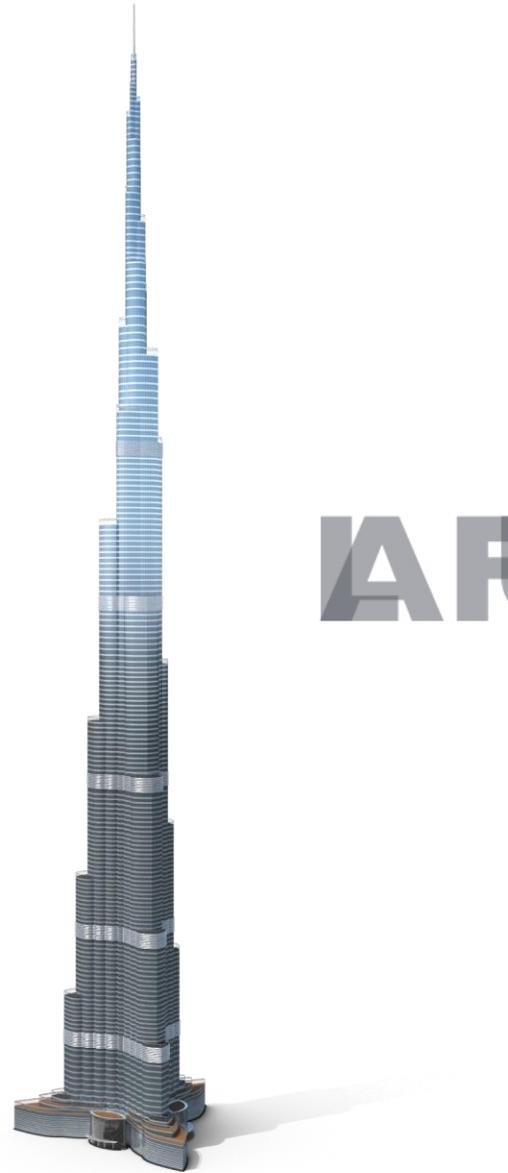


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The Future of Transport

By Niclas Braun, CEO CARGODRONE

Three problems caused by our transport system

Number one: health



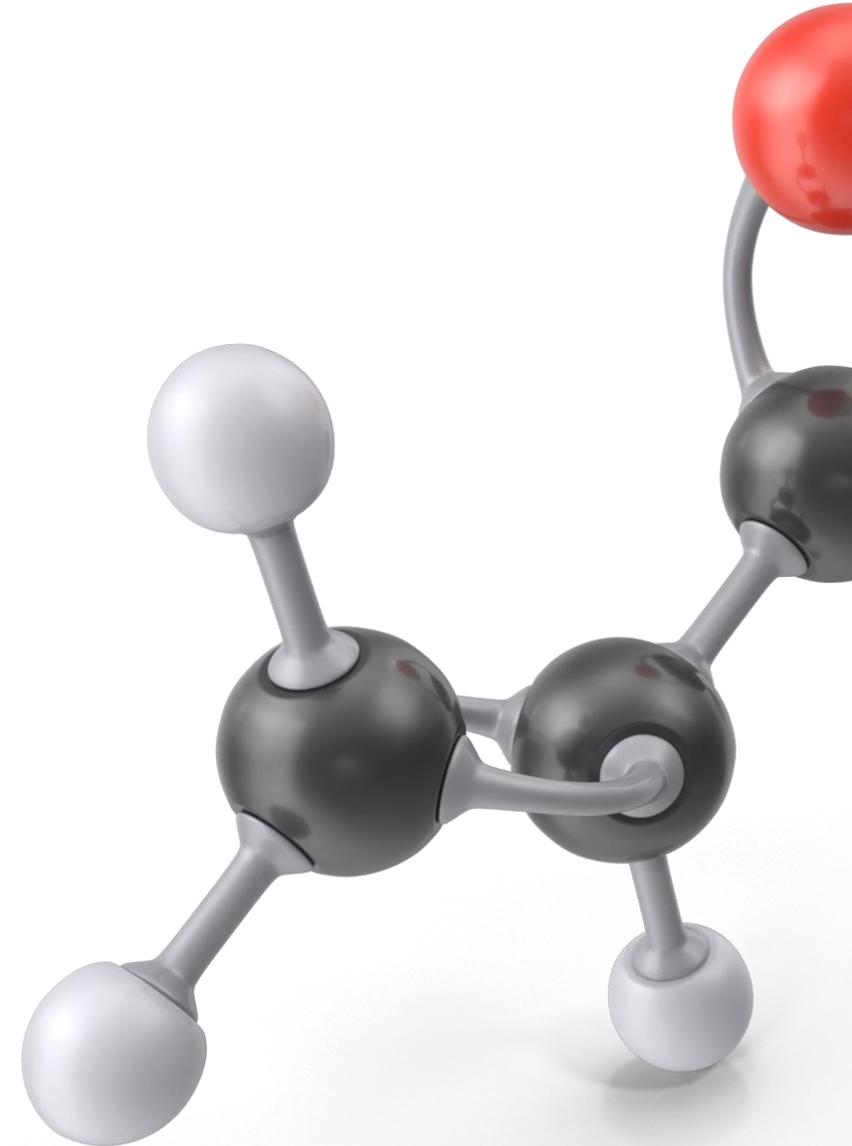
7.700.000 people died last year from microscopic particles



Mainly emitted by transport and industrial activity



Such as sulfur dioxide and toxic metals



Number two: money



We need \$94 trillion spent on infrastructure by 2040

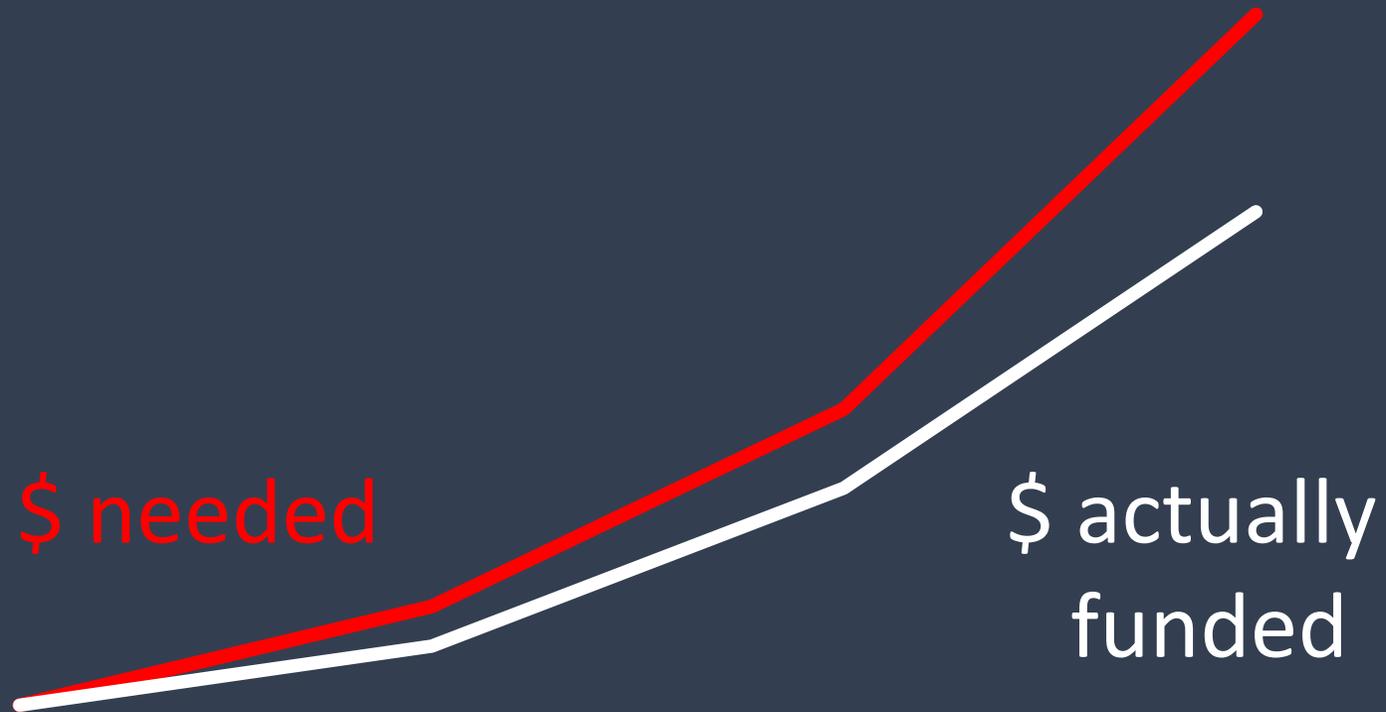
With the risk of 25%
being unfunded



Spending is cut at an average of 11% per year



This curve predicts exponential growth in traffic



Number three: time

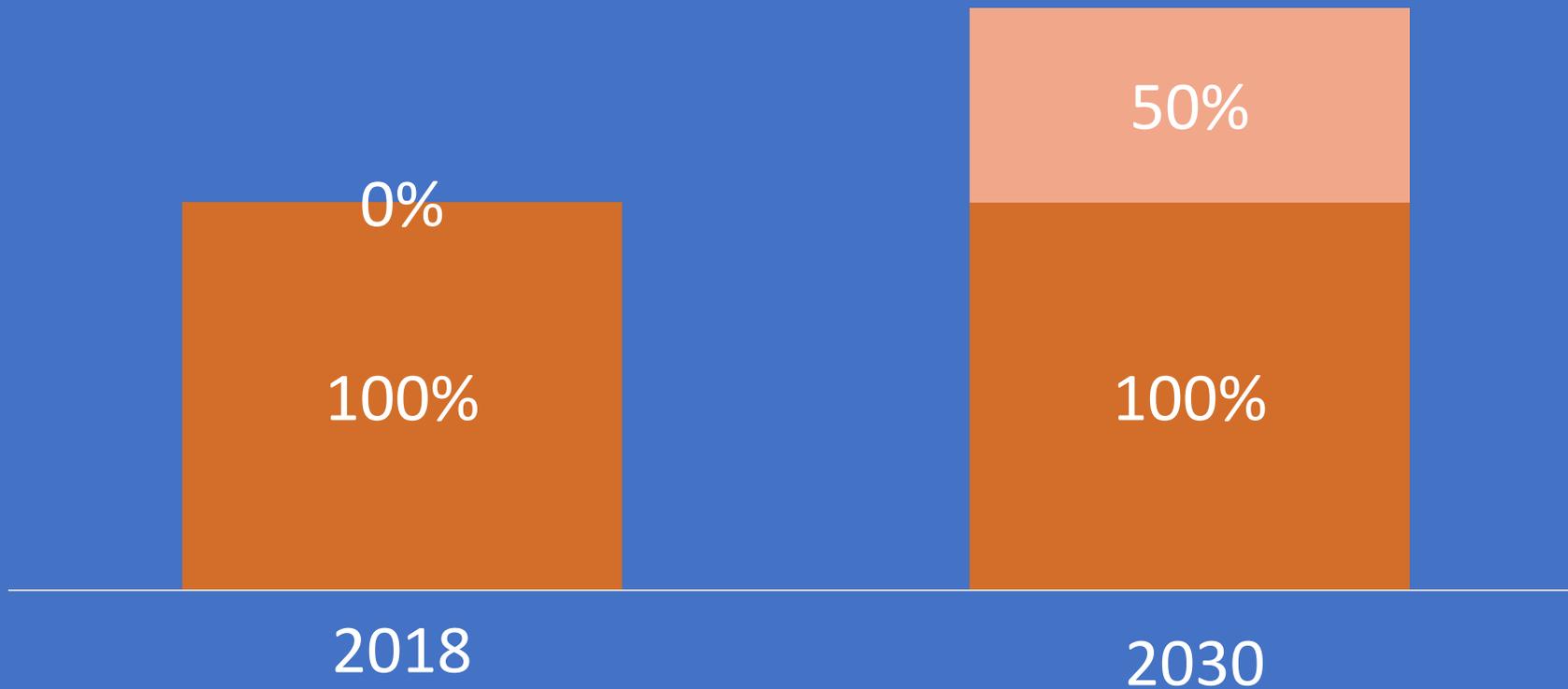


The most valuable asset we will ever have

And we loose an average of 42 hours every year
through traffic

If we look at this for 80 years, each person loses almost half a year

By 2030 alone, the volume of traffic could rise by 50%.



Why don't we just speed up the construction of our infrastructure?

Governments often need more than 15 years for simple bureaucratic approvals.

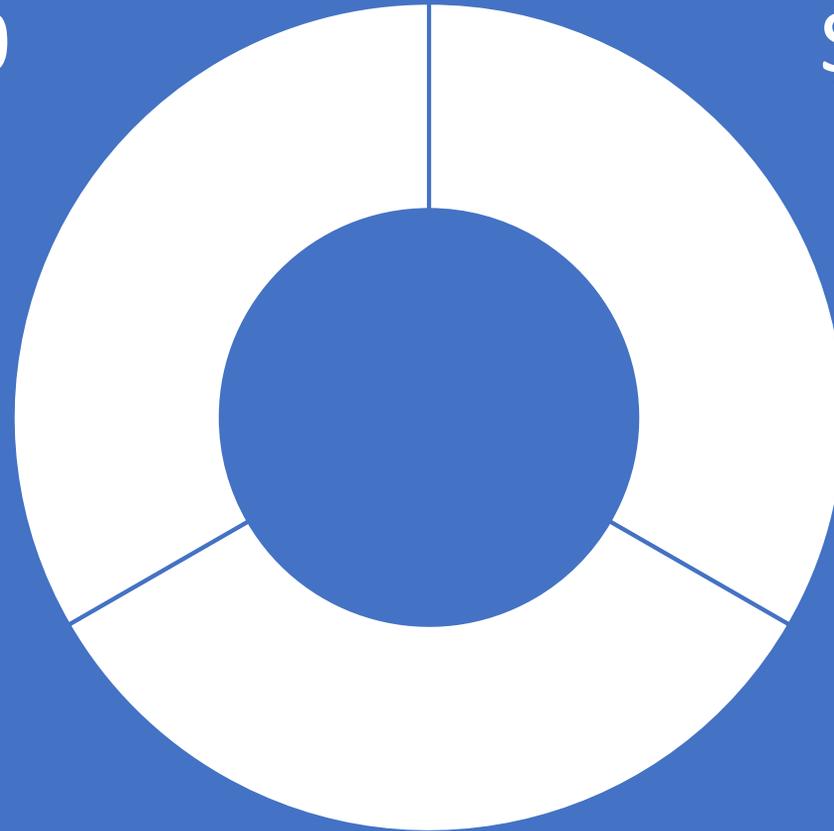
And how can we finance more in even less time?

It is really bad

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7.700.000
deaths

\$94 trillion



42 hours

But why don't we question the status quo in general?

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Because we take steps forward... but not beyond



Everyone is saying that autonomous
electric vehicles are our solution

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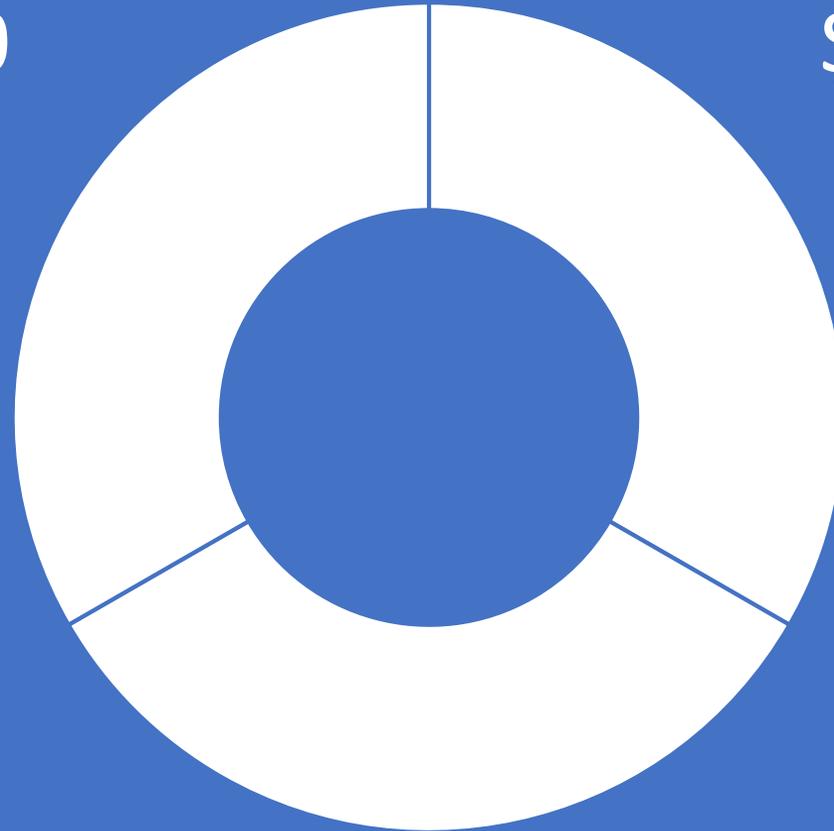
In principle, a good thing. But...



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7.700.000
deaths

\$94 trillion



42 hours

Are there any solutions yet?

HYPERLOOP: Too expensive

Rail: Wrong century

Electric cars: Intermediate solution

Boring Company: Really?



Of course, there are also great approaches here...
Autonomous vehicles could dominate metropolitan areas

Hyperloop could connect metropolitan areas on shorter routes

The Boring Company may build tunnels for Hyperloop

Rail transport: Expensive, slow and more weather-prone

None of these transport solutions will handle most of the transport volume

We shouldn't rely on expensive infrastructure in a future we can't slightly imagine.



If we did not need any infrastructure, what would we spend \$94 trillion for?

We could build a moon base



And bring people to Mars to
restore the planet



And research better energy solutions

\$94 trillion is worth around 108 times the company Apple

Let's cool down

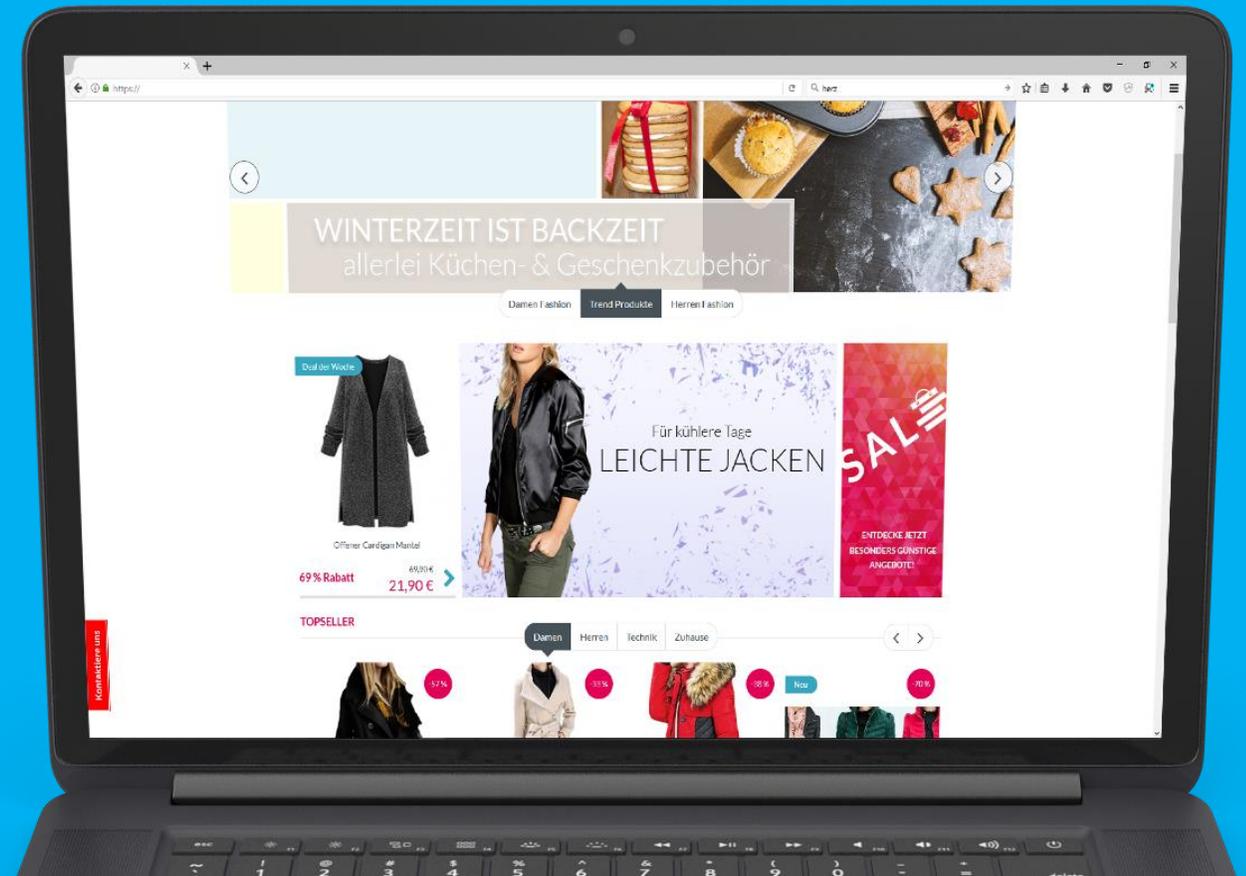
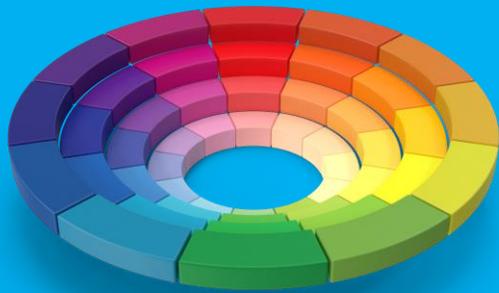


And start elaborating why we move forward so quickly

Worldwide digitalization brings the internet to everyone everywhere



It builds two key trends: E-commerce and Individualization



Thanks to these two trends, the transport sector is literally skyrocketing

But why isn't there a solution yet?

Governments, society and the right timing combined

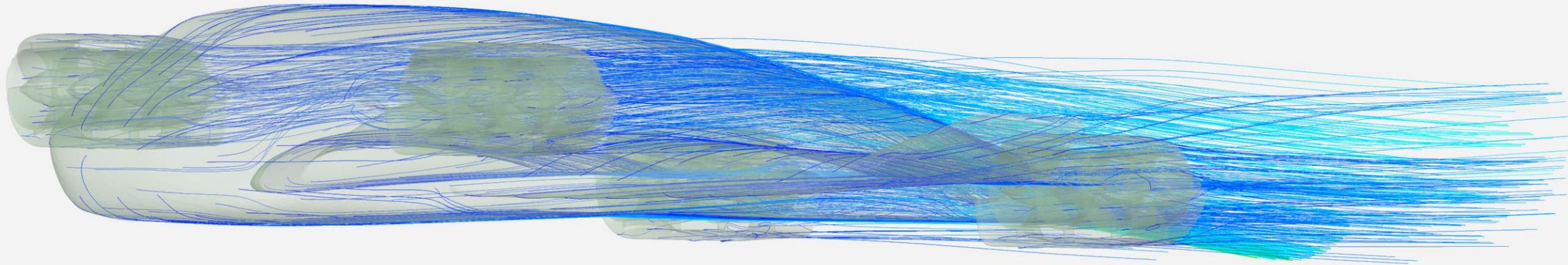
We found the solution

Imagine a world with autonomous heavy-duty drone swarms

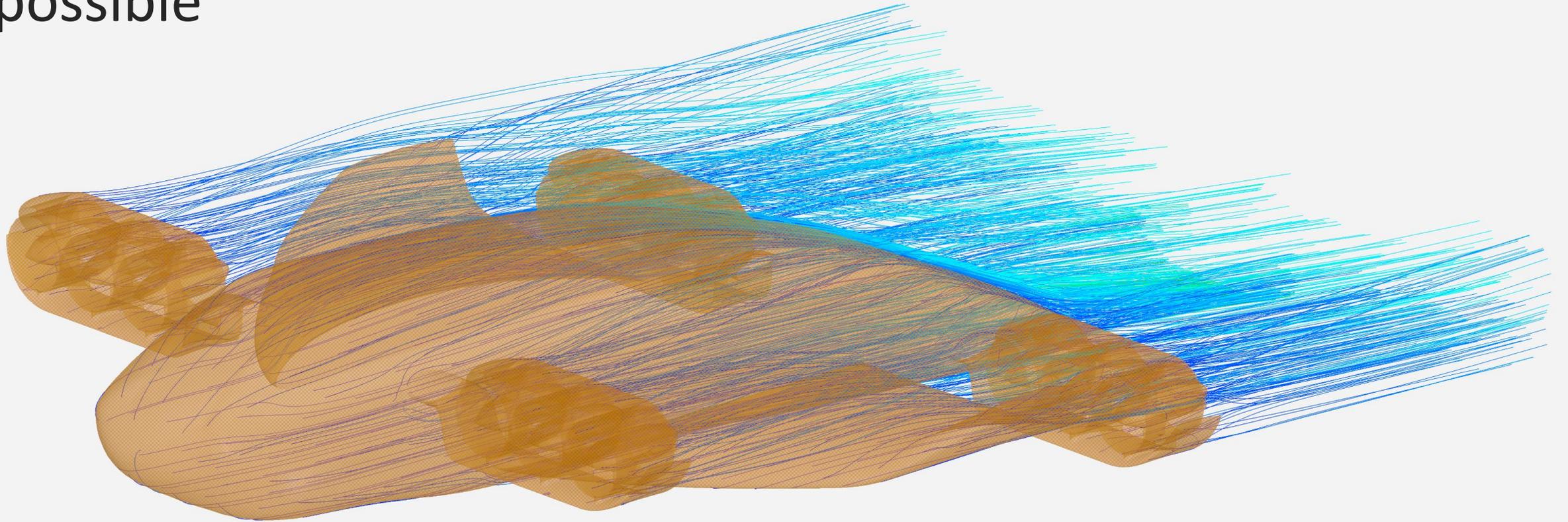


Video: www.cargodr.one

The key? Aerodynamics!



Creating enough uplift to make long-distance travel possible



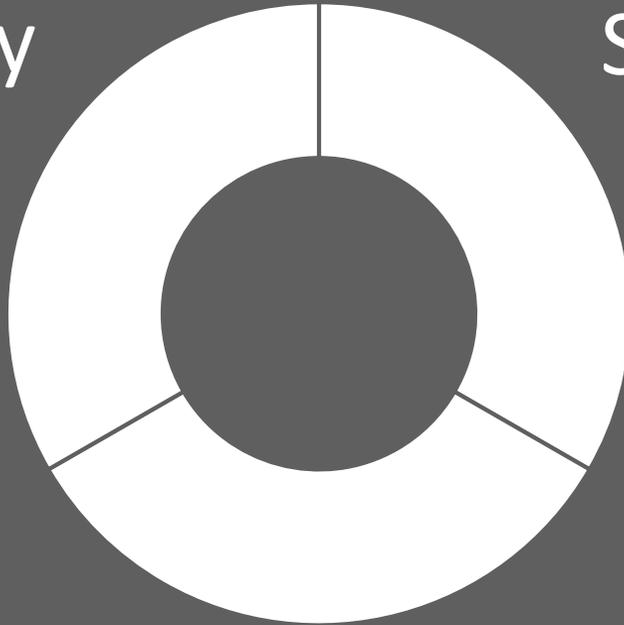
I've talked about the right
timing – is technology ready?



It depends on three main technologies

Battery technology

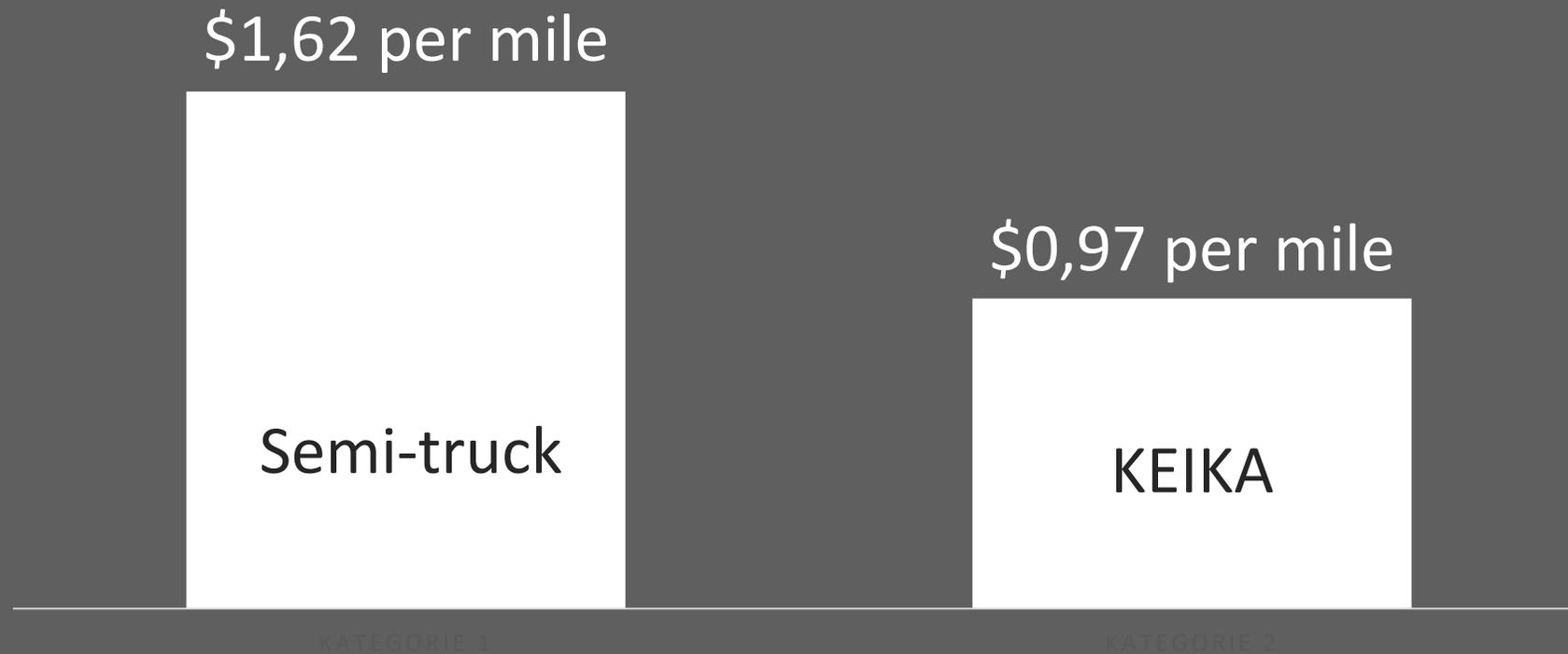
Sensor technology



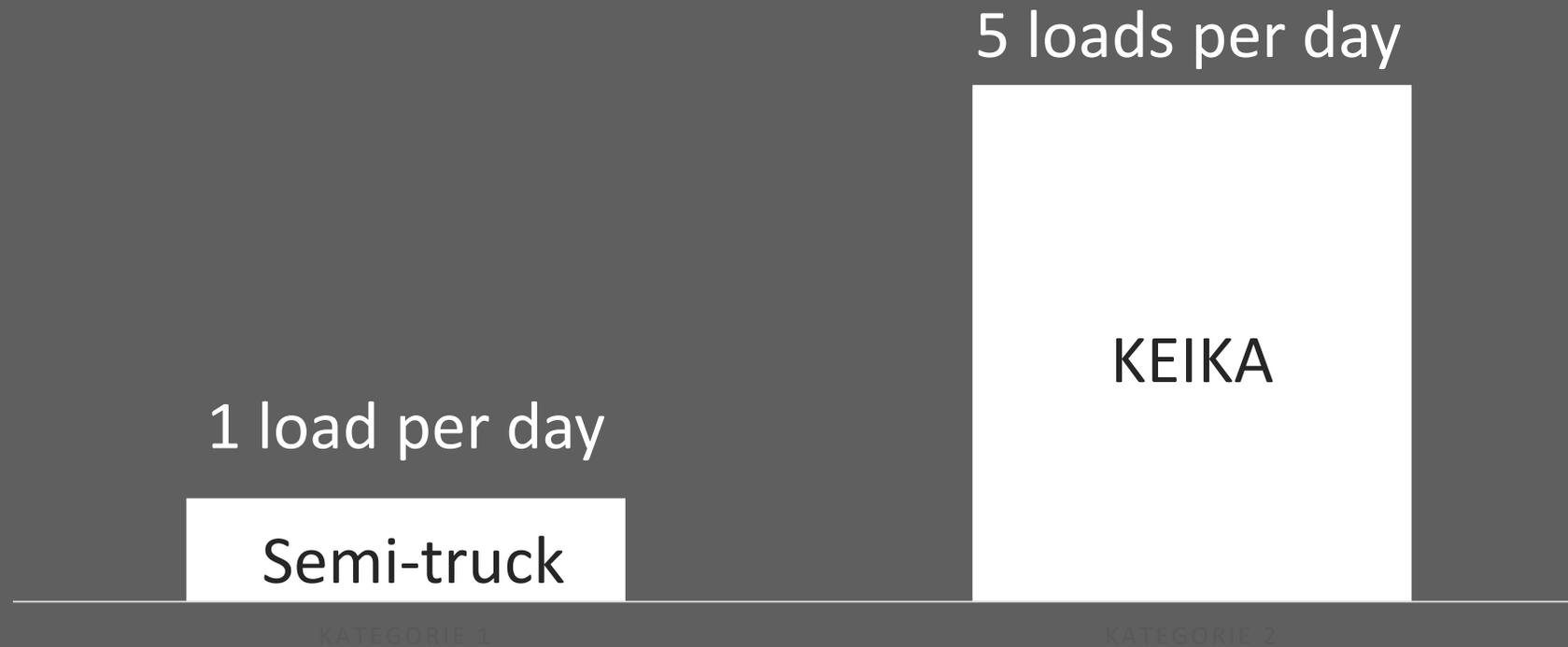
Automation through software

40 % more cost efficient and five times faster than a semi-truck

KEIKA compared to a semi-truck: cost efficiency



KEIKA compared to a semi-truck: time efficiency



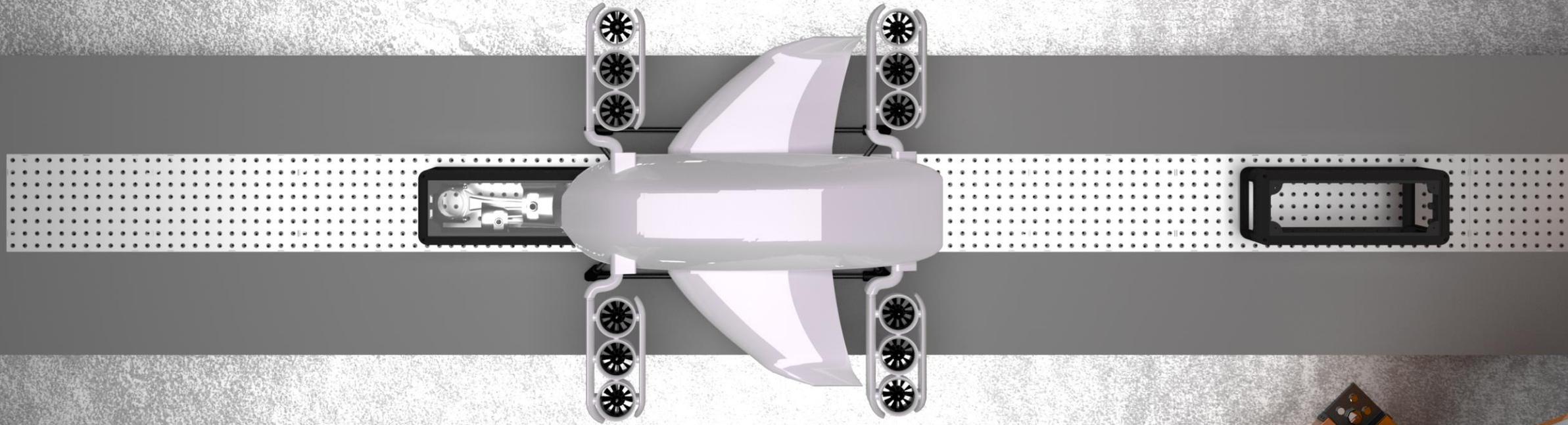
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Meet the first CDT drones

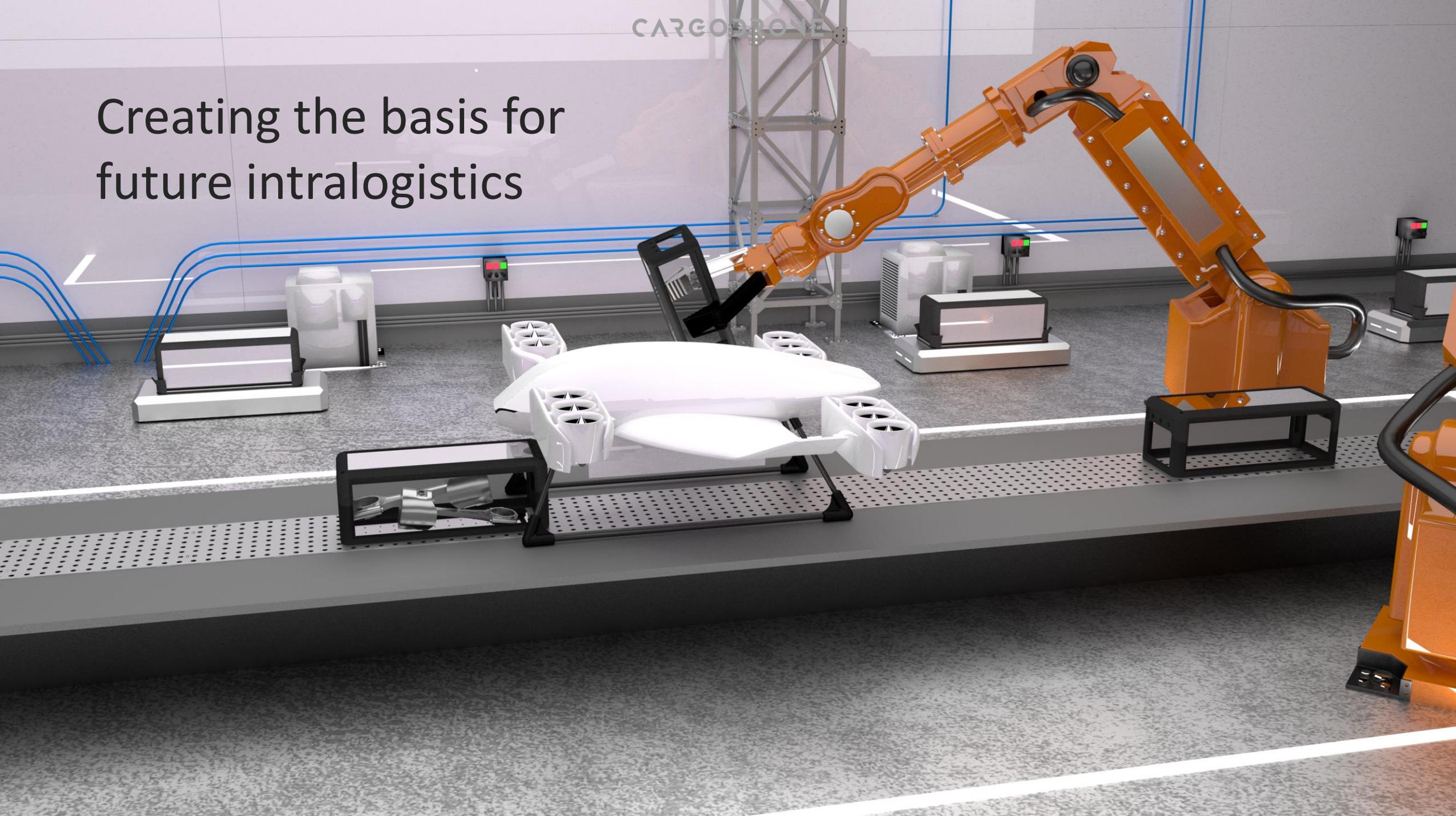




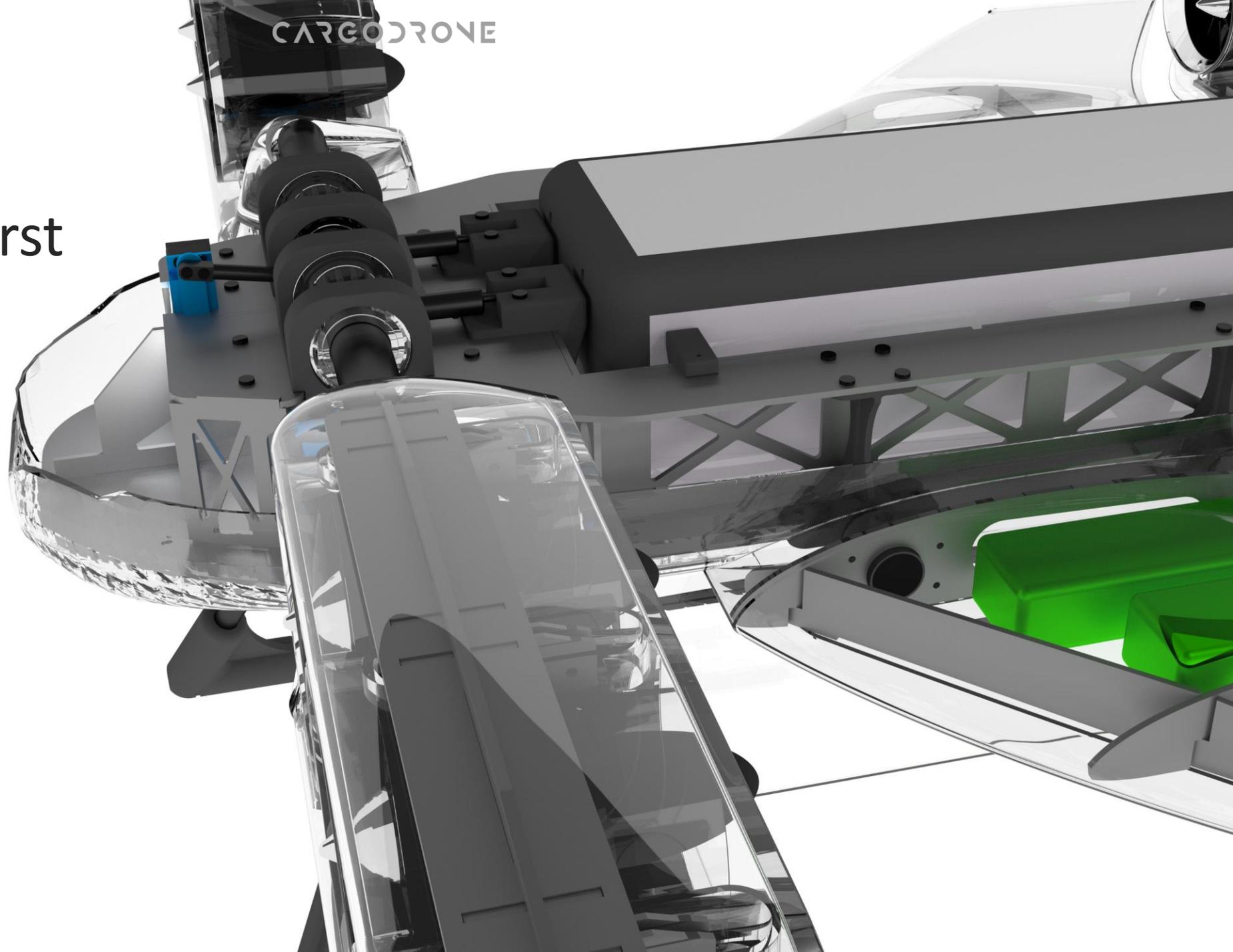
Next year, first CDT drones will be deployed in large production facilities



Creating the basis for future intralogistics



Based on our first
prototype



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Able to transport smaller goods

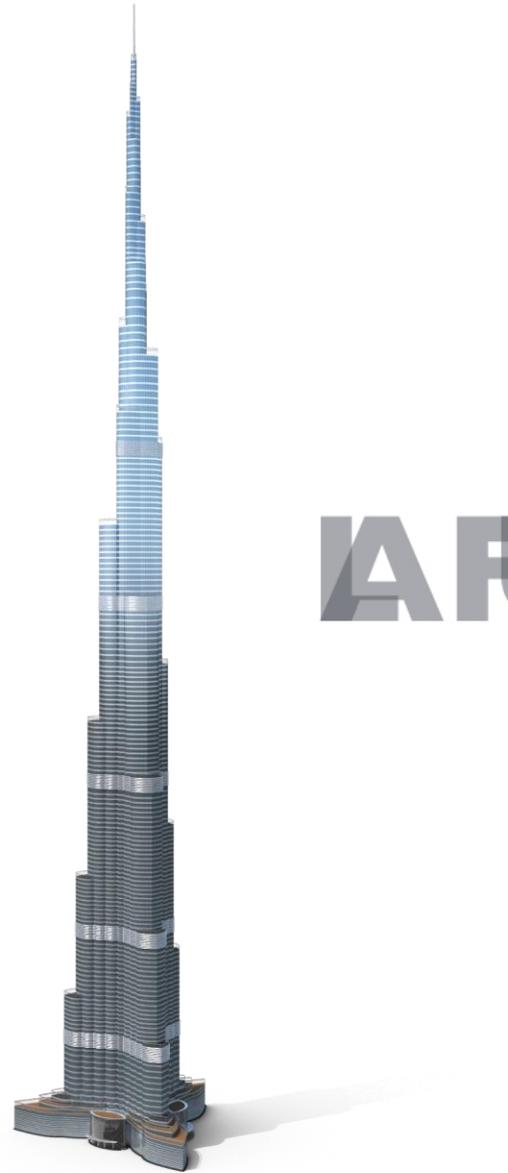


In mid-2020, we will introduce a much larger drone capable of transporting over one ton of payload

And thus fundamentally attacking freight traffic

“The world is changing very fast. Big will not beat small anymore. It will be the fast beating the slow” (Rupert Murdoch).

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