

EN  
E-002618/2022  
Answer given by Mr Breton  
on behalf of the European Commission  
(28.9.2022)

The vehicle ‘General Safety Regulation’ (EU) 2019/2144 (GSR)<sup>1</sup> of the European Parliament and of the Council requires motor vehicles to be fitted with intelligent speed assistance (ISA) systems<sup>2</sup> from 6 July 2022.

According to the impact assessment<sup>3</sup> accompanying the initial Commission proposal<sup>4</sup> and its support studies<sup>5</sup>, ISA would prevent 25.7% of fatalities, prevent or mitigate 27.4% of serious injuries and prevent 19% of light injuries in the relevant traffic scenarios for cars and vans. For trucks, buses and coaches, ISA would prevent 18% of fatalities, prevent or mitigate 18.1% of serious injuries and prevent 19.9% of light injuries in the relevant traffic scenarios.

The various safety systems in the GSR were proposed by the Commission on the basis of costs and benefits analysis as reflected in the impact assessment. The cost/benefit analysis also took into account of the maturity of the available technological ISA solutions.

Finally, the ISA study<sup>6</sup>, which served as a basis for the discussion with stakeholders on the ISA implementing act<sup>7</sup>, reviewed in detail the particularities of the different technological ISA solutions and proposed tests to ensure that ISA minimises speed errors under realistic conditions whichever technology is used.

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<sup>1</sup> OJ L 325, 16.12.2019, p. 1.

<sup>2</sup> In Article 3(3) of Regulation (EU) 2019/2144, ISA is defined as ‘a system to aid the driver in maintaining the appropriate speed for the road environment by providing dedicated and appropriate feedback’.

<sup>3</sup> SWD(2018) 190 final.

<sup>4</sup> COM(2018) 286 final.

<sup>5</sup> The cost/benefit figures for ISA in the GSR’s impact assessment were taken from: ‘Effectiveness estimates for proposed amendments to the EU’s General and Pedestrian Safety Regulations’, Barrow et al., 2017:

<https://trl.co.uk/publications/effectiveness-estimates-proposed-amendments-eus-general-and-pedestrian-safety-regulations>

<sup>6</sup> General Safety Regulation – Technical study to assess and develop performance requirements and test protocols for various measures implementing the new General Safety Regulation, for accident avoidance and vehicle occupant, pedestrian and cyclist protection in case of collisions. Intelligent Speed Assistance (ISA): Second Interim Report – Detailed development of requirements and tests (TRL, June 2020):

<https://circabc.europa.eu/ui/group/288957eb-6845-47f7-a658-321842a7c2a3/library/c1e5bf16-d7a7-46d4-9991-88134cd782d8/details>

<sup>7</sup> [https://eur-lex.europa.eu/eli/reg\\_del/2021/1958/oj](https://eur-lex.europa.eu/eli/reg_del/2021/1958/oj)