



One in 10 autonomous cars by 2030

Currently

25 %

of the population prefer to ride in an autonomous car rather than a classic car

By 2030

64 %

of the population will prefer to ride an autonomous car rather than a classic car

5 Levels of autonomous driving (SAE international)

The driving system monitor the driving environment for the user

Level 5

Full automation

Level 4

High automation

Level 3

Conditioned Automation

The driver still monitors his driving environment

Level 2

Partial automation

Level 1

Driver assistance

Level 0

No automation

Autonomous vehicles have the potential to revolutionize the transport industry

90 %

fewer traffic-related deaths

64 %

reduction in harmful emissions

With **5%** of autonomous vehicles on the road :

40 %

reduction in fuel consumption

99 %

reduction in braking time

50 % of the population expects to save time.

~50 min

freed up per day

~6,5 h

freed up per week

However, the population will not adopt this new solution easily

Feeling of the population towards the autonomous car

48 %

are afraid

46 %

are anxious

Key barriers that could prevent consumers from adopting autonomous vehicles

71 %

consider the fact that **autonomous vehicles** can get **confused** by unexpected situations

73 %

consider autonomous vehicles **unsecured** against hackers

56 %

consider difficult interacting with **human-driven vehicles**

Feeling towards the autonomous car

		-36y old	36-55y old	+55y old	USA	EU	China
Positive feeling	Rural areas	36 %	35 %	33 %	35 %	36 %	53 %
	Rural areas	40 %	40 %	35 %			
	Urban/Suburban	46 %	44 %	35 %			
Negative feeling	Rurale	32 %	35 %	37 %	33 %	31 %	12 %
	Small town	28 %	28 %	33 %			
	Urban/Suburban	20 %	23 %	33 %			

A promising future for autonomous vehicles

Since 2010 :

\$29,9 Bn

invested in Autonomous Vehicles and Advanced Driver Assistance Systems (ADAS)

\$13,5 Bn

invested in software and mapping for autonomous vehicles

By 2035

25 %

of all cars sold are expected to be autonomous vehicles

\$1,6k Bn

total revenues are expected to be generated from these vehicles annually

China will be one of the world's largest market in 2040

40 %

of new vehicle sales will be autonomous vehicles in China

66 %

of passenger-kilometers* traveled in China will be in autonomous cars

*a passenger-kilometer is a measurement unit describing the passenger carrying performance of some means of transport such as a passenger car

Infographic made by **LYKO**, Mobility as a Service (MaaS) expert, offering powerful tools to connect to an marketplace of mobility service distribution systems, around the world.

Sources :

Deloitte, European Data Portal, Commission européenne, Automobile Club Association, Transport.data.gov, McKinse