

Contract No.: ENK6-CT2001-00510

Title: Catalyst Development for Catalytic Biomass Flash Pyrolysis
Producing Promising Liquid Bio-fuels

Duration: 01/01/2004 - 30/06/2004

Abstract

The main objective of the project research work was the development of novel and selective catalyst systems for improved biomass flash pyrolysis in order to produce environmentally friendly and marketable liquid fuels and/or valuable feedstocks for the chemical industry.

CHIMAR's specific objective was the use of catalytic pyrolysis oil (bio-oil) as a substitute for petroleum phenol, the raw material for the production of Phenol-Formaldehyde (PF) synthetic resins, which are commonly applied in wood panel manufacture.