



## Joint News Release

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### **BASF signs long-term agreement with Braven Environmental for supply of advanced recycled feedstock**

- **Supply of pyrolysis oil is an important step in the commercialization of BASF ChemCycling project in North America**
- **Pyrolysis oil from mixed plastic waste will partly replace fossil feedstock**
- **Braven to supply PyChem from a future site in Texas**

HOUSTON, TX, MARCH 11, 2025 – BASF Corporation and Braven Environmental, a market leader in advanced recycling, have signed a supply agreement for Braven PyChem®. This advanced recycled feedstock, derived from mixed plastic waste, will partially replace fossil resources at the BASF TotalEnergies Petrochemical (BTP) facility in Port Arthur, Texas. Under the agreement, Braven will supply BASF from a multi-unit facility that Braven has announced it will build in [Texarkana, Texas](#).

Braven PyChem® is ISCC PLUS certified and manufactured using Braven’s proprietary pyrolysis technology, produced from plastic waste streams diverted from landfills and incineration.

BASF will use PyChem in its [ChemCycling®](#) process where the share of recycled plastics is attributed to certain products manufactured in the value chain using a third-

party audited [mass balance approach](#).<sup>1</sup> The products, which carry the “Cycled®” designation, have the same properties as those manufactured from fossil feedstock. Customers will be able to further process them in the same way as conventionally manufactured products and use them in demanding applications such as in the construction or automotive industries.

“Solving the challenge of plastic waste and creating a more circular economy requires innovation and collaboration across the value chain,” said Christoph Gahn, Vice President of Circularity & Sustainable Raw Materials Petrochemicals at BASF. “This offtake agreement with Braven is an important step toward the commercialization of our Cycled portfolio in North America. By using recycled feedstock in a mass balance approach, we can save fossil resources, and by using Cycled products, BASF customers are enabling plastics circularity.”

“Partnering with BASF is an exciting step forward in our commitment to scaling advanced recycling solutions,” said Jim Simon, President and CEO of Braven Environmental. “This collaboration will accelerate the deployment of our patented pyrolysis technology, helping to transform plastic waste into valuable resources. With BASF’s global expertise and dedication to sustainability, we are well-positioned to drive meaningful change in the circular economy and reduce the environmental impact of plastic waste.”

Cycled® and ChemCycling® are registered trademarks of BASF SE. PyChem® is a registered trademark of Braven Environmental.

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<sup>1</sup> Conventional fossil raw materials required to manufacture BASF products are replaced with recycled feedstock from the chemical recycling of plastic waste along BASF’s integrated production chain. The corresponding share of recycled feedstock, e.g. pyrolysis oil, is attributed to the specific Cycled® product via a certified mass balance approach. BASF sites and Cycled® products are third-party certified according to internationally recognized certification schemes like REDcert<sup>2</sup> and ISCC PLUS and meet the definitions by ISO 22095:2020. The recycled feedstock is not measurable in the BASF mass balance product. The cradle-to-gate product carbon footprint (PCF) is calculated according to TfS Methodology using both a cut-off approach and an Upstream System Expansion (USE) approach. USE accounts for a credit for the displaced waste treatment from the first life cycle (e.g. incineration), thereby reducing the PCF compared to the equivalent conventional fossil product.

## **About BASF**

BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has approximately 16,000 employees in North America and had sales of \$19.7 billion in 2024. For more information about BASF's North American operations, visit [www.basf.com/us](http://www.basf.com/us).

At BASF, we create chemistry for a sustainable future. Our ambition: We want to be the preferred chemical company to enable our customers' green transformation. We combine economic success with environmental protection and social responsibility. Around 112,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises, as core businesses, the segments Chemicals, Materials, Industrial Solutions, and Nutrition & Care; our standalone businesses are bundled in the segments Surface Technologies and Agricultural Solutions. BASF generated sales of €65.3 billion in 2024. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at [www.basf.com](http://www.basf.com).

## **About BASF's Petrochemicals division**

The Petrochemicals division is the starting point for BASF's petrochemical-based value chains globally. We operate a highly competitive asset base with best-in-class technologies and set the benchmark in safety, sustainability, operational excellence and cost competitiveness. With six Verbund sites and several major production sites, we are close to our customers and present in the largest chemical markets worldwide. The division supplies various value chains across the company and a broad range of customer industries with high-quality chemicals, putting our customers in the center of everything we do and contributing to the organic volume growth of BASF. Our portfolio includes cracker products, industrial gases, acrylics, superabsorbent polymers, styrenic foams, alkylene oxides, glycols, alcohols, solvents and plasticizers. In 2024, the Petrochemicals division generated sales to third parties of about €8 billion. Further information is available online at <http://petrochemicals.basf.com>.

## **About Braven Environmental**

Braven Environmental is an innovative leader in the advanced recycling industry. The company specializes in converting waste plastics that would otherwise be landfilled or incinerated into valuable chemical products like PyChem®. With its proprietary pyrolysis technology, Braven is dedicated to providing sustainable solutions and advancing the circular economy. For more information about Braven Environmental, visit [www.bravenenvironmental.com](http://www.bravenenvironmental.com).