

Agilyx Patent for Chemical Recycling of Polystyrene Expanded to Include all Waste Plastics

TIGARD, Oregon, USA – September 13, 2021 – Agilyx Corporation (AGLX), a wholly owned subsidiary of Agilyx AS (Euronext Growth (Oslo): “AGLX”) and a pioneer in the chemical recycling of post-use plastics has been granted a patent continuation for its process of breaking down waste polystyrene into its chemical building block, styrene monomer. The continuation of US patent number 11,041,123 further confirms Agilyx’s depolymerization technology extends to the breaking down of all waste plastic polymers into their respective discrete monomers and is not only limited to polystyrene. This patent demonstrates the versatility of Agilyx’s innovation portfolio while continuing to advance its position as a leader in the depolymerization of waste plastics.

“This patent continuation demonstrates the robustness and versatility of the Agilyx technology, not restricting our claims to polystyrene to styrene monomer; thereby, expanding our patent coverage to depolymerization of polymers back to the monomer level, enabling greater circularity for more plastics,” stated Dr. Chris Faulkner, CTO at Agilyx. “Essentially, our process has not changed. We are using the same technology on the same machinery, though it may be operated in a slightly different way depending on the polymer. The recognition that this technology applies to a broader range of polymers is an exciting advancement in our mission to increase recycling and circularity of post-use plastics.”

About Agilyx

Agilyx (AGLX) is an early leader in the advanced recycling of difficult-to-recycle post-use plastics. With Agilyx's chemical recycling technology, mixed plastic waste or streams of discrete post-use plastics, such as polystyrene, can be converted to new virgin-equivalent plastics, as well as chemical products and fuels – creating the opportunity for true circularity. The company has not only developed these first-to-market products but has also developed a feedstock management company, Cyclyx International, LLC, and is partnering with a range of waste service providers, municipalities, petrochemical, and brand and retail companies to develop closed-loop recycling solutions for mixed waste plastics. www.agilyx.com.

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