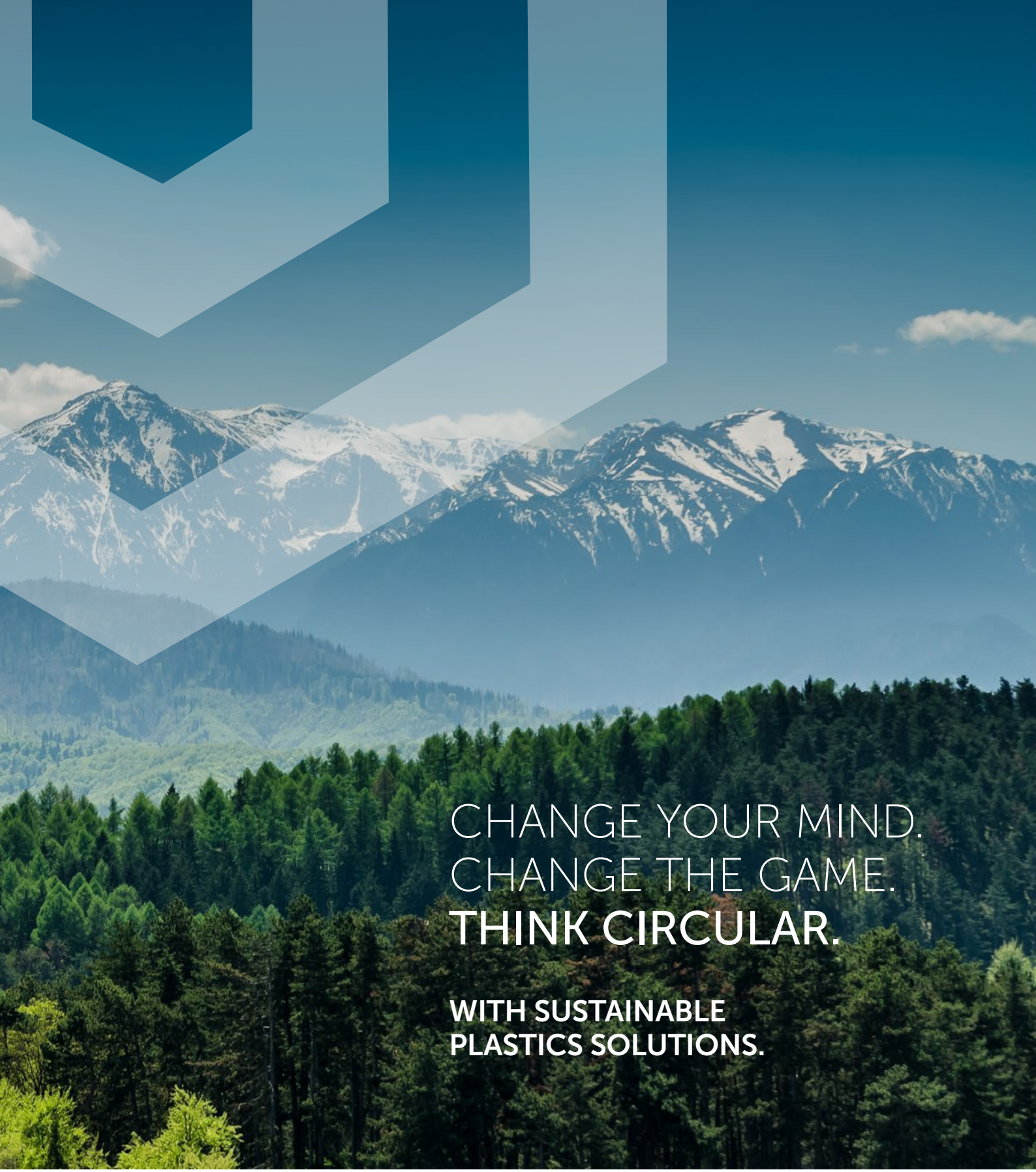


bageplastics
premium recycled granules

ALWAYS ONE STEP AHEAD.

WITH **SUSTAINABLE PLASTICS SOLUTIONS.** CUSTOMISED. TAILORED TO YOUR NEEDS.

The recycling specialist bage plastics with branches in Austria and Germany has specialised in the recycling of post-consumer plastic waste from electronic scrap for more than a decade. At its locations in Wolfern (Austria), St. Marien (Austria) and Großschirma (Germany), over **35,000 tonnes of high-quality post-consumer granulates** are produced every year for applications in the field of extrusion and injection moulding. bage **PCR granulates in PS, ABS and PP** can be used for the production of high-tech products. They can either be used as a substitute for new polymers - without any loss of quality - or in combination with new materials.

bage rPS

bage rPS portfolio consists of 100 % post-consumer granules recovered from electrical and electronic waste, which stand for their easy processability. They are suitable not only for classic applications such as foils, office supplies, furniture feet or plant trays but also for technical applications.

bage rABS

The recycled bage rABS range consists of 100 % post-consumer recycling and impresses through its highest quality. State-of-the-art technology, technical know-how and constant, stringent quality control make it suitable for a wide range of applications as engeneering plastics.

bage rPP

bage recycled polypropylene (rPP) contains exclusively post-consumer (PCR) content from electrical waste, as do all the bage plastics materials. They are particularly impressive due to their excellent elasticity, high fluidity, high impact strength at low temperatures and excellent heat resistance. The bage rPP are mainly used in the sports, construction and leisure industries as well as for the automotive sector.

bage COMPOUNDS

Using technologies and processes developed in-house, bage plastics produces customised plastic compounds that are precisely tailored to your requirements. Additives are used to achieve or improve the desired properties. bage compounds provide qualitatively equivalent performance to virgin plastics while being environmentally friendly and sustainable.

bage plastics
PCR RECYCLATES.

VERSATILE APPLICATIONS. FOR A WIDE RANGE OF INDUSTRIES.

Whether for coffee machines or electrical appliances, in the construction industry or in the household, whether for stamps, writing utensils or automotive - the sustainable, high-quality bage post-consumer granulates can be used in a variety of different markets. In terms of **melt index, density, tensile strength** and **impact resistance**, as well as **colour** and **gloss**, they meet the **high demands** of almost **any plastics processor.** Besides, the formulations can be **adapted to meet customer requirements.**

As one of the leading manufacturers of post-consumer plastics, bage guarantees the highest and most stable quality of its granulates and compounds. All steps of the production process are continuously monitored in well-equipped laboratories in order to ensure compliance with the technical and quality requirements and as well as with statutory regulations.

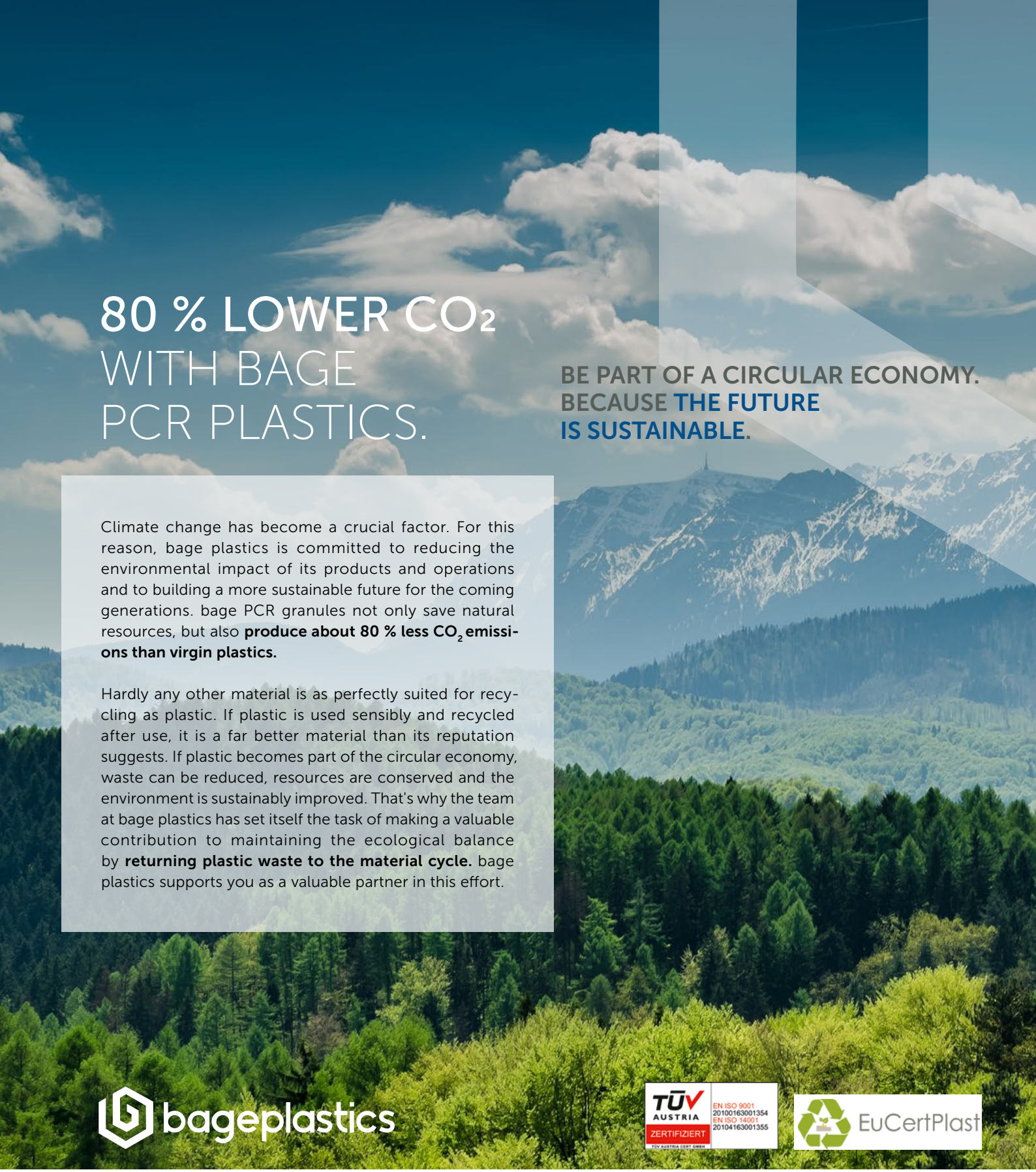
All bage plastics products have one thing in common:

- High PCR content, highest purity and quality
- They can replace virgin plastics by 100 % or can be combined with existing materials
- They help to reduce the CO_2 footprint
- The formulations can be adapted individually to meet customer requirements

	bage rPS	bage rABS	bage rPP
Impact - Charpy notched (23°C) DIN EN ISO 179	> 4 kJ/m² > 6 kJ/m² > 8 kJ/m²	> 10 kJ/m² > 14 kJ/m² > 18 kJ/m²	> 6 kJ/m² > 8 kJ/m² > 12 kJ/m²
MFI (220°C / 10 kg) DIN EN ISO 1133-1	4 - 7 g/10 min	20 - 35 g/10 min	8 - 50 g/10 min
Applications	Extrusion Injection moulding	Extrusion Injection moulding	Injection moulding
Special features available	Antistatic / conductive	UL Yellow card	High heat stabilization (OIT)

Colours on request!

www.bage-plastics.com



80 % LOWER CO_2 WITH BAGE PCR PLASTICS.

BE PART OF A CIRCULAR ECONOMY. BECAUSE THE FUTURE IS SUSTAINABLE.

Climate change has become a crucial factor. For this reason, bage plastics is committed to reducing the environmental impact of its products and operations and to building a more sustainable future for the coming generations. bage PCR granules not only save natural resources, but also **produce about 80 % less CO_2 emissions than virgin plastics.**

Hardly any other material is as perfectly suited for recycling as plastic. If plastic is used sensibly and recycled after use, it is a far better material than its reputation suggests. If plastic becomes part of the circular economy, waste can be reduced, resources are conserved and the environment is sustainably improved. That's why the team at bage plastics has set itself the task of making a valuable contribution to maintaining the ecological balance by **returning plastic waste to the material cycle.** bage plastics supports you as a valuable partner in this effort.

bageplastics

TÜV AUSTRIA ZERTIFIZIERT EN ISO 9001 20100163001354 EN ISO 14001 20104163001355

EuCertPlast

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