



# Plastic containers and molded parts produced with responsibility.

Nachhaltigkeit im Rückblick.

# Healthy employees, satisfied customers and an intact environment have always been the focus of Müller Plastics – for over 60 years.

Müller AG Plastics is a family-run company in Muttenz which is part of VM Pack-Holding AG (Müller Group) in Münchenstein.

It has always been important to the Müller family and the Group management to provide employees with secure jobs, to offer customers added value with quality products and to do justice to the environment and its protection.

In the modern and well-positioned industrial company, many measures have already been implemented since the 1970s as part of the responsibility for people and the environment:

 <b>Efficient production of canisters</b>	
<b>Basis</b>	<ul style="list-style-type: none"> <li>▪ Evaluation of suitable raw materials and means of production</li> <li>▪ Controlled use of raw materials and production resources to prevent material waste</li> <li>▪ Systematic return of punching waste to the production process</li> <li>▪ Preventive and predictive maintenance of machinery, including stocking of spare parts</li> <li>▪ Regular review of our processes</li> <li>▪ Targeted investments in energy-friendly production facilities</li> <li>▪ Automation to safeguard processes</li> </ul>
<b>2006</b>	<ul style="list-style-type: none"> <li>▪ New logistics hall and raw material silos to optimize the internal raw material and material flow.</li> </ul>
<b>2006</b>	<ul style="list-style-type: none"> <li>▪ Launch of the "CLEAN" project for the purpose of food certification (BRC)</li> </ul>
<b>2021</b>	<ul style="list-style-type: none"> <li>▪ Dedusting of the regrind to improve the extrusion process</li> </ul>

 <b>Procure energy with foresight</b>	
<b>Basis</b>	<ul style="list-style-type: none"> <li>▪ Purchase of CO<sub>2</sub>-free electricity</li> </ul>
<b>2012</b>	<ul style="list-style-type: none"> <li>▪ Monitoring of energy flows</li> </ul>
<b>2013</b>	<ul style="list-style-type: none"> <li>▪ Realization of a photovoltaic system</li> </ul>

 <b>Ensure employee health</b>	
<b>2008</b>	<ul style="list-style-type: none"> <li>▪ Ventilation system production hall</li> </ul>
<b>2009</b>	<ul style="list-style-type: none"> <li>▪ Source extraction of volatile gases in the print shop</li> </ul>
<b>2016</b>	<ul style="list-style-type: none"> <li>▪ Personalized hearing protection equipment for exposed employees</li> </ul>
<b>2018</b>	<ul style="list-style-type: none"> <li>▪ Source extraction of volatile gases in the workshop</li> </ul>
<b>2019</b>	<ul style="list-style-type: none"> <li>▪ Source extraction of fugitive gases in the COEX machines</li> </ul>
<b>2020</b>	<ul style="list-style-type: none"> <li>▪ Water dispenser for employees to use free of charge</li> </ul>
<b>2022</b>	<ul style="list-style-type: none"> <li>▪ Enclosure of workstations to reduce permanent noise pollution</li> </ul>

 <b>Use energy wisely</b>	
<b>Since 2014</b>	<ul style="list-style-type: none"> <li>▪ Commissioning of the first all-electric</li> </ul>
<b>2015</b>	<ul style="list-style-type: none"> <li>▪ blow molding machine, instead of a hydraulic version</li> </ul>
<b>2016-2022</b>	<ul style="list-style-type: none"> <li>▪ Conversion from oil to gas heating</li> </ul>
<b>2019-2023</b>	<ul style="list-style-type: none"> <li>▪ Gradual conversion of the lighting fixtures</li> </ul>

 <b>Recover waste heat</b>	
<b>2008</b>	<ul style="list-style-type: none"> <li>▪ Use of process waste heat to generate hot water in Muttenz</li> </ul>
<b>2009</b>	<ul style="list-style-type: none"> <li>▪ Heat recovery from the compressed air system</li> </ul>

 <b>Optimize compressed air generation</b>	
<b>Since 2000</b>	<ul style="list-style-type: none"> <li>▪ Periodic inspection of compressed air leaks</li> </ul>
<b>Since 2013</b>	<ul style="list-style-type: none"> <li>▪ Compressed air reduction (working pressure) from 8.5 bar to 7 bar</li> </ul>
<b>2022</b>	<ul style="list-style-type: none"> <li>▪ Compressed air treatment in the compressor room optimized using a double filter system</li> </ul>

 <b>Pay attention to water handling</b>	
<b>Since 1973</b>	<ul style="list-style-type: none"> <li>▪ Process cooling through closed circuits instead of fresh water</li> </ul>
<b>2022</b>	<ul style="list-style-type: none"> <li>▪ Commissioning of an emulsion plant for the separation of oil-water mixtures</li> </ul>



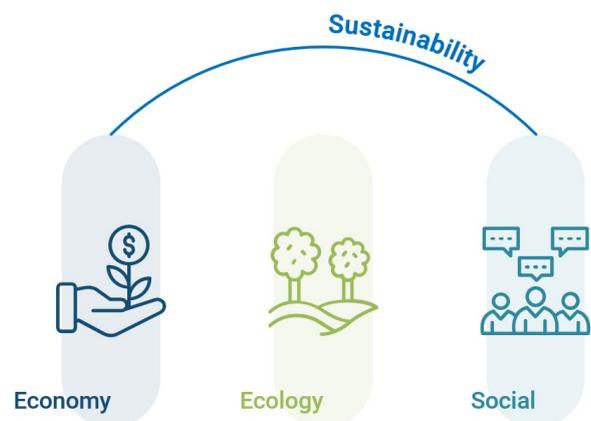
The raw material silos were built in 2006 together with a new logistics hall.

 <b>Comply with legal requirements</b>	
<b>Basis</b>	<ul style="list-style-type: none"> <li>Compliance with laws and standards for the prevention of environmental pollution</li> <li>Compliance with occupational safety laws and standards</li> </ul>
<b>2010</b>	<ul style="list-style-type: none"> <li>Environmental management according to ISO 14001: Certification of the plants</li> </ul>
<b>2010</b>	<ul style="list-style-type: none"> <li>Occupational safety according to ISO 45001 (then OHSAS 18001): Certification of the plants</li> </ul>

 <b>Standing up voluntarily for the earth</b>	
<b>Since 1990</b>	<ul style="list-style-type: none"> <li>Implementation of defined energy and waste reduction targets including consistent separate collection of operational and production waste and appropriate recycling</li> </ul>
<b>2014</b>	<ul style="list-style-type: none"> <li>Removal of asbestos contamination through partial roof renovation</li> </ul>
<b>2017</b>	<ul style="list-style-type: none"> <li>Renovation of the administration building in accordance with the latest SIA regulations</li> </ul>
<b>2022</b>	<ul style="list-style-type: none"> <li>Cooperation with myClimate regarding sustainability targets within the entire Müller Group</li> </ul>

## New sustainability strategy coming in 2024

In 2023, Müller Group laid the foundations for a new Group-wide sustainability strategy. It is based on recognized norms and standards, such as the United Nations' sustainability goals. In terms of structure, it follows the established "Triple Bottom Line" principle. In this way, the companies of the Müller Group tackle the economic, ecological and social challenges in a motivated manner.



The Triple Bottom Line extends the criteria for measuring corporate success to include social and environmental compatibility.

- The new Müller Group sustainability strategy will be communicated at the beginning of 2024.

# Müller Group.

## From Packaging to Processing.



**MVM Pack-Holding AG**  
Tramstrasse 20  
4142 Münchenstein  
Switzerland  
T +41 61 416 12 00  
F +41 61 416 12 22  
group@mueller-group.com



UN-approved packaging made of  
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**Müller AG Verpackungen**  
Tramstrasse 20  
4142 Münchenstein  
Switzerland  
T +41 61 416 12 00  
F +41 61 416 12 22  
packaging@mueller-group.com



Plastic packaging and  
technical moldings.

**Müller AG Plastics**  
Falkensteinerstrasse 4  
4132 MuttENZ  
Switzerland  
T +41 61 467 93 93  
F +41 61 467 93 99  
plastics@mueller-group.com



Storage, transport and process  
containers out of stainless steel.

**Müller DrumTec GmbH**  
Industrieweg 5  
79618 Rheinfelden  
Germany  
T +49 7623 969 0  
F +49 7623 969 69  
drumtec@mueller-group.com



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**Müller AG Processing**  
Tramstrasse 20  
4142 Münchenstein  
Switzerland  
T +41 61 416 12 12  
F +41 61 416 12 13  
processing@mueller-group.com