

Contract No: 11SYN8_944-FORECO

Title: Development of bioenergy and recycled wood products from forest residues and wood by-products

Duration: 08/10/2013 - 30/06/2015

Abstract:

Nowadays, considerable amounts of forest residues and wood industry waste are produced but remain unexploited, posing a threat to the environment and depriving the pool of resources of valuable renewable material. FORECO project aims to conceive, investigate, analyse and demonstrate a comprehensive and ready to put in place system for the exploitation of forest residues and wood industry waste either as a source of energy or as a recyclable material, complying with/aiming to fulfil the sustainability objectives of the Green Economy. This Greek national project involves a network of collaborating partners (University, Research Institution, Environmental Technology Company, Wood and Cement Industries, Wood Product Manufacturers, Resin & Wood Panel Technology Provider, Local Municipality). An international consulting and engineering company, working across the energy and industrial forestry sectors, is involved as subcontractor too. Particular emphasis is placed on dissemination activities, networking with local communities, forest associations, forest owners, wood manufacturers and other interested stakeholders.

The project is co-funded by the National Strategic Reference Framework (NSRF) Programme, the European Regional Development Fund and the participating enterprises.

In this project, CHIMAR work is focused on the development of new products resulting from recycled wood. Environmentally friendly composites will be produced from low quality wood residues stemming from forests and wood industry waste, thus replacing quality wood either partially or totally.



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