

Abstract

The world of transportation tells much of the story of humanity; it reflects our needs, our technologies, and the way we live. In the past, transportation was primarily linked to survival. People moved on foot, using draft animals or traveling by water. Distances were long, and travel was slow, but every journey carried great value: trading, exploring, and meeting others. With the Industrial Revolution came the train and the steamship, which shortened distances and transformed cities, economies, and society. In the present, transportation has become fast, global, and part of everyday life. Cars, airplanes, and complex logistics networks allow people and goods to move continuously. This great freedom, however, comes at a cost: congestion, pollution, and resource consumption. Today, we are therefore in a phase of awareness, where efficiency and sustainability are key concepts. The future of transportation looks toward smarter and more responsible solutions. Electric mobility enhanced public transport, autonomous vehicles, and cities designed for pedestrians, and cyclists promise a system that is safer, more inclusive, and more environmentally friendly. It is not just about moving faster, but about moving better, placing people and the planet at the center. Transportation, yesterday as tomorrow, is not just movement, but it is a driver of change.