

Enabling the Renewable Chemical Industry: Cargill's Perspective

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Abstract

Recent price increases and volatility in petrochemical feedstocks have placed great pressures on the domestic chemical industry. These pressures, combined with global regulatory and environmental trends and strategic governmental investments, have led to a growing interest in renewable-based chemicals. The biorefinery concept, defined as the co-location of the manufacturing of food, feed, energy and chemical products, is needed to realize this vision. Cargill has built two domestic biorefineries and has recently begun investing in new platform chemicals to expand the biorefinery concept to other feedstocks. This presentation will describe Cargill's view on the evolution the renewable chemical industry, Cargill's current efforts to build new chemical platforms, and will provide a glimpse into the biorefineries of the future.