

Monitoring Devices for Overall Fitness of Drivers

The FitDrive project meets the EU Driving Licence Directive

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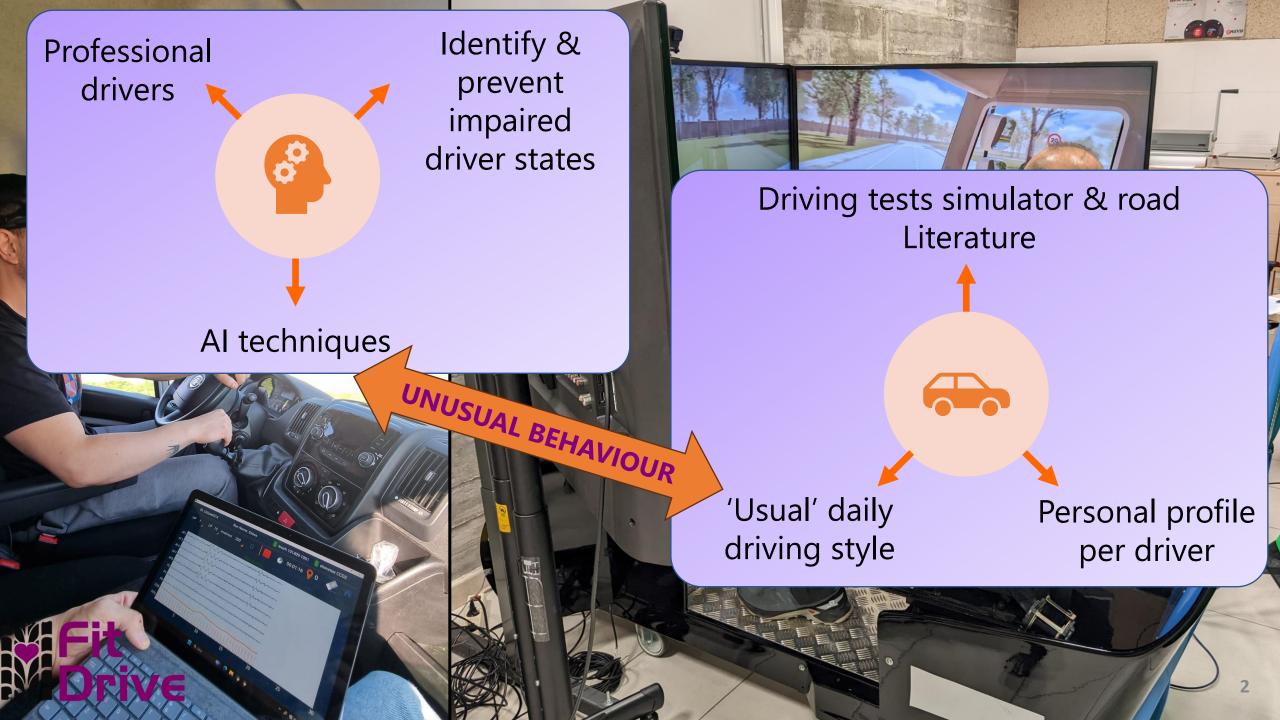


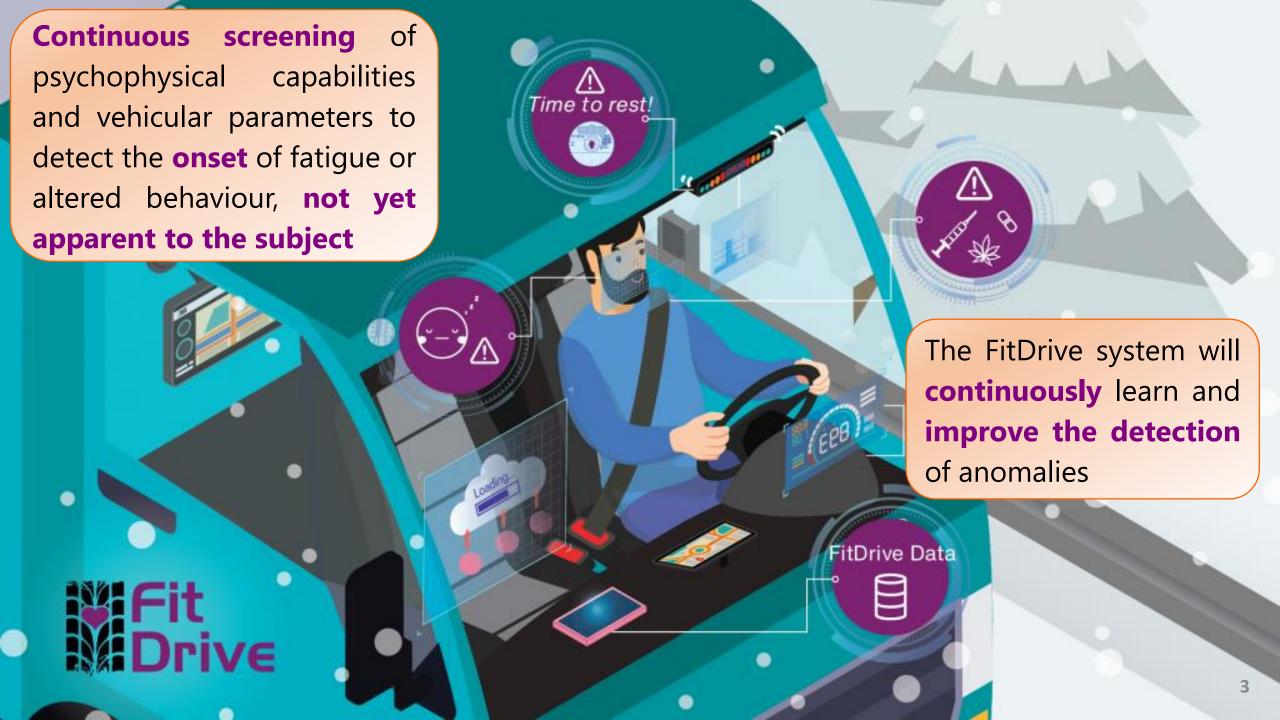












FitDrive aligns with the DLD...



 FitDrive supports the DLD objectives in lowering incidents caused by reduced fitness and dangerous behaviour

COM(2023) 127 final

 Pave the way for new assistance mechanisms, continuous fitness-to-drive monitoring

on driving licen

 Recommendations to public administrations, transport sector and automotive industry, researchers:

1: Standardisation needed on acceptable levels of fitness



Standardisation (1)

When to warn drivers on lowered fitness to drive?

Common criteria needed: Cases of drowsiness/fatigue, medication use, etc.

Similar as with alcohol limits, preferably on EU level.



	source: etsc.eu	Standard	Commercial	Novice		Standard	Commercial	Novice
Ī	Austria	0.5	0.1	0.1	Latvia	0.5	0.5	0.2
	Belgium	0.5	0.2	0.5	Lithuania	0.4	0.0	0.0
	Bulgaria	0.5	0.5	0.5	Luxembourg	0.5	0.2	0.2
	Croatia	0.5	0.0	0.0	Malta	0.5	0.2	0.2
	Cyprus	0.5	0.2	0.2	Netherlands	0.5	0.5	0.2
	Czech Rep.	0.0	0.0	0.0	Norway	0.2	0.2	0.2
	Denmark	0.5	0.5	0.5	Poland	0.2	0.2	0.2
	Estonia	0.2	0.2	0.2	Portugal	0.5	0.2	0.2
	Finland	0.5	0.5	0.5	Romania	0.0	0.0	0.0
	France	0.5	0.5	0.2	Slovakia	0.0	0.0	0.0
	Germany	0.5	0.0	0.0	Slovenia	0.5	0.0	0.0
All the same	Greece	0.5	0.2	0.2	Spain	0.5	0.3	0.3
	Hungary	0.0	0.0	0.0	Sweden	0.2	0.2	0.2
	Ireland	0.5	0.2	0.2	UK	8.0	8.0	8.0
	Italy	0.5	0.0	0.0	Switzerland	0.5	0.1	0.1
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Standardisation (2)

INTERNATIONAL»



requests,

When the feature

you must drive

In SAE3 autonomous vehicles, the FitDrive system can check the driver's fitness before passing over control.

Standards should define at what level of fitness it is safe (or not) to pass over control.



Standardisation (3)

The FitDrive system can connect to police roadside controls and warn on unusual behaviour, helping to target the controls.

This contributes to making these controls more effective and reduce stationary time of vehicles.

Again, European standards on fitness level thresholds are needed, possibly related to ITS standards.





- Offices in Burgos & Madrid
- 86 colleagues (at least...)
- Founded 1989
- For FitDrive:
 - Simulation Technologies & Virtual Reality
 - CTO



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Thank you!

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FitDrive Project

























