

BlueAlp and BioBTX Partner to Advance Circular Aromatics from Plastic Waste

Delfzijl / Eindhoven, The Netherlands, 22 April 2026 - Dutch technology companies BlueAlp and BioBTX announce that BlueAlp has been selected as technology partner for the BioBTX project in Delfzijl. The goal is to combine the technologies in the BioBTX plant in Delfzijl to convert hard-to-recycle mixed plastic waste into high-value circular aromatics.

BlueAlp's patented pyrolysis technology will convert post-consumer mixed plastic waste into a gas-phase by gradually heating the plastic waste via pyrolysis. BioBTX will then convert via its proprietary catalytic process these vapours into circular aromatics - key chemical building blocks used in industries such as automotive and advanced materials.

The integrated technology will be implemented at BioBTX's plant in Delfzijl, where BlueAlp has been selected as the technology partner following a thorough technology evaluation process. BlueAlp will provide BioBTX with a license to its technology and will be responsible for the detailed engineering, design, and fabrication of the pyrolysis unit, which will be integrated into the larger BioBTX facility.

The BioBTX plant will have an intake capacity of approximately 20 kilotonnes per year (kta) of mixed plastic waste. The pyrolysis unit is currently being fabricated at BlueAlp's headquarters in Eindhoven and the modules will be transported and integrated at the Delfzijl site from December 2026 onwards.

"After an extensive evaluation process, we selected BlueAlp because of their continuous process, proven technology and TRL 9 maturity," said **Ton Vries, CEO** at **BioBTX**. "By incorporating BlueAlp's technology with BioBTX's ICCP technology, we are creating a true best-of-both-worlds solution, one with the potential to fundamentally reshape the future of the circular chemical industry."

Valentijn de Neve, CEO at **BlueAlp**, added: "This collaboration with BioBTX represents an important milestone for BlueAlp. It allows us to play a larger role in the circular aromatics market as combining our technology with BioBTX provides a more direct pathway towards circular Benzene, Toluene and Xylene. We are impressed by BioBTX's innovative technology and the strength and commitment of their team."

Both companies share the ambition to accelerate the circular chemical industry. The Delfzijl plant will be a key milestone for the industry, as the first-of-its-kind facility owned and operated by BioBTX and deploying ICCP technology at industrial scale.

The partnership marks an important step toward scaling circular solutions for plastic waste and reducing reliance on fossil-based aromatics.

About BioBTX

BioBTX is a leading circular chemistry technology developer that makes it possible to replace fossil resources for biomass & plastic waste. BioBTX uses these renewable resources for the production of drop-in chemicals and aromatics via its inhouse developed ICCP technology to enable the production of sustainable and future proof materials. BioBTX has successfully demonstrated the ICCP technology on its Pilot Plant in Groningen, the Netherlands and is realizing its first commercial scale plant in Delfzijl, the Netherlands. BioBTX mission is to make circular chemistry possible by developing technologies contributing to the circular economy. BioBTX offices are located in Groningen, the Netherlands.

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About BlueAlp

BlueAlp is a leading chemical recycling technology company, with a proven and scalable technology to convert mixed plastic waste into circular base material for the petrochemical industry. Driven by its mission to accelerate plastic recycling, BlueAlp enables the transition toward a truly circular plastics economy. BlueAlp has developed its unique process step by step, starting with its first 3kt plant in Switzerland. Building on this solid foundation, Renasci (now BlueAlp Oostend) licensed BlueAlp's technology to develop and operate a 21kt scale-up facility, demonstrating the robustness and commercial readiness of the process. Today BlueAlp is growing its operations globally, which includes amongst others building the largest pyrolysis plant of Italy together with Italian waste manager RES.

BlueAlp operates through three complementary business models: the development and licensing of proprietary technology; the delivery of detailed engineering and fabrication of chemical recycling plants; and the ownership and operation of chemical recycling facilities. Headquartered in Eindhoven, the Netherlands, BlueAlp employs approximately 130 people, incl. BlueAlp Oostend employees in Belgium. The company is supported by a strong shareholder base including Borouge International, Shell, Rumali, Den Hartog, and Mourik.

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