

Biomass, Biomass And Waste-To-Energy - Worldwide Market Challenges & Opportunities

November 1, 2009

Abstract:

Rising concerns about global warming, volatile oil prices, and the need for energy supply security are fostering the demand for sustained power generation from renewable sources such as biomass. Rapidly expanding global population and fast-paced economic growth is propelling the demand for all forms of energy including electricity. To address the growing energy demand, countries are exploring a wide array of low-cost, environment-friendly and renewable energy resources such as biomass, biogas, and wind. Biomass is a leading source of primary energy, and one of largest renewable sources of power.

Volatile prices of fossil fuels have enhanced the cost-competitiveness of biomass resources. Further, advent of emission trading market and reduction in the cost of biomass and bioenergy systems have propelled the demand for biomass production, consumption and trading. Governments are also encouraging the sector through development of new bioenergy policies to ensure supply security and to minimize pollution. Lower cost of power generation from biomass, and rising complexities with regard to waste disposal are expected to boost the prospects of biomass and waste-to-energy power generation technologies. However, the market faces several challenges in the form of high capital investment, complex plant operations, high maintenance cost, and uncertainty over raw material supply, among others.

These and other market data and trends are presented in "Biomass, Biomass and Waste-to-Energy: Worldwide Market Challenges & Opportunities" by BizAcumen LLC. Our reports are designed to be most comprehensive in geographic coverage and vertical market analyses.

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