

INNOVATION FOR RIDER SAFETY



www.pioneers-project.eu

Project Coordinator: pere.hernandez@idiada.com

Dissemination Manager: ricard.casalins@racc.es



@PIONEERS_proj

Consortium Members

Applus®
IDIADA



DAIWESE

UNIVERSITÉ DE STRASBOURG

RACC

bast



NeuRA
Chassis Engineering Centre



IFSTAR

LMU
LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

MOTOAIRBAG

REVIT!

BOSCH
Invented for life

Alpinestars

PIAGGIO GROUP



PIONEERS
INNOVATION FOR RIDER SAFETY



PROTECTIVE INNOVATIONS OF NEW EQUIPMENT FOR ENHANCED RIDER SAFETY

PIONEERS will investigate and assess the direct contribution to the reduction of fatalities and severity of injuries, as well as the number of injured Powered Two-Wheelers users by developing new personal protective equipment and on-board safety systems, improving the validation and assessment methods and increasing the usage rate of such devices.

Expected Results



Higher understanding of how to prevent injuries.



Better testing methods enabling better performance assessment.



Better products (Personal Protective Equipment and on-board systems) from European manufacturers.

Objectives



Contribute to reducing Powered Two-Wheelers fatalities up to 25% in 2025 and injuries.



Strengthen European leadership in the Powered Two-Wheelers industry.

Methodology

PIONEERS bring all those together in a community dedicated to increasing safety **putting the user (rider) at the centre**.

4 pillars to 4 critical areas

Four main pillars are built with the objective of enhancing the four most critical areas in safety:

1 | To achieve a deep understanding of the injuries sustained by the riders.

2 | To increase the performance of safety systems.

3 | To develop better test and assessment methods.

4 | To increase the awareness and the usage rate of PPE.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 769054.