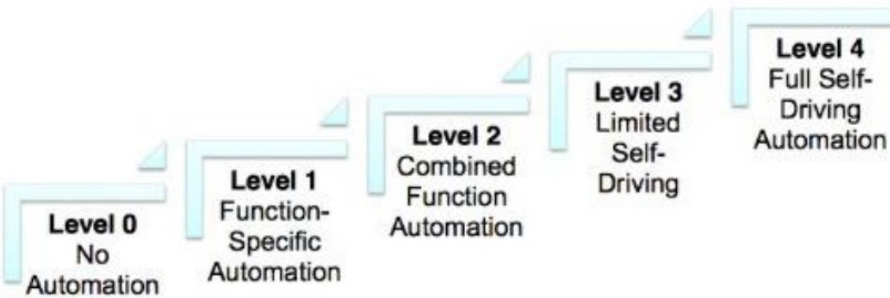


# Definitions of Automated Driving Technology

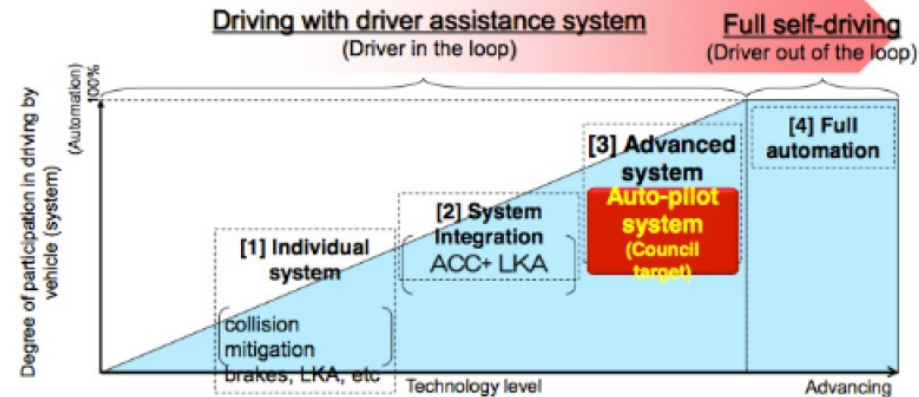
## Levels of Automation



## Definition of Automated Driving

○ The Council defines driving with driver assistance system and full self-driving as automated driving.

## Automated driving



## Levels of Automated Driving

Automation ↔ Driver	Level 0	Level 1	Level 2	[Level 3]	Level 4	Level 5
Driver	Driver continuously performs the longitudinal and lateral dynamic driving task	Driver continuously performs the longitudinal or lateral dynamic driving task	Driver <b>must</b> monitor the dynamic driving task and the driving environment <b>at all times</b>	Driver <b>does not</b> need to monitor the dynamic driving task nor the driving environment at all times; must always be in a position to <b>resume control</b>	Driver is not required during <b>defined use case</b>	System performs the lateral and longitudinal dynamic driving task in all situations encountered during the entire journey. No driver required.
System	No intervening vehicle system active	The other driving task is performed by the system	System performs longitudinal and lateral driving task in a defined use case	System performs longitudinal and lateral driving task in a defined use case. Recognizes its performance limits and requests driver to resume the dynamic driving task with sufficient time margin.	System performs the lateral and longitudinal dynamic driving task in all situations in a defined use case.	System performs the lateral and longitudinal dynamic driving task in all situations encountered during the entire journey. No driver required.
Level of automation →	Level 0 Driver Only	Level 1 Assisted	Level 2 Partial Automation	[Level 3] Conditional Automation	Level 4 High Automation	Level 5 Full Automation

\*terms acc. to SAE J3016

## SAE (Society of Automotive Engineers) International Levels of Driving Automation

