

Mission CES

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■ Energy

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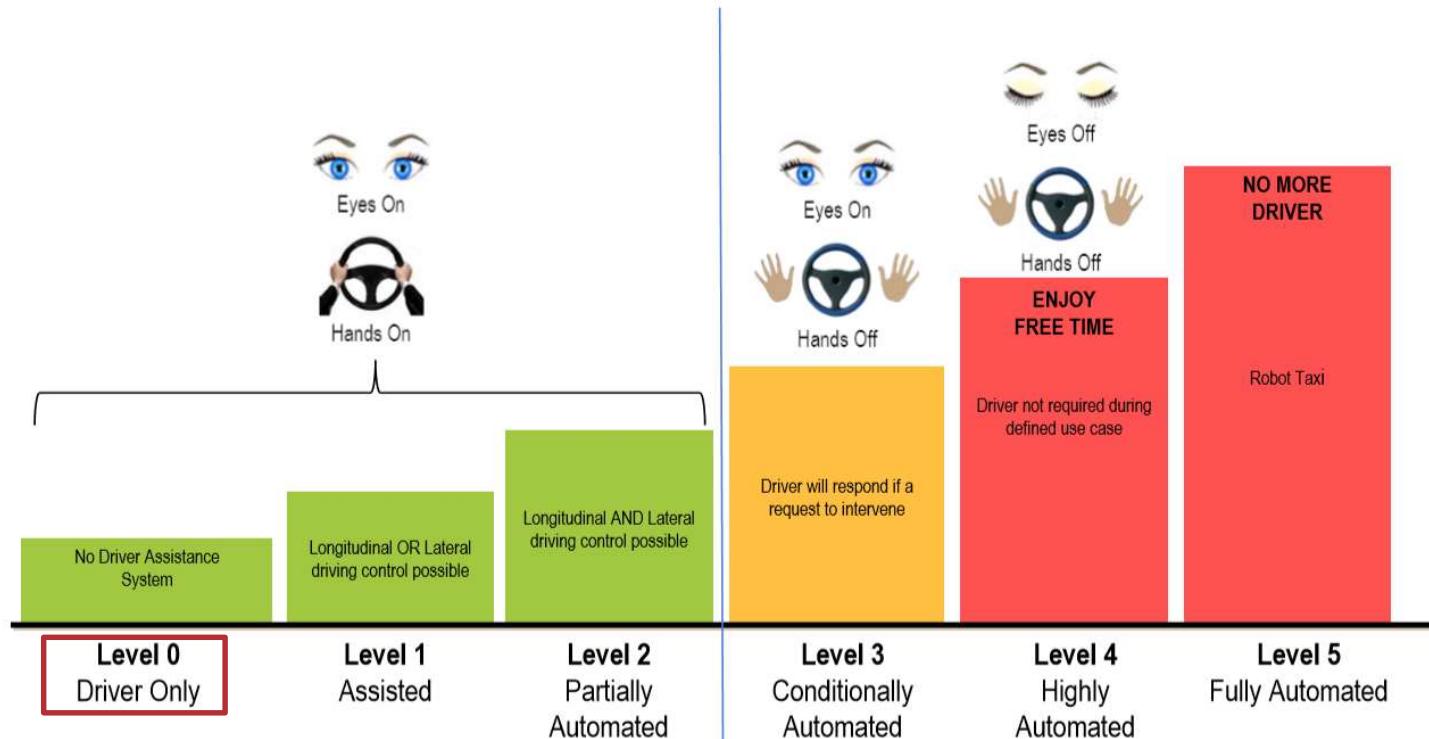


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Software For Mobility

Level of Software complexity = Level of Autonomy

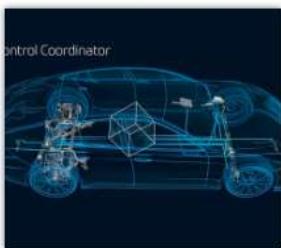
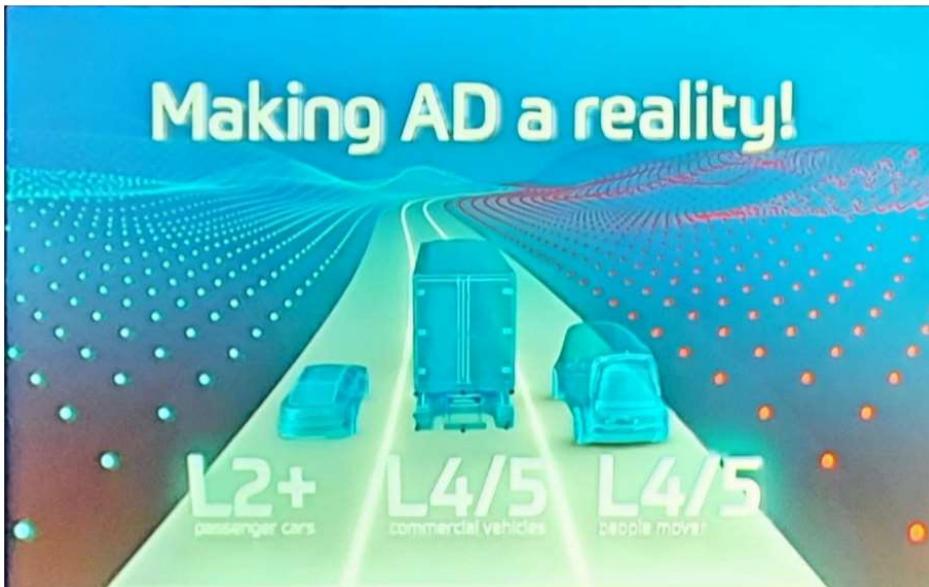
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Even at **level 0** = lot of software

Vision ZF

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CES 2020 : ZF DEVIENT FOURNISSEUR DE SOLUTIONS LOGICIELLES

ZF met le cap sur un développement logiciel toujours plus rapide et performant : en **collaboration avec Microsoft**, ZF entend porter ses processus, méthodes et solutions d'ingénierie logicielle au rang des sociétés informatiques de premier plan en termes de rapidité et de qualité. En se positionnant en fournisseur de services de mobilité pilotés par logiciel, ZF adapte ses ressources pour répondre aux besoins évolutifs des clients

AI Company everyday life



Light Drive smart glasses
that extends the wearer's
field of vision.



3D Display: allows the driver to take in the information faster than if it were displayed on conventional screens



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IOT SHUTTLE

IoT shuttle a complete ecosystem of networked mobility **services**, reservation and sharing **platforms** for car manufacturers & mobility service providers



SUN VISOR

Futuristic AI-powered LCD sun visor end squinting

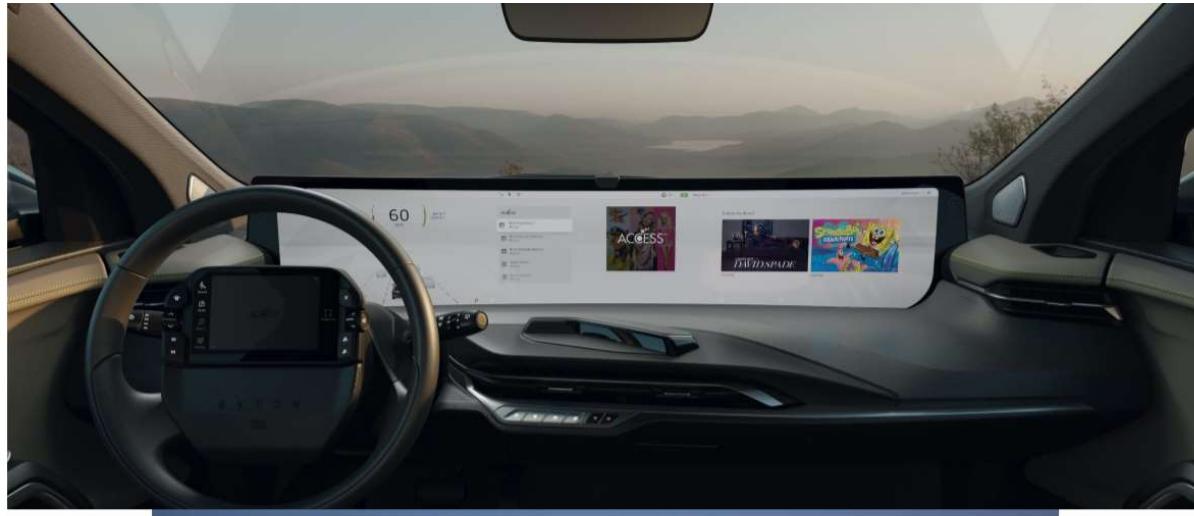
Software Mobility concepts

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Byton

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BYTON announced a Developers Program that will allow the **development** of applications for the Byton

QUALCOMM

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Qualcomm
snapdragon ride
platform



platform available to manufacturers in the first half of this year help automakers roll out new vehicles featuring its driverless solution by 2023.

GM and Land Rover would utilize Qualcomm autonomous vehicle technology in their upcoming automobiles

SharingOS



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Canoo

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canoo



HYUNDAI Robotaxi

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DAMON MOTORCYCLE

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BlackBerry | QNX

Secure. Reliable. Trusted.



Motov & Monex (Seoul)

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Think ouside of
The box

Ad subsidized
Transport

Disruptiv billing !!

ZPM



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level 4/5 Micromobility

- Low speed (security)
- Short distance on trained circuit

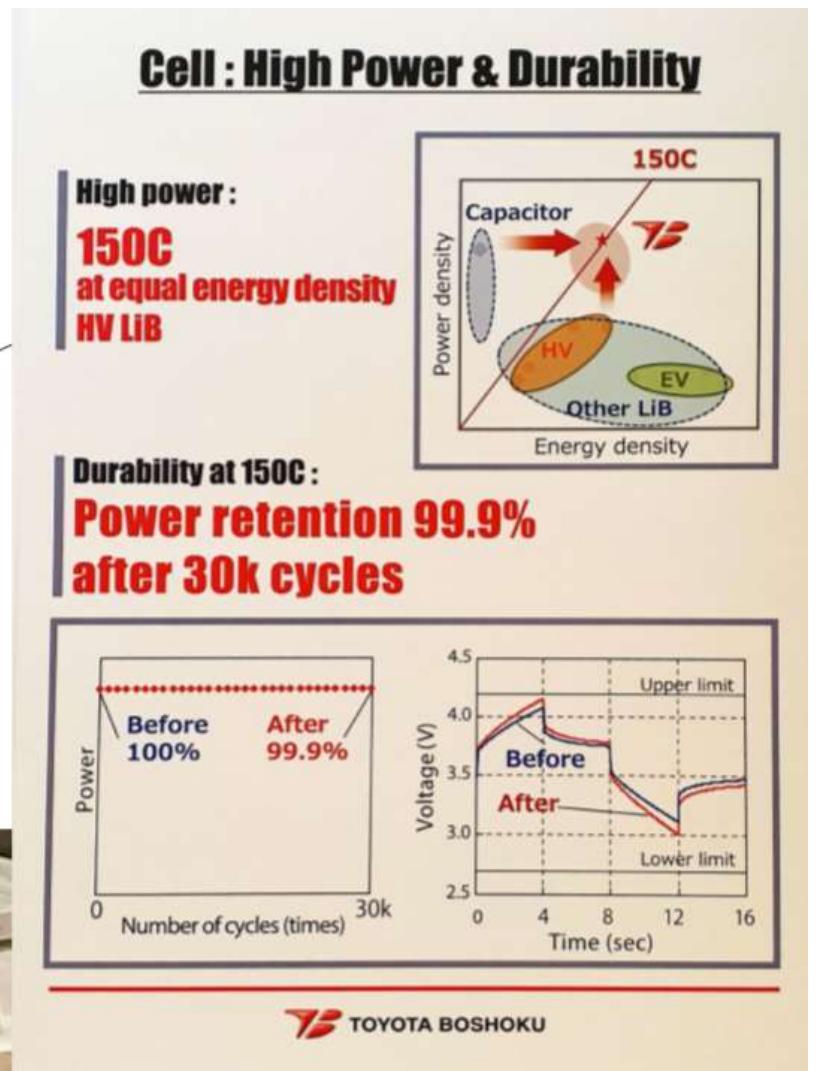
Nawa racer (hybrid motorcycle)

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0.1 kWh Ultra capacity booster

Ultra efficient electric driving in city



Lightyear one

9 Kwh/100km
700 Km
60 Kwh



22 kwh/100km
400Km
100 Kwh



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kwh/Cycle !!

TESLA
150\$
1000 Cycles
0,15\$/Kwh

Toyota
300\$
30000 Cycles
0,01\$/kwh



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PV Solar = 1-2 ct/Kwh

BMW hybride
20Kwh/100km

20-40cts/100km

- Not including battery amortisation
100euros/kwh/100cycles * 20kwh/100km=
2Euros/100km

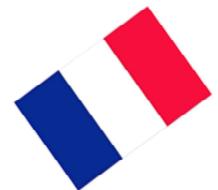


EENUEE (hybrid sailor)

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eenuee



FLYING **Hybrid** MINI-BUS

- Lite-weight and low-speed (250km/h)
- 17 persons 1000 km
- Ultra-efficient

AKOYA



Startup

Mission CES

Preparation Accompagnement CES



CES UNVEILED PARIS



Preparation STARTUP



Region Grand-EST

Networking & Team Expert

Mission CES

Chine



Team



Soiree VIP



Ministre



VP VALEO



Mise en relation



Delegation



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20 years product experience in telecom industry

