

The route to the autonomous car

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THE BOSTON COMPANY
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Advantages

Safety
90%

of road traffic accidents are currently caused by human error.¹

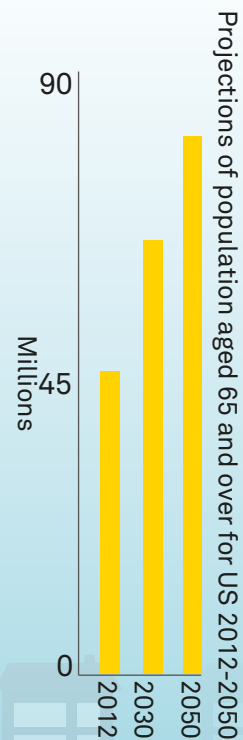
Driverless cars could translate into approximately

36,000 lives saved each year and approximately **US\$ 488 billion.**

Social

Greater mobility provided to elderly and disabled people.

People over the age of 65 expected to double in US by **2050.**²



Economic
Morgan Stanley estimates Autonomous cars will result in **US\$ 1.3 trillion** savings every year for the US economy, globally this translates into **US\$ 5.6 trillion.**³

Economic benefits for drivers

- Fuel costs
- Productivity gains
- Accident costs

Potential obstacles

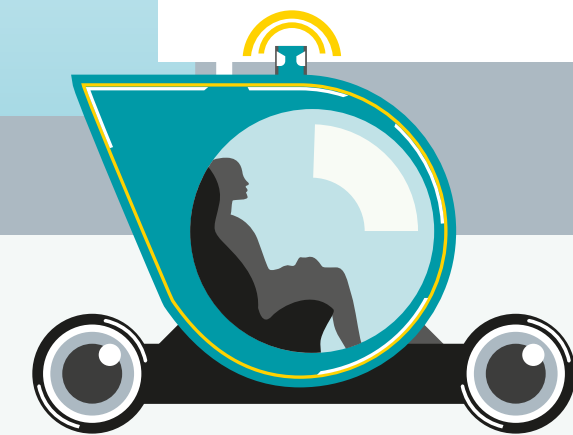
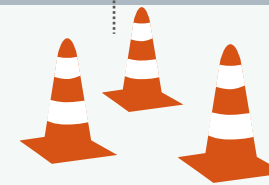
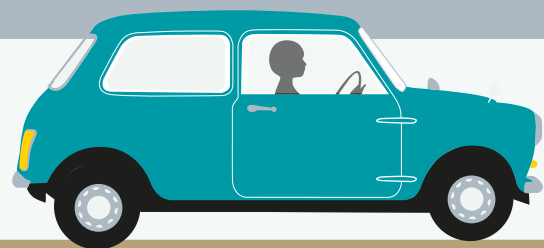
Liability
Who accepts responsibility in the case of an accident?

Legislation
US infrastructure deficiencies mean that **US\$ 10.8 billion** had to be found to keep the Highway Trust Fund solvent until May 2015.⁴

Consumer adoption

Once people accept and trust the systems, adoption rates are expected to climb.

Welcome to the autonomous car



2030

1 Source: Smith, Bryant Walker. "Human error as a cause of vehicle crashes", Center for Internet and Society. 18 December 2013. <http://cyberlaw.stanford.edu/blog/2013/12/human-error-cause-vehicle-crashes>. Link accessed: 21 January 2015.

2 Source: Ortman, Jennifer M. et. al. An Aging Nation: The Older Population in the United States. United States Census Bureau. May 2014.

3 Source: Shanker, Ravi, et. al. Autonomous Cars: Self-Driving the New Auto Industry Paradigm. Morgan Stanley Blue Paper. Morgan Stanley & Co. LLC. 6 November 2013.

4 Source: "House Approves Highway Trust Fund patch," CBS News, July 15, 2014. <http://www.cbsnews.com/news/house-approves-highway-trust-fund-patch/>.

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