



**NEWBORN  
PLASTIC**  
POLAND

**Manufacturer of  
plastic products**

→ [www.newbornplastic.pl](http://www.newbornplastic.pl)

**BORN TO BE  
ECO**

**NEWBORN PLASTIC**

# *A global take on recycling*

We boast years of practical knowledge and experience, cutting-edge machine resources, qualified staff and an unwavering determination to offer our products and services at the highest level. Our services comply with applicable quality standards and are based on state-of-the-art, innovative technologies to ensure that they do not adversely affect the environment. Having been in the recycling industry for years, our primary focus is product quality and stability.

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**+20 years**

of experience in the recycling industry



**150**

specialists



**250**

business partners



**55%**

domestic sales



**45%**

foreign sales



**120 000 kg**

daily output



**7000m<sup>2</sup>**

production area



**2 500 ton**

processed waste per month

# Experience, quality and continuous development

## Certificates



Payment Integrity Certificate



Certificate Eucertplast



Reliability Certificate



# About us



**NEWBORN PLASTIC, based in Kolbuszowa, entered the recycling market in 2012. Our well-established position in the waste management industry has allowed us to implement an impressive number of projects, gain valuable experience, conclude numerous contacts and develop a brand that became recognisable in the industry of processing recyclable materials and manufacturing plastic products. On the contemporary recycling market, NEWBORN PLASTIC stands for high quality products and advanced production technologies.**

***Curiosity* / *Responsibility* / *Integrity* / *Respect***

We deal with the broadly defined recycling processes. Our main objective is to provide high quality products and professional services to every customer. Our strengths include the use of advanced technology, effective cooperation with customers in Poland and Europe and high-performance production facilities. While striving to achieve our goals, we also focus on sustainable development and show genuine care for the environment.

Customer satisfaction is our priority. We have our own technological facilities and infrastructure, including a laboratory, a process water treatment plant and cutting-edge machinery. We also make sure that all our employees are highly qualified specialists. Our conscientious, fair play approach to business has gained the trust of a number of reputable companies, institutions and business partners.

We manage our company guided by values that are not only relevant to the present, but also have an impact on our common future.





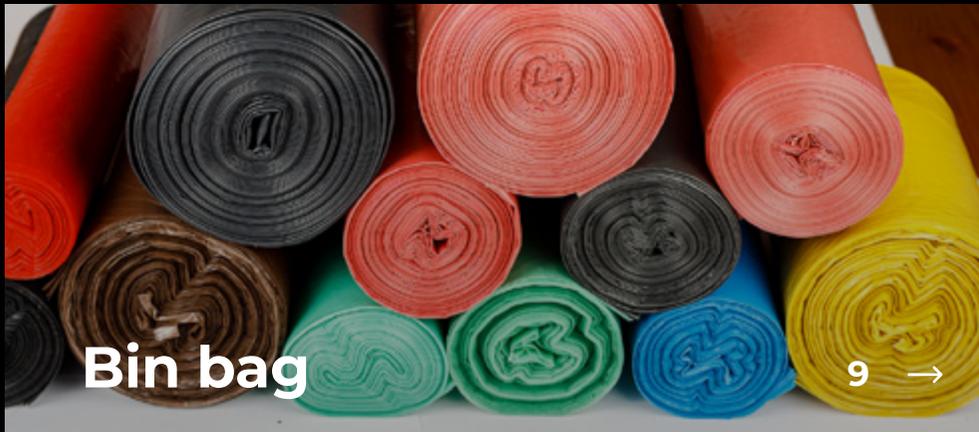
**Regranulate**

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**Films**

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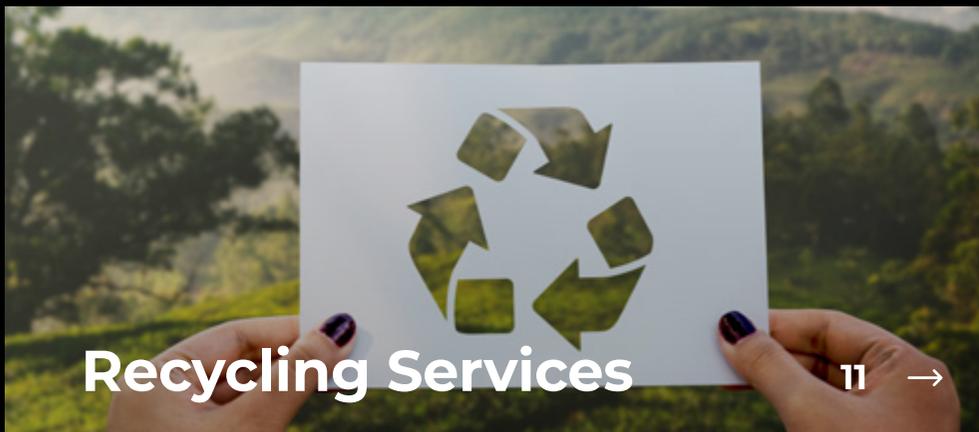
**Bin bag**

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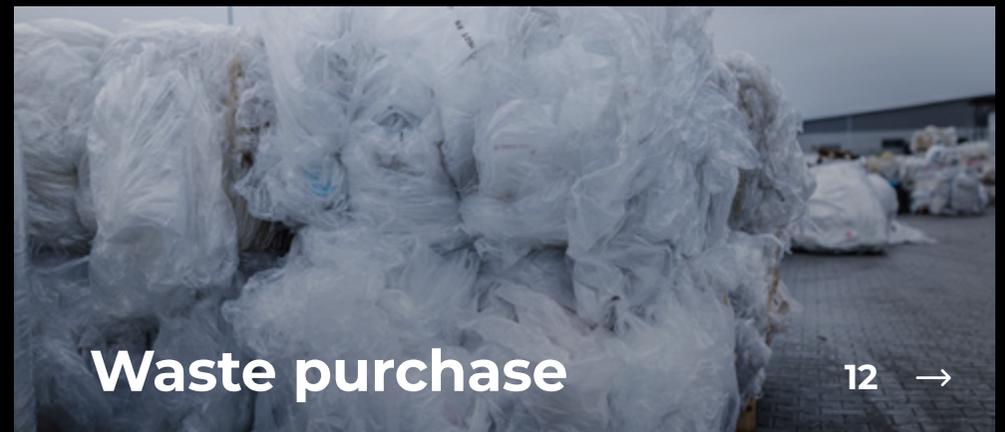
**Compounds**

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**Recycling Services**

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**Waste purchase**

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# Films

**NEWBORN PLASTIC produces high-quality industrial films from original granulates and recyclable raw materials. Our products are used for packaging of all kinds of metal, wooden or plastic products. We are continuously developing our range of products, using only the most advanced technologies and excellent quality materials.**



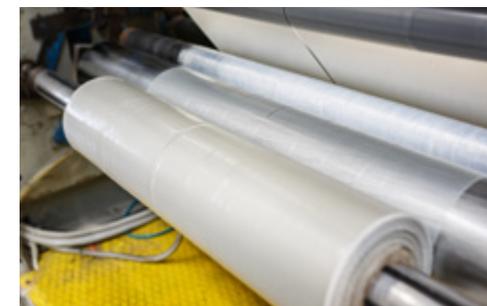
**Tapes/Double tapes**



**Sleeves**  
(with or without overlaps)



**Half sleeves**  
(with or without overlaps)



**Poly bags on a roll  
perforated for easy  
dispensing**

In terms of customer profile, we provide our services to both small and large companies, as well as individual customers. We can produce film in different thicknesses, widths, lengths and colour, depending on customer needs. The manufactured films can also be ionised and surface-treated for printing.

Download technical specification from  
**[www.newbornplastic.pl](http://www.newbornplastic.pl)**



# Bin bags

**NEWBORN PLASTIC manufactures bin bags for waste segregation and produces plastic packaging for a number of industries, including construction, gardening, automotive, retail, furniture and many others industries, using the best quality materials of our own production, obtained in the recycling process.**

We have years of experience in this sector and have a thorough understanding of market requirements, customer needs and expectations, as well as the applicable quality standards. We offer bin bags of different thicknesses, widths and colours, depending on the customer's requirements. We can also manufacture customised bin bags under the customer's brand.

## **Our offer**

- 35L to 300L bags,
- bin bags - packed flat or on a roller,
- bin bags with perforation for easy dispensing,
- biodegradable bags with drawstrings.

The bags produced from our regranulate have excellent properties in terms of tear and puncture resistance and durability.

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**The diversity of NEWBORN PLASTIC range of bin bags and our flexibility in terms of adapting to our customers' needs is a guarantee of a comprehensive approach to any order, regardless of its volume or complexity.**



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# Compounding

**NEWBORN PLASTIC offers a wide range of modified plastics produced in the process of compounding. Making use of our knowledge, years of experience and advanced technology, we refine polymer raw materials by adding fillers, anti-static agents, stabilisers and other additives in precise quantities, which result in unique compounds with specific properties for given applications. We guarantee our customers the highest performance and cost-effectiveness of our products.**

## **The scope of services offered:**

- production of plastics with fillers such as talc, chalk ( $\text{CaCO}_3$ ), wood flour,
- production of plastics modified with anti-static agents, plasticizers, lubricants, UV stabilisers, anti-fogging agents, anti-blocking agents, cleaning agents, desiccants
- production of flame retardant plastics,
- production of biodegradable plastics.

We closely cooperate with the customer in the process of modification of both original polymers and regranulate. We modify plastics according to the formulas provided by the customer or develop them on our own, according to the specific nature of the order.



# Waste purchase

**As a producer of plastic products, we focus our pro-environmental efforts on sourcing raw materials from waste, making our production processes more efficient, cost-effective and environmentally friendly.**

## **We purchase:**

- post-production waste
- post-agricultural waste
- high-purity waste
- regrind
- post-consumer waste
- agglomerates
- conglomerates

Plastic waste recycling is not just about the protection of our planet. It is about recognising the potential of plastic waste as a valuable resource that can be reintroduced for reuse again and again. For us, it is no longer the economic model of the future, it is the present. Maximised added value of plastic, minimised waste generation. This has been our economic model for years.





**Laboratory**

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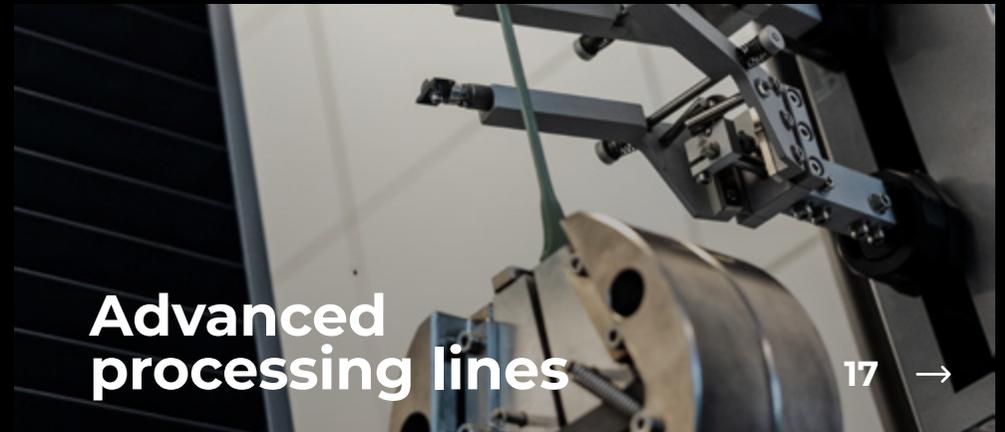
**Process water  
treatment plant**

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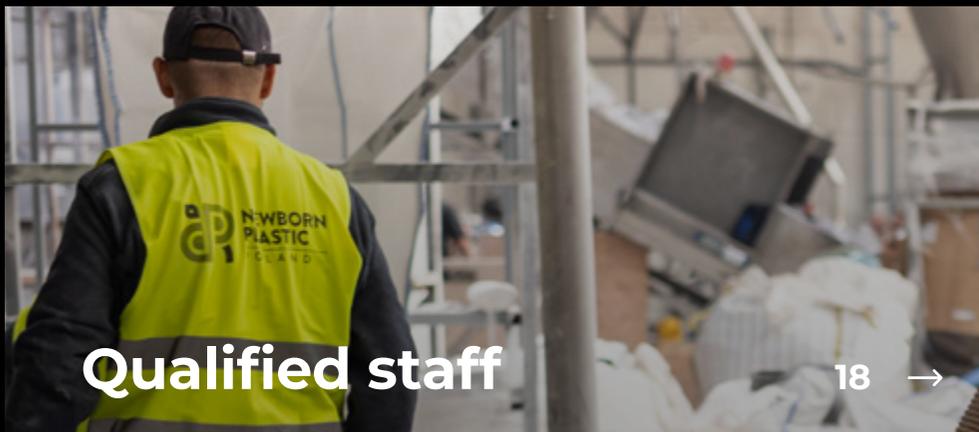
**Material  
homogenisation**

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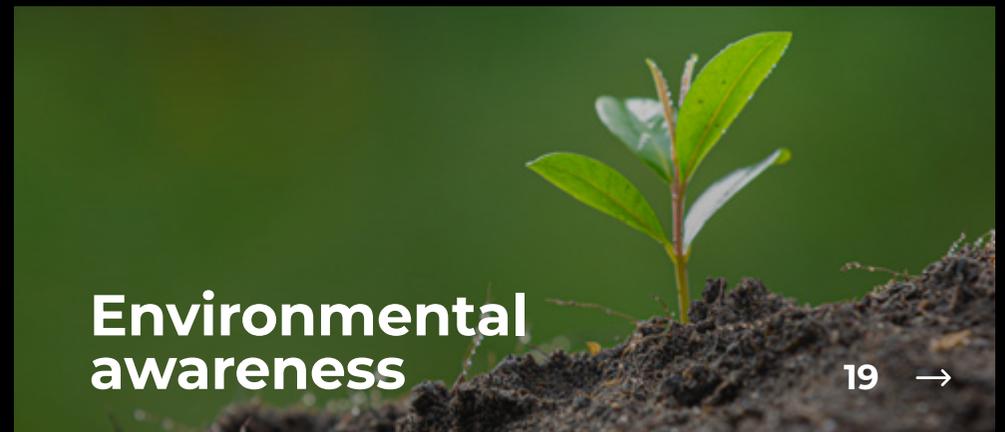
**Advanced  
processing lines**

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**Qualified staff**

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**Environmental  
awareness**

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# Laboratory

**Thanks to research, development and close attention to detail, NEWBORN PLASTIC has become a reputable company, known for the excellent quality and precision of its solutions. In 2022, we introduced a new important organisational unit of our company - a state-of-the-art research laboratory, responsible for advanced testing of the raw materials processes in the plant, as well as the resulting products.**

Our highly qualified laboratory staff conducts tests on raw materials at every stage of the recycling process, controlling it and making adjustments in real time, if necessary. It also refines the technical and environmental properties of the products to suit an even wider range of technical applications. Our customers can be confident that they receive a final product of the highest quality, with parameters that perfectly match their needs and requirements.

**Our priority is to use a wide range of testing methods in order to determine:**

- rheological parameters and specific density of the produced mixtures,
- mechanical properties and impact resistance,
- composition of mixed polymers,
- filling degree with minerals and other fillers,
- compatibility of colour with the accepted colour system,
- surface moisture content of the packaged product.

NEWBORN PLASTIC's modern and well-equipped laboratory facilities allow us to analyse the input materials on an ongoing basis and control the end result of the process in accordance with the applicable ISO standards.

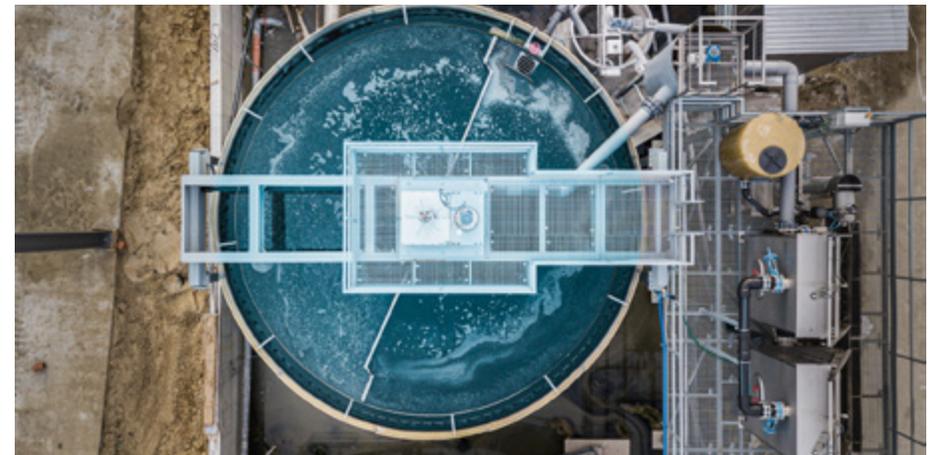


# *Process water treatment plant*

**There is no other technology that offers as much potential for savings in terms of operational cost as process water treatment. For this reason, but also to meet the global need of water conservation, NEWBORN PLASTIC has commissioned its own process water treatment plant.**

The closed-loop technology used enables considerable savings of natural resources, especially since process water losses are made up by rainwater. Our in-house process water treatment plant helps us maintain a constant level of quality and maximise production efficiency.

With a closed loop system, the water used is fully recovered, significantly reducing the costs of waste washing. With effective and efficient process water treatment, NEWBORN PLASTIC is able to achieve all planned business and environmental goals in a modern, reliable and cost-effective manner.



# Material homogenisation

Our goal is continuous improvement of the quality, efficiency and speed of our supply chain, which starts with procurement, order placement by the customer, production of the final product and ends with distribution. NEWBORN PLASTIC specialists use a mixer with a 24-tonne intake capacity to homogenise material when preparing top-quality products that combine creativity with advanced technology. The technology used allows us to maximise the homogeneity of the product in terms of the physical and chemical properties of the regranulate, including melt flow rate of the material, surface moisture, filtration and colour homogeneity.

## Material homogenisation:

- minimises technological problems on production lines,
- increases process efficiency,
- reduces product losses,
- prevents unnecessary supply and return of raw materials,

which translates into harmonious cooperation and sustainable development along with our customers.



# *Cutting-edge machinery*

**NEWBORN PLASTIC's constantly expanding, state-of-the-art range of machinery ensures high production output. The company is not only a manufacturer of its own products, but also a plastics processing platform with enormous potential.**

The company successfully implements the principle of maximum efficiency and minimum costs by using technologically advanced and environmentally friendly machinery in the production process. By regularly upgrading its machinery, NEWBORN PLASTIC consistently increases its production output, expands its portfolio and enters into cooperation with new business partners.



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## *Quality has no price*

NEWBORN PLASTIC consistently meets the ever-increasing demands of domestic and foreign partners in terms of quality. Based on total quality management in production, we manufacture all our products with commitment, strictly according to the applicable standards. Our goal is not only to maintain high quality standards, but to strive to raise them.

# Qualified employees

**NEWBORN PLASTIC's qualified and growing workforce is one of the factors behind our success. We are proud of our employees' experience, extensive expertise and constantly improved skills.**

We are happy to encourage our team members to take initiative and drive innovation. We promote the development of our employees' competencies based on individually agreed goals. We integrate matter-of-fact expertise in the recycling industry with a passion and love for advanced, smart solutions and ideas in this area.



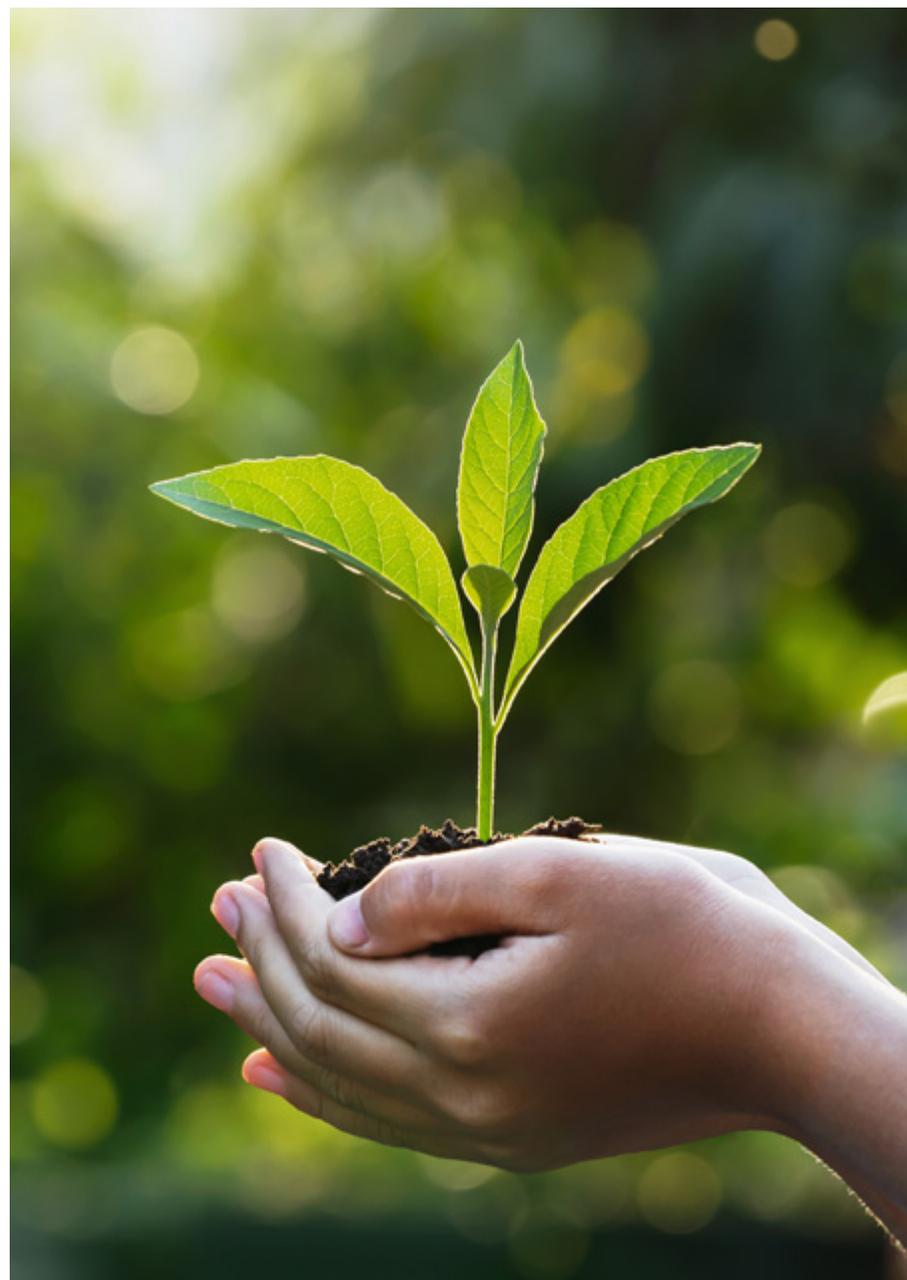
# *Environmental awareness*

**Recycling waste and producing plastic products in a more sustainable way is a challenge and a priority for NEWBORN PLASTIC, as the company is guided by ambitious environmental goals in terms of its operations. We successfully combine our carefully planned company strategy with the aspects of environmental protection and social responsibility. Pro-environmental principles have guided us ever since the establishment of our company.**

Modern and highly efficient recycling and production processes based on recycled raw materials, carried out with respect for the environment are in line with the global concept of a closed loop economy, which can be summed up as 3Rs: reduce, reuse, recycle.

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**NEWBORN PLASTIC discovers every day new opportunities in the rapidly changing recycling sector and co-creates smart solutions for a cleaner world.**





**NEWBORN PLASTIC s.c.**

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