

How will Automated Vehicles change our driving laws?



Vehicle automation will mean that an Automated Driving System (ADS), rather than a human, will **drive** the vehicle for part or all of a journey.

What are some of the features of an ADS?



Adaptive Cruise Control



Lane Departure Warning



Emergency Brake Assist



Collision Avoidance System



Rear Collision Warning



GPS



Pedestrian Detection



Surround View Camera



Central Computer



Communication

The National Transport Commission is developing a new national law, **where obligations for a human driver will remain unchanged**, but the fallback-ready human will be required to abide by road traffic laws. If the ADS is engaged and it fails to comply with road traffic laws, **the manufacturer, registered operator or another entity will be held responsible**.

LEVEL
3

CONDITIONAL AUTOMATION: Human is the driver (when ADS not engaged) or fallback-ready occupant (if ADS engaged)



[Local road]

[Operational Design Domain e.g. freeway driving]



[Local road]

LEVEL
4

HIGH AUTOMATION: Human is an occupant (if ADS engaged) or driver (if ADS not engaged)



[Local road]

[Operational Design Domain e.g. freeway driving]



[Local road]

LEVEL
5

FULLY AUTOMATED: No human driver – ADS always in control

