



Autonomous functions for increased traffic safety

Pär Degerman

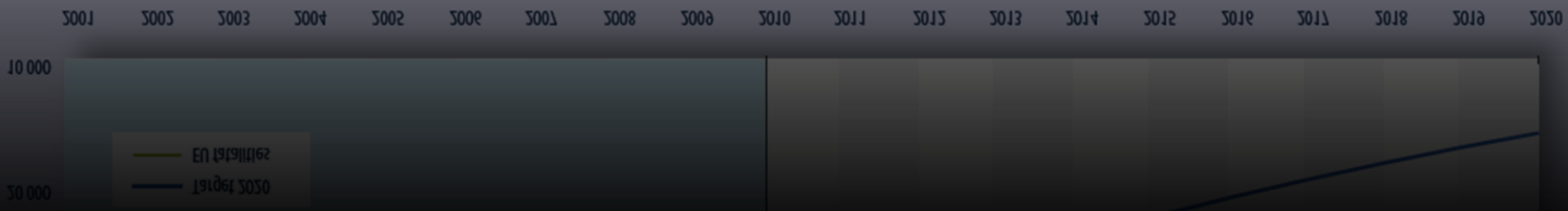
Senior Engineer, Scania CV AB

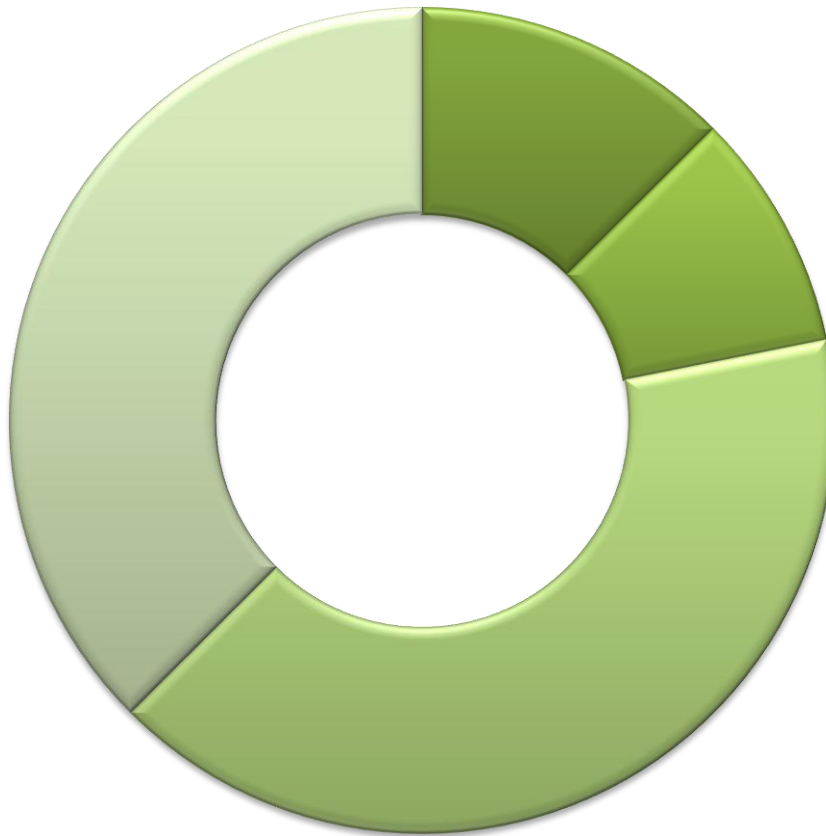




Source: - CARE (EU road accidents database)

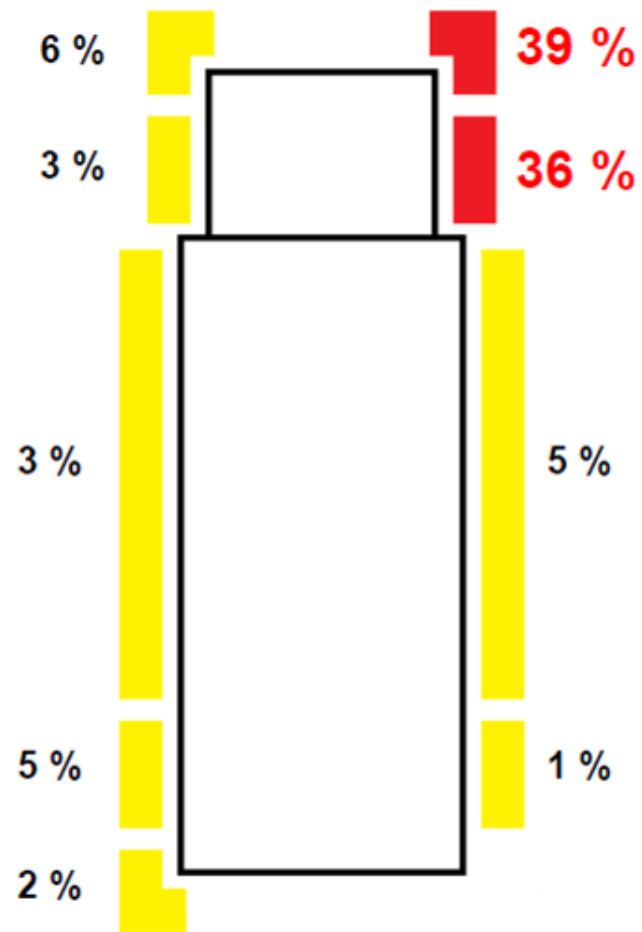
Source: - CARE (EU road accidents database)





- Lane Departure
- Rear End Collision
- Frontal Collision with passenger vehicle
- Vulnerable Road Users

Digested information from several sources of fatalities with heavy vehicles within the EU



Source; GIDAS

n = 90

n = 30











Utmaningar



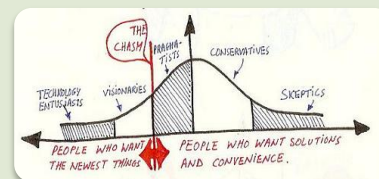
Laws
&
regulations



Liability



Technology

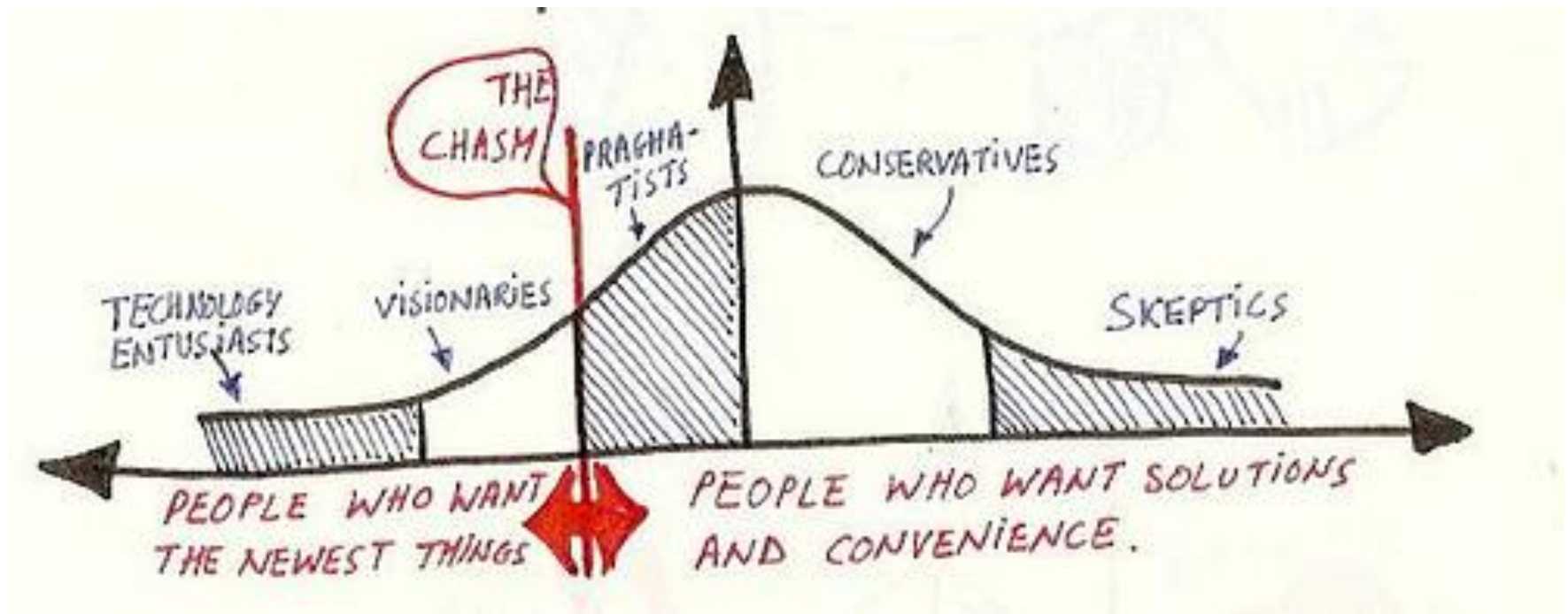


Acceptance





Social acceptans



Social acceptans

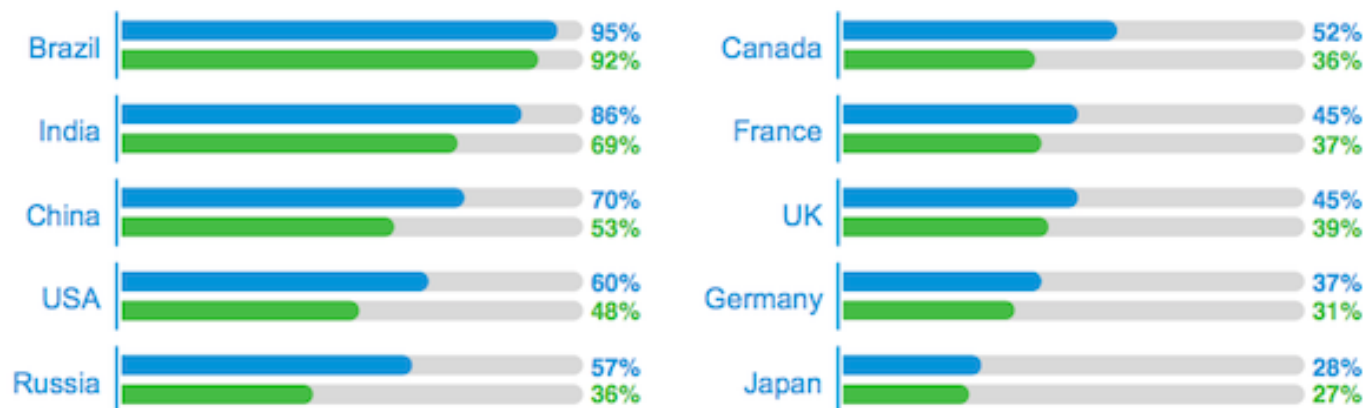
Consumers Desire More Automated Automobiles

Consumers Trust Driverless Cars



57% of consumers, globally, trust driverless cars—even more so in emerging markets

★ **Would Ride Driverless**
Would Let Kids Ride Driverless



Source: Cisco Systems, 2013



Recent quotes from around the world

I'd be quite surprised if it hadn't happened by then

Dan Anman, GM President, about the **technological ability** to create an autonomous car by 2020

Self driving cars are coming.

But the technology will arrive before society figures out how to make it work. There's a whole element that needs to be worked out.

Bill Ford, Ford executive chairman

...the bottom line

- Automation is coming
...sooner than we might think
- Heavy vehicles might be preluding passenger cars





SCANIA