

## **Recycled BTX Made From Mixed Waste Plastics via Plas-TCat® Process**

Anellotech now offers drum-quantity product samples of aromatics produced from recycled mixed waste plastics. The recycled benzene, toluene and xylenes (BTX) will be available to current and potential commercial partners. The samples are made at Anellotech's TCat-8® facility — a fully automated, 30-meter-tall pilot plant located inside Trecora's Silsbee, Texas facility— during ongoing studies demonstrating Anellotech's Plas-TCat® catalytic pyrolysis technology. TCat-8 can operate 24/7 and converts a representative mixed waste plastics feedstock — including all major plastic types, with the exception of PVC, into BTX, light olefins and paraffins. Based on a proprietary catalyst and fluid bed reactor-regenerator system, Plas-TCat provides a new, direct route to light olefins and aromatics from plastic waste streams — such as polyolefins, polyamides (nylon), polyethylene terephthalate (PET), polycarbonate and polystyrene — without the need for steam cracker furnaces. The resulting output of benzene, toluene and xylenes, as well as ethylene, propylene and butylene (light olefins), are suitable after separation for plastics manufacturers to produce a wide range of virgin plastics.