


The opinions expressed in the studies are those of the consultant and do not necessarily represent the position of the Commission.

MOSAFIM

Motorcyclists road safety improvement through better performance of the protective equipment and first aid devices

Project details	
Domain	Accidentology
Duration	from 01/10/2012 until 30/09/2013
Website	
Other sources	 Final Technical Implementation Report

The first one is related to the improvement of road safety for motorcyclists through a better performance of their protective equipment (helmets, jackets, gloves, shoes, neck protectors, back protectors ...). As current standards do not deal with all the possible protective equipment that a motorcyclist could use, it is necessary to define which standards need to be enhanced or which protective equipment may need to be assessed under a new standard that evaluates their performance against impacts. On the other hand, MOSAFIM will contribute to update and increase the knowledge about the relationship between the dynamics of motorcyclist accidents, injuries and the type of motorcyclist protective equipment used, providing relevant data to estimate the effectiveness of these passive safety systems as regards the seriousness of injuries. Finally, MOSAFIM will give motorcyclists criteria to select the most suitable and safest equipment.

The second area will deal directly with the improvement of "Post-injuries Services" (PIS) and "Emergency medical systems" (EMS). Concerning PIS, a new methodology for dealing with injured motorcyclists on the scene will be detailed (based on providing hospital medical staff with information about the accident - pictures, phone conferences...- before injured motorcyclists arrived at Hospital). Related to EMS, this project will define recommendations (previous to standardization) about the characteristics that eCall devices should have on motorcycles, with the aim of helping to define a possible legislative approach.

Coordinator

- [CIDAUT - Centre for Automotive Research and Development](#) (ES)

Partners

- [Ludwig-Maximilians-Universität München](#) (DE)
- [Meta System S.p.a.](#) (IT)