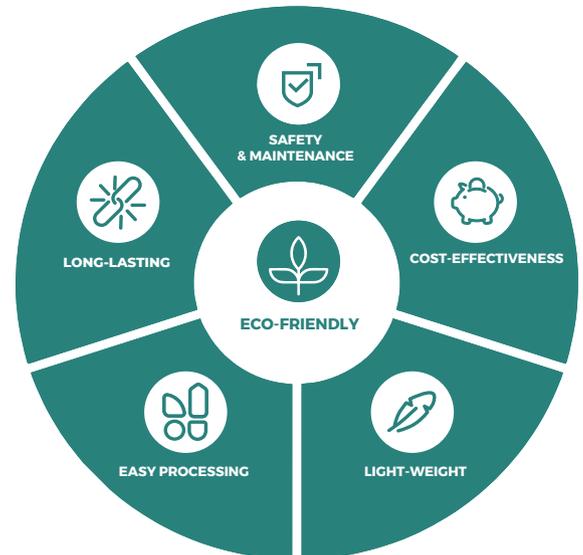


Idea



## Let's **recycle**

Buglo Playground is more than just its equipment; it is primarily the idea behind its creation. Throughout the entire creation process, we take into account the needs of the modern world. Therefore, it is crucial that Buglo products are environmentally friendly. With this in mind, the Recycling line was created using environmentally friendly materials sourced from post-consumer recycling and sustainable cultivation. By incorporating recycled materials in production, we help reduce the incineration and storage of plastic waste while supporting the development of new technologies for processing it. Waste gets a second life, bringing joy to children!



## A global **problem**

### What swims in the sea and why is it not fish?

Plastic and fishing nets pose a huge threat to our seas, oceans, and the creatures that inhabit them. Plastic waste and fishing nets are made of materials that do not naturally decay. Over a million animals are killed each year by plastic waste in the water, including entanglement in abandoned nylon fishing nets. Research predicts that by 2050, the weight of plastic in the seas and oceans will surpass that of the fish residing in them. An estimated 600 million tons of plastic will remain in the largest reservoirs.

## Unwanted material becomes **an asset**

Awareness of plastic pollution in the seas and oceans has driven us to take action in cleaning marine ecosystems. Modern recycling methods have made it possible to reuse the water waste. Its processing is an essential element of our entire sustainable production strategy.



**The welfare of the planet  
is in our hands!**





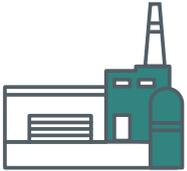
# How does it all begin?



It all starts in private households. This is where the first sorting of recycled items takes place....



...or garbage is fished out of the seas and oceans. Old fishing nets, plastic bottles - they can all be recycled.



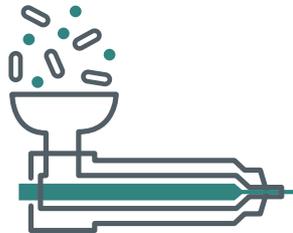
Here, the garbage is divided into raw materials. Unsuitable materials are kept separate.



The contents of the garbage cans and waste from the seas and oceans are taken away to be sorted.



The plastic materials are compacted and made into pellets.



The granules are melted to create required elements.



The result of this process is a wide range of safe and environmentally friendly products. When the products are no longer in use in the distant

future, they can be easily recycled again. Thus, the process can be repeated many times.

# Biopolymers in the rotomoulding process



**50%**  
sugarcane  
material

- 50% of this material is made from sugarcane (during growth, sugarcane absorbs CO<sub>2</sub>, reducing carbon levels in the atmosphere).
- **Using biopolymers will reduce the carbon footprint and improve the reference environment.**
- It is fully recyclable.

## Recycled steel

- Manufacturing one ton of steel from scrap leads to a reduction in energy consumption of up to 84%. Recycling steel saves 40% of water, and significantly reduces air (by 86%) and water (by 76%) emissions.
  - Steel structures are much more environmentally friendly than, for example, structures made of reinforced concrete
- Metal recovery for steel objects is a minimum of 80%.**



**-86%**  
smaller carbon  
footprint\*



**100%**  
sustainable  
cultivation

## Wooden poles

The wood used for the production of poles **comes from sustainable, FSC-certified farming.**

The certificate guarantees that the wood is obtained in a way that limits the degradation of forest resources and minimizes the negative impact of human activities on climate change.



## Wall boards from recycling



**-80%**  
smaller carbon  
footprint\*

Multi-layered HDPE panel (**80 % from recycling**) manufactured from saved and processed marine litter such as finishing nets and dragnets, industrial bottles and agricultural pipes.

\* per kilogram of waste recovered

Space

MINI

ELLIPSUM

SINGLE

URBANIQ



# The playground of the future



## Products

The vast majority of standard Buglo products can be made from recycled materials or biopolymers. This ensures a wide range of ready-made and tested solutions for children of all ages.

Thanks to this, we are confident that the products we offer are **safe for children and the environment**. The subdued colors of the devices also ensure that the playground will perfectly harmonize with the existing surroundings



Our products are made from **recycled materials**



**ELLIPSUM**



**MEGA**



**SINGLE**

**Integration**

**ELLIPSUM**

**URBANIQ**

**SINGLE**



# Development on many levels

An extremely important aspect of development is engaging in activities on various levels. At Buglo, we design playgrounds that eliminate barriers. Playing with other children is an integral part of a young human's development. It teaches teamwork, creative thinking, and the ability to navigate everyday situations. By appropriately arranging the space, we can integrate wheelchair users, with their peers. This brings numerous benefits, not only to mobility disabled children, who gain self-confidence with each physical achievement but also to other children. By observing their struggles, they learn tolerance, empathy, and openness towards others. At Buglo, we support children's development while caring for animals, all in harmony with nature and our company's values.



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