

Commentary

Advances in Nanofiltration

Ugbolue S. C.

Focus Nanotechnology Africa Inc. (FONAI)

P.O. Box 763 Ithaca, NY 14851

The BCC Research LLC in their Market Research Report showed that the global market for nanofiltration membranes increased from \$89.1 million in 2006 to an estimated \$310.5 million by 2012, a compound annual growth rate (CAGR) of 26.1%. The water treatment sector projected to account for 72.7% of total revenues in 2007, worth an estimated \$70.9 million in 2007 is expected to reach \$238.2 million by 2012, a CAGR of 27.4%. However, Frost and Sullivan in their US Membrane Separation Systems Market (2006) forecast the market to grow at a compound annual growth rate (CAGR) of 34.3% through 2015, and at a 37.2% CAGR from 2015 through 2020, reaching nearly \$2.2 billion in total revenues by 2020. Thus, this commentary highlights some of the developments and advances in nanofiltration and expanding areas of application.