

Future of Transportation

WSP Transportation Conference

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I have been interviewed on various futuristic transportation concepts

What is the most important transport innovation in the medium and long term?

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What is the most important transport innovation in the medium and long term?

- the Hyperloop?
- automated vehicles?
- electric vehicles?
- connected vehicles?
- flying cars?
- tunnels?
- artificial intelligence? deep learning?

I have been interviewed on various futuristic transportation concepts

What is the most important transport innovation in the medium and long term?

- automated vehicles?
- electric vehicles?

- artificial intelligence? deep learning?

Is the future connected?

Is the future connected?

Yes, it **already** is



Is the future automated?

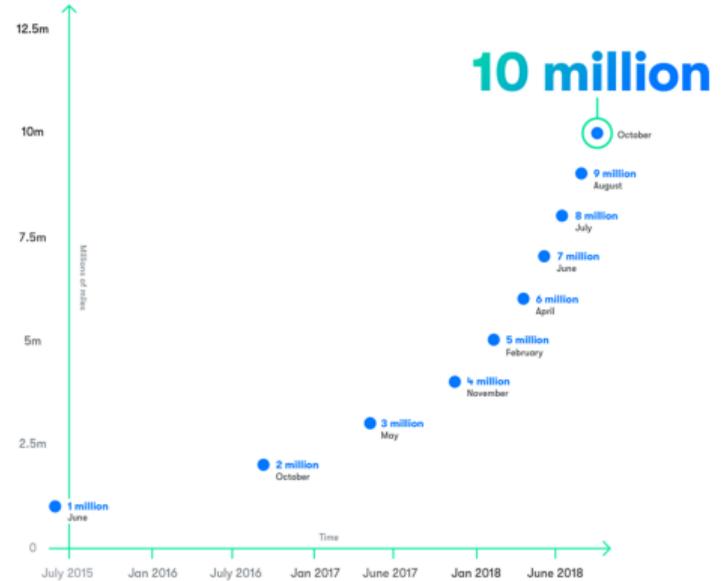
Is the future automated?

Yes, it is **already (partially) automated**



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10 million miles and counting

Is the future automated?

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Alan Ohnsman @alanohnsman · Oct 7
Autonomous Waymo minivan spotted in the wilds of metro Phoenix without a safety driver 🤖 🚗 📺 📺 youtu.be/pzY6vQU-yIM via @YouTube

 First Waymo vehicle I've seen without a safety driv...
I was strolling through my neighborhood last night in Tempe when I came upon this Waymo van, with ...
youtu.be/pzY6vQU-yIM

6 15 56

Liza Dixon @lizadixon · Oct 8
cc @Waymo, is this vehicle supervised remotely? **

1 4

Waymo @Waymo
Replying to @lizadixon

We're glad you asked. Each of our fully driverless vehicles drives on its own and without the aid of our team via remote control support. As we ramp up our driverless offerings, we're doing so responsibly with every step we take.

10:07 AM · Oct 9, 2019 · [Sprinklr](#)

Is the future electric?

Is the future electric?

Yes, it **already** is



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Micromobility, The First Year, Horace Dediu

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A study shows that

- riding both types of bikes “placed the vast majority of participants in the vigorous-intensity heart rate zone”
- “the vast majority of the test subjects said they didn’t feel like they got a workout while riding an e-bike”

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A study shows that

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- “the vast majority of the test subjects said they didn’t feel like they got a workout while riding an e-bike”

“Exercise that doesn’t really feel like exercise seems like a pretty major breakthrough”

Now put this all together

And we have

- **shared**, **light**, electric vehicles that enables **active** transport
- electric, automated, on-demand **public transit** vehicles
- **safe** road transport that enables **more active** transport
- much less need for parking space, but we need to **manage curb access**