



Building the Autonomous Mobility Ecosystem Vehicles are just a part of the equation!

Gonzalo Alcaraz – IRF Deputy Director General



International Road Federation
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Federación Internacional de Carreteras

www.irfnet.ch



AUTONOMOUS MOBILITY ECOSYSTEM

The future of mobility ISN'T about the autonomous vehicles themselves, but in what they can offer when fully integrated with the whole mobility ecosystem.

Technology Suppliers

Data Providers

Service Providers

Vehicle Manufacturers

Road Infrastructure

Transportation Software Companies

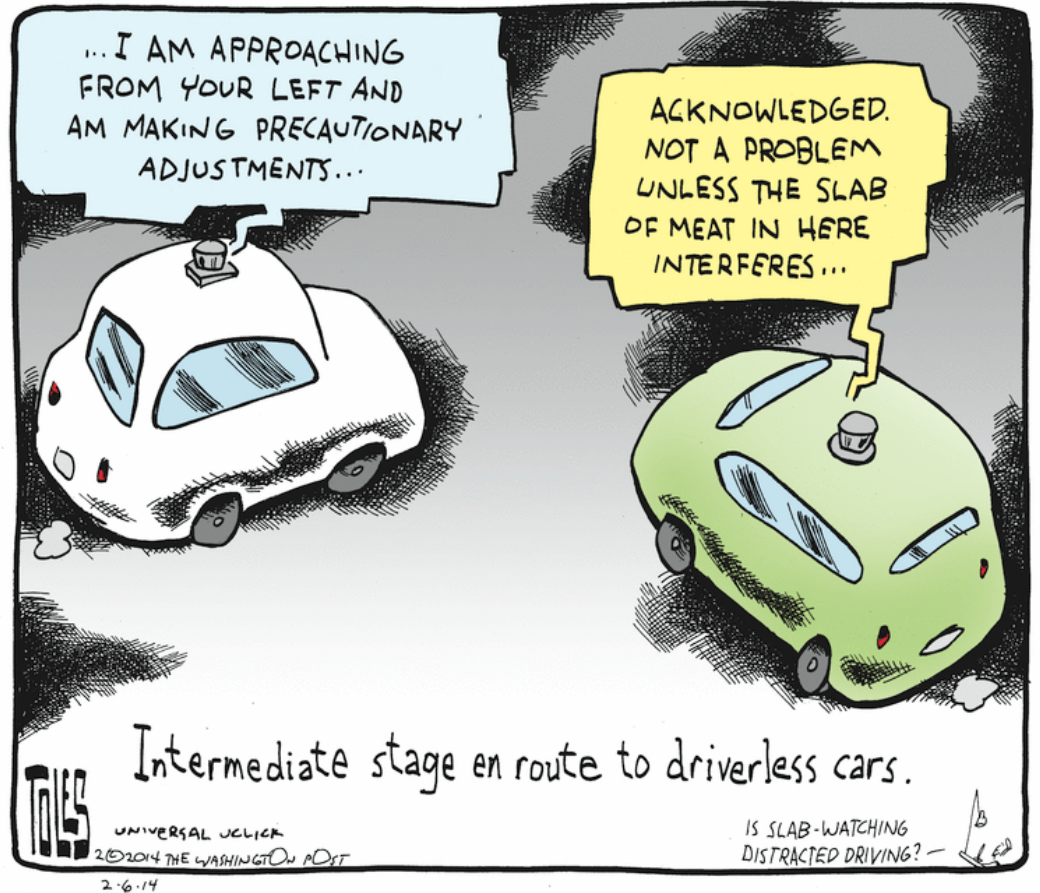
Users



WHERE WE ARE?



<http://amtil.com.au/benching-your-business-health-and-safety/>



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CHALLENGES

LEVEL 5 OPINIONS

- Musk estimated that by the middle of 2020, Tesla's autonomous system will have improved to the point where drivers will not have to pay attention to the road.

- "We will have more than one million robotaxis on the road," Musk said. "A year from now, we'll have over a million cars with full self-driving, software... everything."
- These cars will be Level 5 autonomy with no geofence, which is a fancy way of saying they will be capable of driving themselves anywhere on the planet, under all possible conditions, with no limitations. There are no cars on the road today that are Level 5.

Waymo CEO: Autonomous cars won't ever be able to drive in all conditions

And it will be decades before self-driving cars are all over the roads, John Krafcik says.

BY SHARA TIBKEN | NOVEMBER 13, 2018 9:25 AM PST





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Connected and Autonomous Mobility Manifesto

March 2021

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Legal /
Policy



Future
workforce



Technology



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ONLINE TRAINING

Planning for Autonomous Mobility

START DATE: 11 OCT 2022

 www.irfnet.ch

FACTUAL



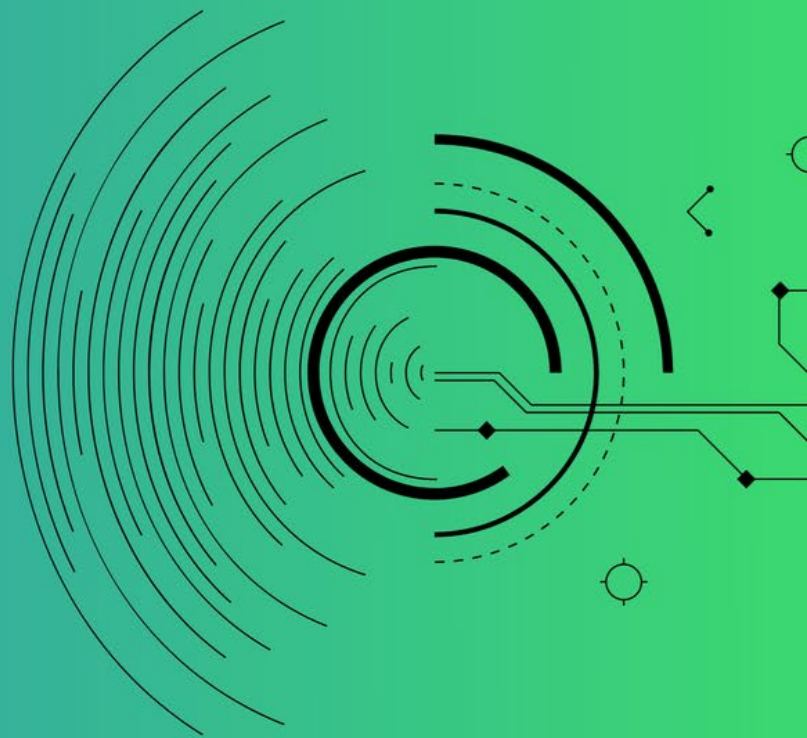
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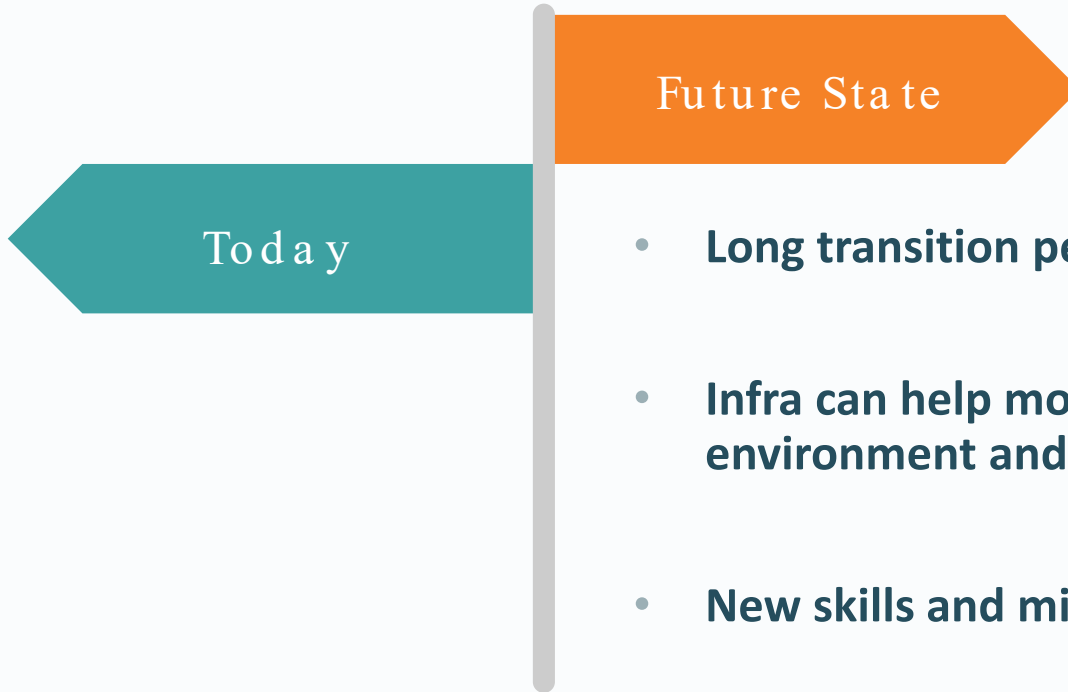
Urban Mobility



Co-funded by the
European Union



THE FUTURE AHEAD



- **Long transition period of mixed-traffic**
- **Infra can help move faster, provide safe environment and efficient operations**
- **New skills and mindsets are key to progress**



Thanks for joining me today!



**Building the Autonomous
Mobility Ecosystem**

**Vehicles are just a part of
the equation!**

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