



■ ENTSORGUNG

■ ROHSTOFFVERWERTUNG

■ PLASTICS



PIONEER FOR SUSTAINABILITY

As one of Europe's largest suppliers of recycled PET, we at the RCS Group in Werne take a significant responsibility for the environment. Our aim is to make a positive contribution to reducing waste and CO₂ emissions by using innovative recycling processes.

Our recycling processes include several sorting steps as well as complex and resource-saving washing processes. Our energy-efficient process enables us to obtain a high-quality product from a secondary raw material. It can be used in a variety of ways in the production of drinks bottles and other food packaging with a content of up to 100%. In fact, our processing is of such high quality that our recycled plastic can be used 1:1 for new bottles. Our commitment to this sustainable circular economy is the first step towards an environmentally friendly use of resources.



*Protect resources
and reduce waste*

Sustainability and the environmentally friendly use of resources are the principles of our corporate philosophy. We use modern processes to collect and process waste into secondary raw materials. This means that not only paper, wood and plastics, but also metals such as metals such

as copper, silver and tin back into the material loop. This conserves nature's reserves and protects our environment - for a green future.





We have developed an ambitious strategy to intensify our emissions reduction. We are aiming to reduce our CO₂ emissions by 42% per year by 2030. We are taking various measures to achieve this:

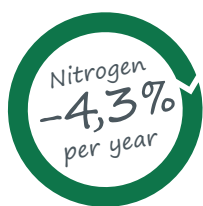


Purchasing green electricity:

We plan to cover part of our electricity consumption by purchasing 6,000,000 kWh of green electricity. This should reduce our CO₂ emissions by 24% per year.



Fleet conversion for internal transportation: By converting our fleet to more environmentally friendly options, we expect to save 8% of our CO₂ emissions per year.



Production of green nitrogen:

We plan to produce nitrogen using electricity-based processes. This is expected to achieve further savings in CO₂ emissions.



Generating our own electricity:

We will invest in generating our own electricity to further reduce our carbon footprint. This will allow us to reduce our emissions by 0.54% annually.

We are planning further measures to reduce our CO₂ emissions by a total of 42% annually.

We can already be proud of our successes to date. Our recycling has been awarded the „Green Angel“, as it consumes 36% less energy than comparable technologies. In addition, we have implemented extensive measures for sustainable operations, including the installation of photovoltaic systems, environmentally friendly planting on our premises and the use of waste wood/wood chip heating to save gas

Our efforts are also confirmed by independent certifications. In collaboration with the Fraunhofer Institute UMSICHT, we have developed a certificate that proves the sustainability of our circular economy. This certificate shows that our recycling saves large amounts of CO₂ and fossil resources. We are therefore already making an important contribution to environmental protection.

At the RCS Group in Werne, we are passionately committed to a sustainable future. We are convinced that a genuine circular economy is the solution for an environmentally friendly life. In addition, we are constantly reducing our emissions thanks to our well thought-out strategies.

More about our current projects



rcs-entsorgung.de/nachhaltigkeit