

## **What a driverless world could look like**

### **Ted Talk by Wanis Kabbaj**

Our body is incredibly fascinating. One of the huge number of things that make it amazing is all the systems that appeared in it and work in it with complete harmony. On the other hand, our world has a lot of systems too, and it is impressive how we can compare both, the world and our body. We can learn a lot about our body, and by using the knowledge we obtain from it we can solve a lot of problems we have now, or avoid many problems in the future of the world we are building.

Everything inside our body is in constantly movement, blood flows continuously, carrying a lot of proteins, gases and nutrients. All of them move in the same system, without have problems to arrive to their destination, sharing space but having just one objective. It is exactly one of the things we can learn about our body and we can apply to our world. Every day we have to deal with traffic jams, everyone wants to move but no one wants to share their space. What if we take advantage of all the space we have such as our blood does? Firstly, we have our transport networks in two dimensions even when we have tunnels and bridges, by the contrary, our veins and arteries create a perfect 3D model of networks that use all the space about us. Secondly, in almost all the traffic jams, most of the cars are occupied just by one person when they have capacity for five or more, again the space is being lost.

So, if we want to improve our transportation, we need to learn how to share and handle the space we have, like blood does. We should start thinking that those fictional ideas about cars that fly aren't far, we should start thinking about cars that are driven by an automatic system, connected to a big network of information with many cars and moving on the road faster because they apply an algorithm that make all cars moving without stop. What about if public transport had a system that is massive but individual at the same time. Like small driverless cars that connect each other in the road so you can move from want to the other depending on the way you need to take. All these ideas have two things in common, they share space and moving faster.

### **Opinion**

Thinking about future is inspiring, you dream about things that now doesn't exist and can solve many problems. Sometimes we think they're so far while they are being built now. About future of transport, I think we don't need to think that far, at least not for now and not if we want faster solutions to current problems. Something that I want to take from the talk is the fact that we misuse the space. We can see a lot of cars in a traffic jam just with one person in it, while we could have a free road occupied by less cars but full. It is something that really affects mobility in cities and is difficult to stop because people is not conscious about it or because they don't like to use public transport. I think that by changing it, we can improve a lot movement in our cities. We can gain more space to enjoy cycling and walking, with cleaner and being happier because driving stress will disappear.

### **New Words**

Commute	Clogged	Straddle	Mesmerizing
Tear	Leverage	Detach	