

Body Performance applied to Passive Safety

Passive Safety stands as the cornerstone of our Body Performance team, boasting over 25 years of **expertise in crashworthiness, occupant protection, and pedestrian safety**. Our team possesses in-depth knowledge of homologation standards and consumer testing requirements across various global markets, including Europe, the USA, and China.



We actively engage in homologation and Euro NCAP working groups, playing a pivotal role as leaders in pioneering initiatives. Notably, we led the first Pilot Case funded by Euro NCAP, ACEA, and CLEPA, defining groundbreaking methodologies for far-side assessment validation through simulation. This underscores our commitment to driving innovation and setting industry standards.

Our collaboration extends seamlessly with the **Passive Safety laboratory**, facilitating high interaction and integration across projects. From conceptualization to series production, we excel in executing **complete vehicle, subsystem, and component** projects with precision and efficiency.

With a rich history dating back to 1997, our Occupant Protection team has undertaken projects of varying scales, from small-scale initiatives to assuming full responsibility for restraint systems integration and development.

Furthermore, our expertise extends to [Human Body Models](#) (HBM) via EU-funded projects like [SAFE-UP](#) and [OSCCAR](#), further solidifying our reputation as pioneers in vehicle development and safety technology.

At IDIADA, we are dedicated to advancing safety standards and driving innovation in vehicle performance, ensuring the utmost protection for occupants and pedestrians alike.

