LIMPID has aimed at developing materials and technologies based on the synergic combination of different types of nanoparticles into a polymer host to generate innovative nanocomposites which can be actively applied to the catalytic degradation of pollutants and bacteria, both in air or in aqueous solution.
Nanocomposite Materials for Photocatalytic Degradation of Pollutants

SEVENTH FRAMEWORK PROGRAMME THEME 4 NMP.2012.2.2-6 Photocatalytic materials for depollution (G.A. n. 310177)

TEM images of Au decorated TiO₂ nanoparticles

TEM images of hybrid blend of polymer latex with TiO₂ nanoparticles

Real technological solutions for water and air treatment and degradation of pollutants

Examples of LIMPID nanocomposites photocatalysts

Bench-scale photocatalytic reactors for organic pollutant removal in water and wastewater

Interactions among LIMPID partners

Nanomaterials for degradation of air pollutants and bacteria