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**packaging**  
DEUTSCHLAND  
A NATURAL PASSION FOR PROTECTION

## **SUSTAINABILITY REPORT 2020**

# OUR COMPANY

**Manupackaging Deutschland GmbH** (formerly Manuli Stretch Deutschland GmbH) has been active in the production and sales of films made of LDPE and LLDPE for packaging since 1999 in Schkopau. Our constant production cycle consists of 9 shifts during a seven-day week. 12 extrusion lines allow for an annual production of end products of at least 60,000 tons. We are mainly active on the German and European market and we produce films made of plastic as protective or packaging material for different goods. Our company can be found in all sectors where packaging is used for transportation (mineral water, bricks, construction material, metal processing, pharmaceutical and chemical products, etc.). We produce films to preserve animal feed for agriculture

## OUR SUSTAINABILITY POLICY

Sustainability is a central component of our company strategy. We are aware of our responsibility for our economic, ecological and social actions and are obligated to providing an effective contribution to protect resources and the environment.

We are focussing on:

### **Economic sustainability**

- constant exchange with our customers to be able to react directly to their wishes
- investment in research and development to ensure long-term company success
- maintenance of long-term customer and vendor relationships
- investment in energy-efficient products, services and design-related activities that are planned to improve energy-related performance

### **Environmental sustainability**

- application of an environment management system according to ISO 14001:2015
- application of an energy management system according to ISO 50001:2018
- the regular determination and examination of environmental and energetic effects
- continual improvement of the sustainability of our products

### **Social sustainability**

- equal pay for our employees
- commitment to different social projects
- training and education of our employees
- constant improvement of work safety to protect our employees

Our organization ensures that all required information and resources are available in order to reach our goals. Our integrated management policy forms the framework for the goals we set.

Our „integrated management policy“, in particular regarding the environment and energy aspect, is shared with our employees, affiliated companies, vendors and service providers on a regular basis. We annually put our management policy to test and introduce any necessary corrections.

In 1976, Manuli Stretch S.p.A. was the first stretch film manufacturer in Europe and is now one of the world's leading companies in regards to the production, sale and quality of their products. Manupackaging Deutschland GmbH is certified according to ISO 9001, ISO 14001 and ISO 50001.

## ECONOMY

On an economic level, sustainability for us means, above all, the maintenance of long customers and vendor relationships, efficient production and continual research and development. Our quality management system according to DIN EN ISO 9001:2015 helps us with this.

### Numbers



**78,4 Mio. €** sales were achieved in 2020.



**896.917 €** was invested in 2020. A healthy level of investment ensures our quality and increases the efficiency of our company.



**3,7 %** production-related waste accrued in total in 2020. With skillful production planning and training of our employees, we could achieve an improvement of 0.4%. Waste caused during production was recycled internally at a rate of 65%.



**95,8 %** of our customers graded us with at least 7 of 10 points. We have improved continuously during the last years.

### Projects

#### New manufacturing equipment

From mid of May 2021, we will put two new production machines into operation. So our machine park becomes even more efficient and our quality even more stable.

### Website

We redesigned our online presence completely in 2019. On our website

 [www.manupackaging.com](http://www.manupackaging.com)

you can find information about us, our product and current projects. We are also now in communication with our customers and vendors through social media.

## ECOLOGY

As a plastic processing company, we have a particular responsibility when it comes to handling resources and waste. We accept this challenge and are continually working to improve our environment and energy performance.

We have been certified according to DIN EN ISO 14001 and DIN EN 50001 since 2012.

### Numbers



**100,0 %** of our production-related plastic waste from stretch film products is recycled internally. This helps us protect our resources and we have control over the quality of our recycled products at all times.



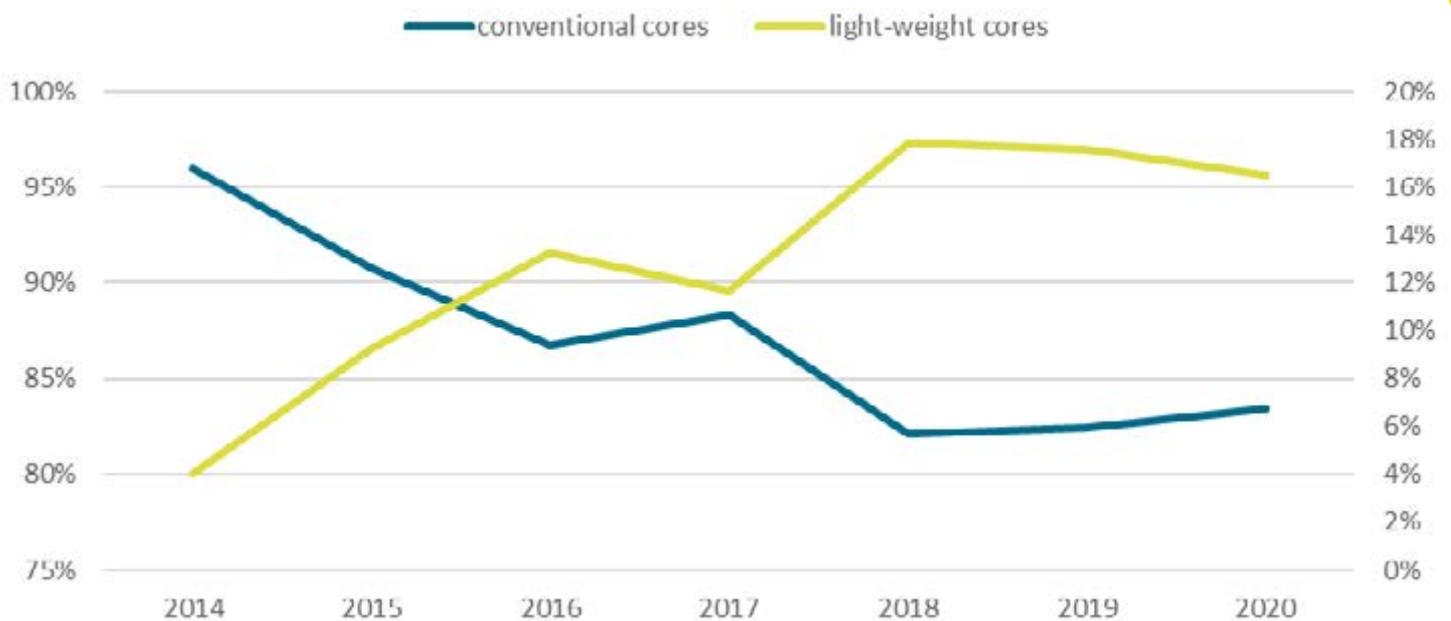
**99,9 %** Of our waste has been safe in 2020 and therefore does not pose a direct hazard to our environment.



**92,3 %** of our waste (without considering the waste that is already recycled internally) can be recycled. This includes paper and cardboard, plastic and wood waste.



We were able to increase the usage of light-weight cores for our films by **12,5 %** since 2014. We also protect natural resources by reducing the consumption of cardboard for our production.



The development over the past 5 years clearly shows that more and more light-weight cores (800 g - 1000 g for machine rolls with a width of 500 mm) are being used.

## Projects

### Zero Pellet Loss

Since 2019, we have been participating in the “Zero Pellet Loss“ initiative from the IK Industrievereinigung Kunststoffe e.V. The goal of this initiative is to protect the seas from microplastics. Companies participate in this along the entire delivery chain and provide their contribution.

Of course, it has always been our ambition to keep the flow of granulate into the environment as low as possible, nevertheless, inspections have shown that there is room for improvement. Internal audits and trainings have already payed off and led to more awareness.



## manunature®

With Manunature®, we have brought three new products to life that should provide a contribution to environment protection by taking different approaches.

### Manunature® BB ATX

is a co-extruded stretch film made of polyethylene. 50% of the material is based on renewable resources from industrial byproduct flows. The film is designed for packaging pallet goods for loading safety during transportation. The origin of the renewable resources as well as the sustainable delivery chain are ensured through a mass balance concept.

### Manunature® BD ATX

is a co-extruded stretch film made of polyethylene and is designed for packaging pallet goods for loading safety during transportation. The film is 100% renewable and additionally offers the advantage of safe biodegradability within two years after the end of the service life should the film accidentally make its way into the environment.

### Manunature® RR AT

is a co-extruded stretch film made of polyethylene and is designed for packaging pallet goods for loading safety during transportation. This product contains 30% regranulate made of recyclable plastic waste (post-consumer recycling) and thereby contributes to the recycling economy.

## manustar®

### Manustar® SC $\mu\text{m}$

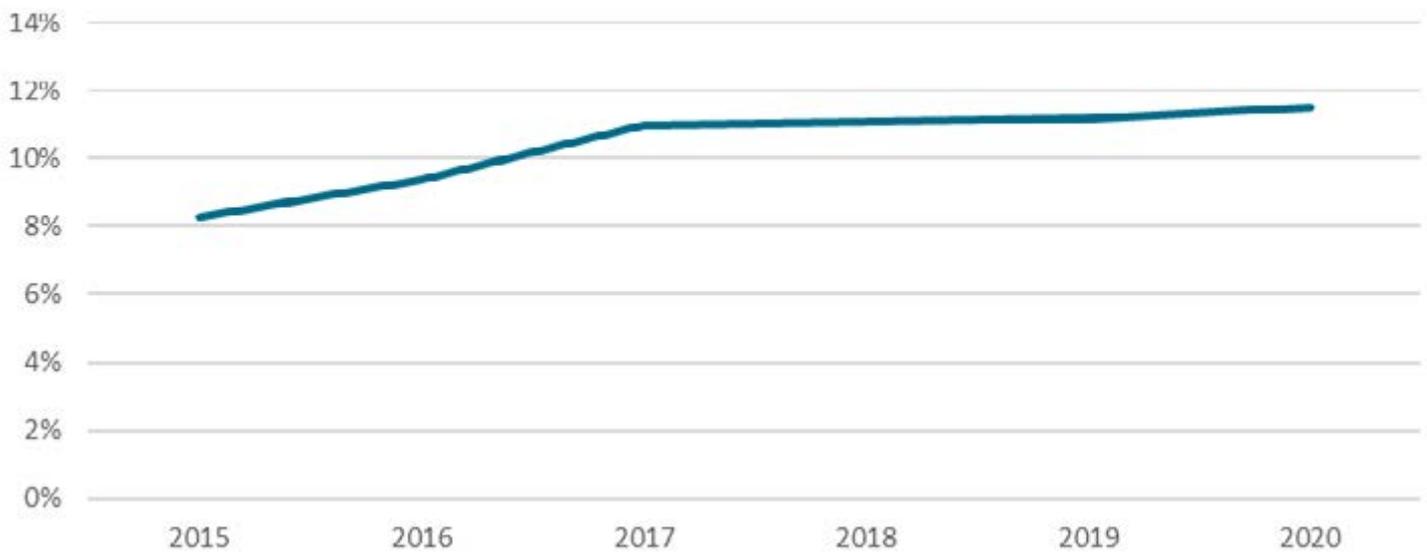
We expanded our portfolio with Manustar® SC in 2019. It is our most stretchable film with up to a 400% guaranteed pre-stretch (at 23  $\mu\text{m}$ ). The film consumption per pallet is reduced through the high pre-stretching.

### Thin films to preserve resources

Since 2015, our sales for films with a low thickness (7-14  $\mu\text{m}$ ) has increased by 3.2%.

There is a clear trend throughout the years:

percentage of films with low thickness (7-14  $\mu\text{m}$ )



### Climate protection - carbon footprint

In 2021, we will start to work on our CO<sub>2</sub> footprint. The target is to organize all of our business processes to be CO<sub>2</sub> neutral. Therefore, a CO<sub>2</sub> balance is created to determine potentials of improvement and to define targets accordingly.

### Individual contribution of our employees to environment protection

All of our employees take daily measures to ensure an environment-friendly working method. Our office activities are almost all paperless, printing is usually done double-sided, waste is always separated, business trips are planned with public transportation as often as possible. Everybody in the company internalizes our sustainability policy and pays attention to a responsible handling of our resources.

Due to the Corona pandemic, our travel activity in 2020 has been reduced to a minimum and often replaced by video meetings. We would like to maintain this approach in the upcoming years wherever possible.

Everybody in the company internalizes our sustainability policy and pays attention to a responsible handling of our resources. We consistently receive suggestions from our employees, how to improve our environmental performance further.



# SOCIAL

Social sustainability means offering employees a workplace with future perspectives. Countless offers and measures to increase employee satisfaction are continually implemented

## Numbers



**144** employees are currently employed at Manupackaging Deutschland. Most of our employees work in the 3-shift operation in our production facilities.



**59.195 €** were invested in 2020 for training and education for our employees and provided an important contribution to the personal development of our employees.



**14 h** of safety training was provided. The number of work accidents has reduced by nearly 65% since an HSE coordinator has been appointed. The HSE coordinator detects weaknesses and potential hazards periodically and implements preventive measures.

## Projects

### Health prevention

Our employees should feel comfortable in our company for a long time and remain healthy while they age. That is why we support our personnel, in cooperation with the health insurance companies, with their individual healthcare. For example, we organize health days, skin screening, sport groups and inform about current health topics.

Additionally we are receiving a weekly delivery of fresh fruits for every employee.

### Social responsibility

Every employer has a social responsibility to their employees. In order to show our stakeholders that we fulfil this responsibility, we were audited according to SMETA and are therefore registered on the SEDEX platform.

An annual assessment of our efforts by EcoVadis is also a part of our sustainability management. We were distinguished with a silver medal in 2019.

Our code of ethics has been a fixed component of our company policy for years.

### Corona pandemic 2020

We have paid a special attention to the protection of our employees during corona pandemic. Aside from general hygiene and distance rules, we have offered a remote workplace to all of our office workers already in March 2020, presence meetings have been reduced to a minimum, free face masks and antigen rapid tests have been offered, employees have been sensitized continuously. These actions did not miss the target: only a small fractional part of our employees has been provably infected with Covid19; a contagion within the company could be prevented in every case.

**A NATURAL PASSION FOR PROTECTION** is the motto from Manupackaging Deutschland and is exemplified by the employees and management. Our passion to develop sustainable products, to produce without wasting resources and to inform our customers about environment-friendly packaging solutions already begins with the planning and can be seen throughout every department in the company like a green thread. As a manufacturer of plastic films, we are aware of our responsibility and will take new paths in the future as well and do everything possible to contribute to our share of protecting the environment.



A NATURAL PASSION FOR PROTECTION

Manupackaging Deutschland GmbH  
Value Park, Bau Z 20  
06258 Schkopau  
Deutschland

[www.manupackaging.com](http://www.manupackaging.com)

Geschäftsführer:  
Massimo Moroni, Antonio Pecorone, Ronny Kittler  
Sitz der Gesellschaft: Schkopau  
Handelsregister: HRB 211290  
Registergericht: Stendal  
USt-ID: DE192062964