

**Contract No:** E!6544

**Title:** Green composites and 3D objects (**GreenComposites**)

**Duration:** 01/01/2012 – 31/12/2014

**Abstract:**

In the framework of this project, 3D objects, particleboards and MDF panels will be manufactured from hemp and kenaf. The adhesives to be used will be synthesized from raw materials derived from natural resources. The target is to develop totally green products suitable for various applications. Such green panels will have a variety of special properties (like thermal and acoustic impenetrability and fire retardation), either due to the inherent characteristics of hemp and kenaf or due to the addition of suitable chemicals in the resinous system.

The project is co-funded by the Greek General Secretariat for Research and Technology, the EUROSTARS Programme, the European Regional Development Fund and the 3 participating small and medium sized companies (SMEs): CHIMAR HELLAS SA (Greece), VALBOPAN SA (Portugal) and HempFlax BV (the Netherlands).

CHIMAR (Greece) acts as the project coordinator.

