

ACRONYM: **22SMEs2009**

Contract No.: EYDE-ETAK 130

Title: Polymeric nano-composites of high performance suitable for multi applications

Duration: 26/01/2011 - 25/01/2014

Abstract:

The project focuses on the study and development of new nano-composite polymeric materials of high added-value and performance. SiO₂ nanoparticles and carbon nanotubes will be prepared and properly modified to develop polymeric materials with improved mechanical strength and higher thermal, dimensional and hydrolytic stability than the conventional products of each one of the three small and medium-sized enterprises that are participating.

Two experienced R&D institutes will develop and characterise the nano-particles and nano-tubes and the participating enterprises will help in the development and application of the polymeric nano-composites.

The project is co-funded by the Greek National Competitiveness Programme and the three small and medium-sized enterprises. CHIMAR being one of the enterprises acts as the project coordinator.