

Contract No. SES6 - 518312

Title: Co-processing of Upgraded Bio-Liquids in Standard Refinery Units

Duration 01/05/2006 - 30/04/2011

Abstract

The aim of the project is to develop a chain of process steps, which would effectively allow biomass feedstock to be co-fed to a conventional oil refinery. Bio-energy, bio-fuels and valuable bio-chemicals will be produced on a single petrochemical site, in existing standard refinery units.

CHIMAR will evaluate the obtained bio-liquids and their fractions as potential substitutes of the petroleum derived chemicals used in the production of PF resins. The latter are applied in the manufacturing of wood based panels. The aim is to replace as much as possible of the petrochemical phenol needed in the resin formula.