Self-driving cars have been gaining a lot of attention, not coincidentally given their many advantages: time efficiency, less congestion, ability of disabled, youngsters and elderly to fully participate in traffic, ...

But when will the major breakthrough of self-driving cars happen in Europe? Will we be able to use self-driving cars in the (near) future?

It seems as if the belief in self-driving cars is even declining, partly due to accidents and their media coverage. Are people even ready to hand over the control over the vehicle and their safety to computers?

There are also some legal challenges. Traffic regulations, for example, may need to be revised with rules tailored to computers and provisions that determine how human drivers should interact with those computers.

With computers in charge, traffic can become safer, but traffic accidents will not suddenly stop from happening. Who is liable for the damage caused? This question becomes more important as the autonomy of vehicles increases and the control of humans over the vehicle decreases.