

ENERGY CROPS AS A VALUABLE MATERIAL FOR BIOGAS PRODUCTION

Summary

Plant biomass for several years has been of particular interest for the energy, politics and economy sectors. Energy potential, general accessibility, and – undoubtedly – the possibility of green waste management, makes biomass one of the fundamental and commonly used in practice renewable energy sources. The European Union directive lays emphasis on the growth of renew-

able energy consumption and reduction of uncontrolled methane emissions, forces the member countries to invest in innovative technologies, including anaerobic digestion technology and biogas production. The article presents characteristics of selected energy crops and the ways of their conversion into gas biofuel, representing leading trends in this field.