



Autonomous Timing

Expectations Verses Reality

Roger Looney
September 1st 2016

Public Outlook



Delphi and MobilEye to provide off-the-shelf self-driving system by 2019

Both companies have announced that they will bring a fully self-driving (SAE level 4) system on the market for use in a variety of cars in 2019.

Source: [TheVerge](#), 2016-08-23

Ford CEO announces fully autonomous vehicles for mobility services by 2021

Mark Fields, Ford's CEO announced that the company plans to offer fully self-driving vehicles by 2021. The vehicles, which will come without steering wheel and pedals, will be targeted to fleets which provide autonomous mobility services. Fields expects that it will take several years longer until Ford will sell autonomous vehicles to the public.

Source: [Reuters](#), 2016-08-16

Volkswagen expects first self driving cars on the market by 2019

Johann Jungwirth, Volkswagen's appointed head of Digitalization Strategy, expects the first self-driving cars to appear on the market by 2019. He did not claim that these would be Volkswagen models.

Source: [Focus](#), 2016-04-23

GM: Autonomous cars could be deployed by 2020 or sooner

General Motor's head of foresight and trends Richard Holman said at a conference in Detroit that most industry participants now think that self-driving cars will be on the road by 2020 or sooner.

Source: [Wall Street Journal](#), 2016-05-10

BMW to launch autonomous iNext in 2021

At their annual shareholder meeting, BMW CEO Harald Krueger said that BMW will launch a self-driving electric vehicle, the BMW iNext, in 2021.

Source: [Elektrek](#), 2016-05-12

Ford's head of product development: autonomous vehicle on the market by 2020

Raj Nair, Ford's head of product development, expects that autonomous vehicles of [SAE level 4](#) (which means that the car needs no driver but may not be capable of driving everywhere) will hit the market by 2020. (Source: [autonews](#), 2016-02-27)

Baidu's Chief Scientist expects large number of self-driving cars on the road by 2019

In an interview session, Andrew Ng, the chief scientist of the Chinese search engine [Baidu](#) expects that a large number self-driving self-driving cars will be on the road within three years, and that mass-production will be in full swing by 2021.

(Source: [Quora](#), 2016-01-29)

First autonomous Toyota to be available in 2020

Toyota is starting to overcome its long-standing reluctance with respect to autonomous driving: It plans to bring the first models capable of autonomous highway driving to the market by 2020.

(Source: [Wired.com](#), 2015-10-08)

Elon Musk now expects first fully autonomous Tesla by 2018, approved by 2021

In an interview by Danish newspaper [Borsen](#), Tesla's founder Elon Musk accelerates his timeline for the introduction of fully autonomous Teslas by 2 years (!) compared to his estimate less than a year ago (October 2014). He now expects fully autonomous Teslas to be ready by 2018 but notes that regulatory approval may take 1 to 3 more years thereafter.

(Source: Borsen Interview on [youtube](#), timeline: 8:06-8:29, recorded on 2015-9-23)

Driverless cars will be in use all over the world by 2025

US Secretary of Transportation stated at the 2015 Frankfurt Auto show that he expects driverless cars to be in use all over the world within the next 10 years.

(Source: [Frankfurter Allgemeine Zeitung](#), 2015-09-19)

Are there "Winners"?



www.cbinsights.

So it's 2020, Are They Electric??





