

# ROAD SAFETY DEVELOPMENTS: “NEW JERSEY” PROJECT

**NEW JERSEY** is part of the **LIFE Environment and Eco-innovation** research programme initiative funded by the European Commission.



**Duration: 45 months**

**Start date: October 1, 2011**

**Total budget: €1,9 million**

**EU budget support: 44,96%**

<http://www.lifeproject-newjersey.com/>



The project, is being carried out by a consortium comprising SIGNUS, ACCIONA, ERF, CIDAUT and the Highways Department of the Regional Government of Madrid.

# “NEW JERSEY” PROJECT



- The GENERAL OBJECTIVE of “New Jersey” project is the demonstration and validation of a new generation of eco-friendly New Jersey safety barriers with materials derived from ELTs as modifier of concrete properties.
- As part of the objective is the achievement of the highest level of safety according to EU regulations for Road Safety Barriers

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## RESULTS:

- Project activities have essentially entailed adapting the results of previous projects involving rubber-modified reinforced concretes and the design, built and safety demonstration trials of the “New Jersey” barrier.
- Up to now test on energy absorption gives as results an improved impact performance.
- The development of the barrier is running successfully after the first step of crash test according to **EN 1317 – 2 : 2008**