

8th International Conference on

BIOFUELS, BIOENERGY & BIOECONOMY

December 04-05, 2017 | Sao Paulo, Brazil

Comparison between conversion processes for energy generation with *Eucalyptus***Bruno Santos Silva, Da Silva J A M1 and Torres E A**
Universidade Federal da Bahia, Brazil

With the increasing need for renewable energy sources due to possible fossil fuel scarcity in a near future and pollution caused by these fuels, which degrade the environment, there is a need to look for alternatives. There are conversion processes, which make the generation of energy from *Eucalyptus* biomass more economical. The purpose of this paper is to assess the economic feasibility of some of these processes: Drying, briquetting and torrefaction. Calculations based on data obtained from related literature and companies have been made for the assessment. The results indicated that the most economical scenario for *Eucalyptus* transportation is the dried *Eucalyptus* and the least economical one is raw *Eucalyptus*.

brunoss701@gmail.com