

Trustworthy AI in Horizon Europe and the ethical guidelines

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Artificial Intelligence (AI) is a rapidly evolving technology inspired by human intellectual processes, such as the ability to reason, discover meanings, generalize, act flexibly, or learn from past experience. By improving prediction and optimizing operations and resource allocation, the use of artificial intelligence has already made progress in various applications and has the potential for a wide range of economic and social benefits across industries and social activities, including aviation. However, AI can also pose new risks or have negative consequences for individuals, organizations, or society. For this reason, the European Commission has recently issued a proposal for a regulatory framework aimed at defining a set of harmonized rules for the use of artificial intelligence systems in the Union and considering the ethical and legal dimensions of AI development in various application areas. It is important to deepen the understanding of the fundamental concepts of artificial intelligence (AI), with particular attention to regulations and ethical implications of AI.