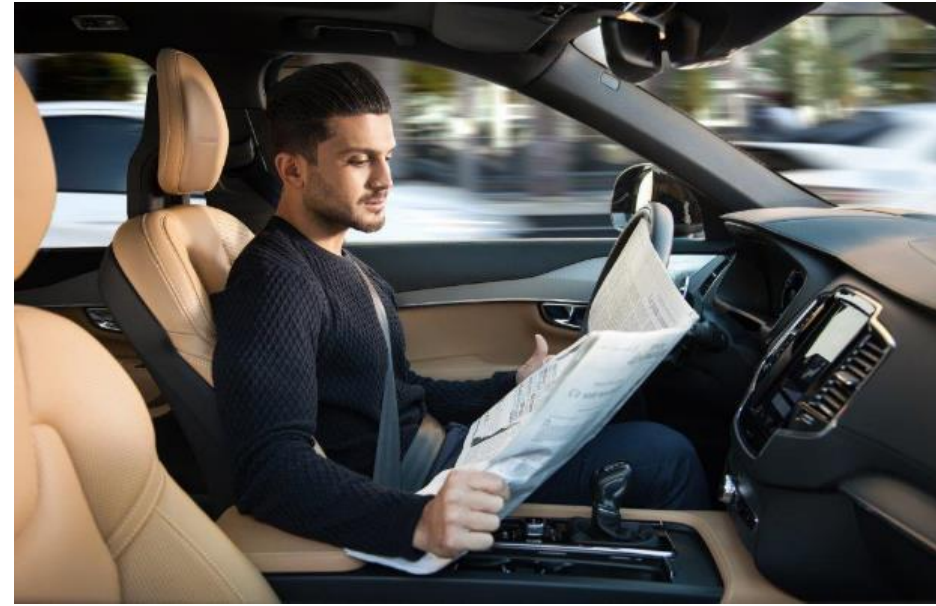


The benefits of automated transport

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5 September 2024



Top 10 benefits – automated transport

1. Increased Safety - *reduction in human error*
2. Improved Traffic Efficiency - *optimized Traffic Flow, congestion*
3. Environmental Benefits - *lower Emission*
4. Economic Efficiency - *reduced Transportation costs*
5. Enhanced Mobility - *accessibility for all, On-Demand Transportation*
6. Reduction in Road Infrastructure Costs - *smarter infrastructure use*
7. Improved Delivery Services - *cost-effective logistics*
8. Support for Urban Planning - *better use of space*
9. Emergency and Specialized Service
10. Job Creation and Innovation

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ADAS (active safety) effectiveness - estimated

- Lane Departure Warning
 - 53% head-on and single crashes on dry roads
- Forward Collision Warning
 - 20% injury crashes
- Low-speed Auto- Brake front- to-rear
 - 40% injury crashes
- High-speed Auto- Brake front- to-rear
 - 56% injury crashes
- Auto- Brake Pedestrian
 - 30% crashes
- Blind spot information
 - 23% lane change injury crashes

¹ *Sternlund 2020*, ² *Cicchino AAP 2017*, ³ *Cicchino AAP 2022*, ⁴ *Cicchino TIP 2018*



Thank you!