

# Automated and Connected Driving Challenges

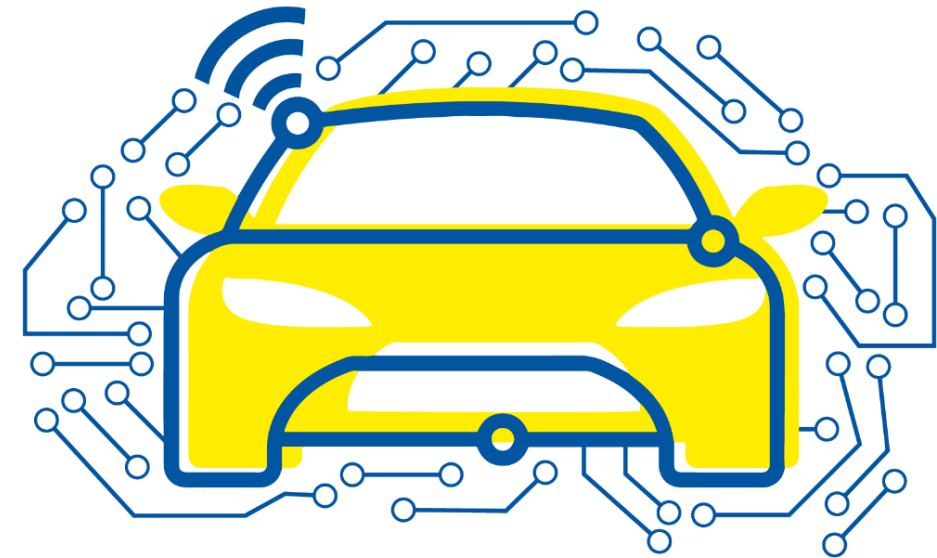
Section 4 – Vehicle Guidance

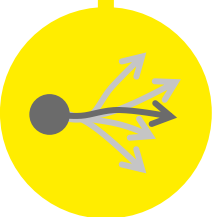
Introduction

Overview

Prof. Dr.-Ing. Lutz Eckstein

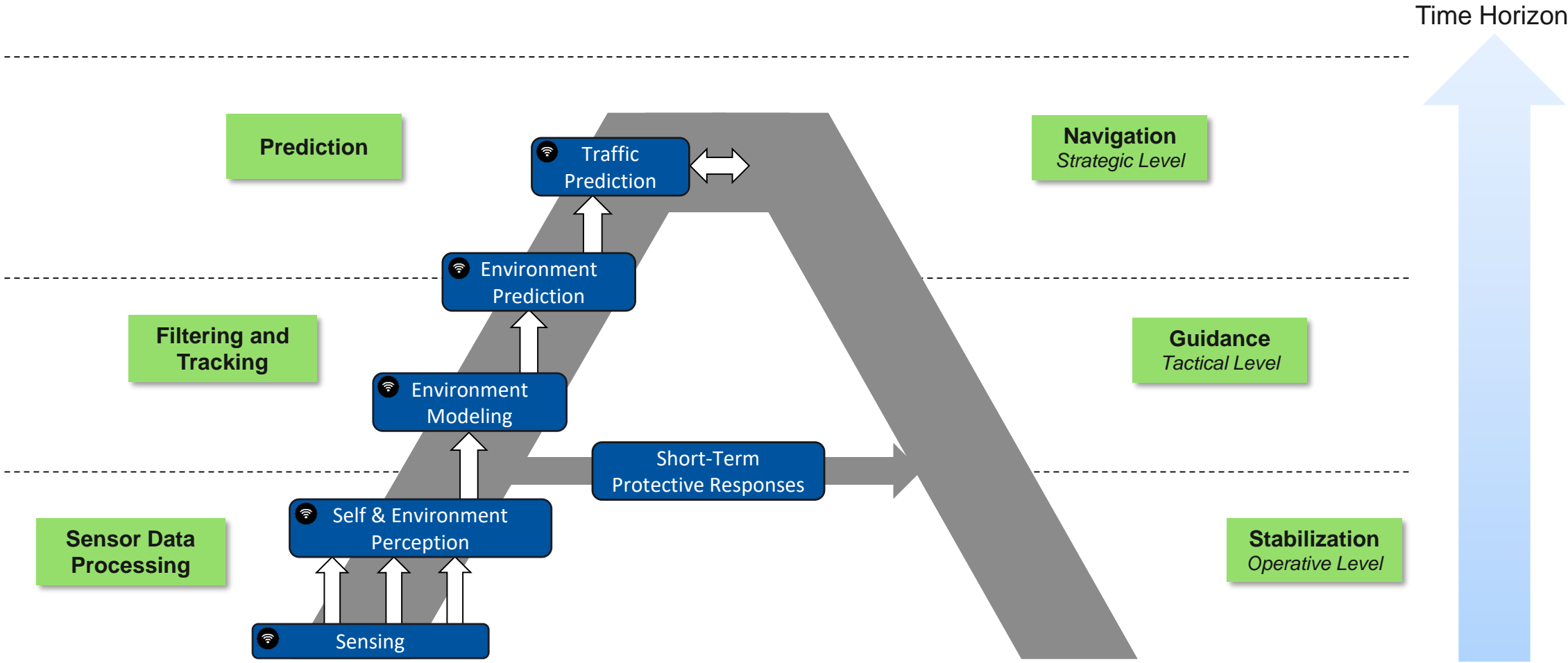
Institute for Automotive Engineering

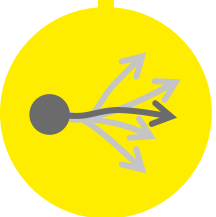




# Vehicle Guidance

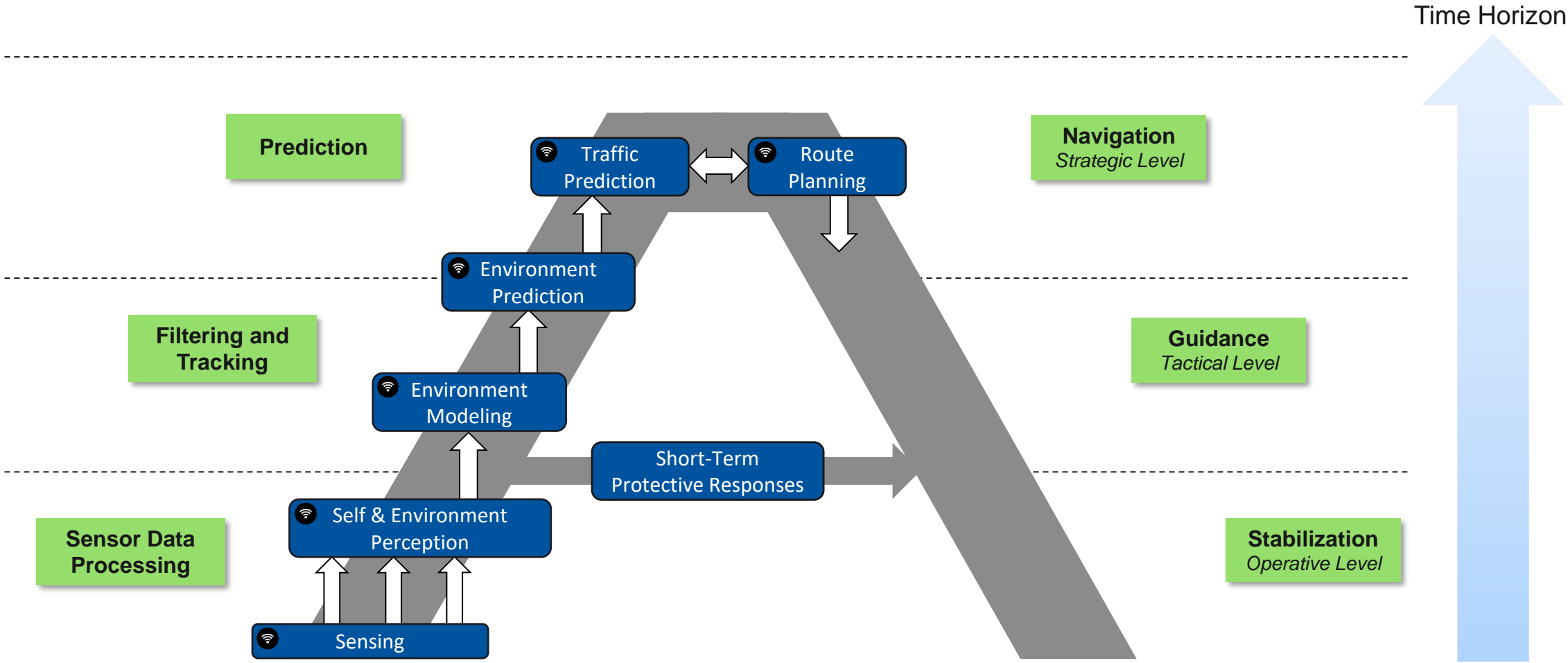
## *Vehicle-Guidance within an AD-Software-Stack*

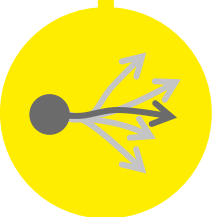




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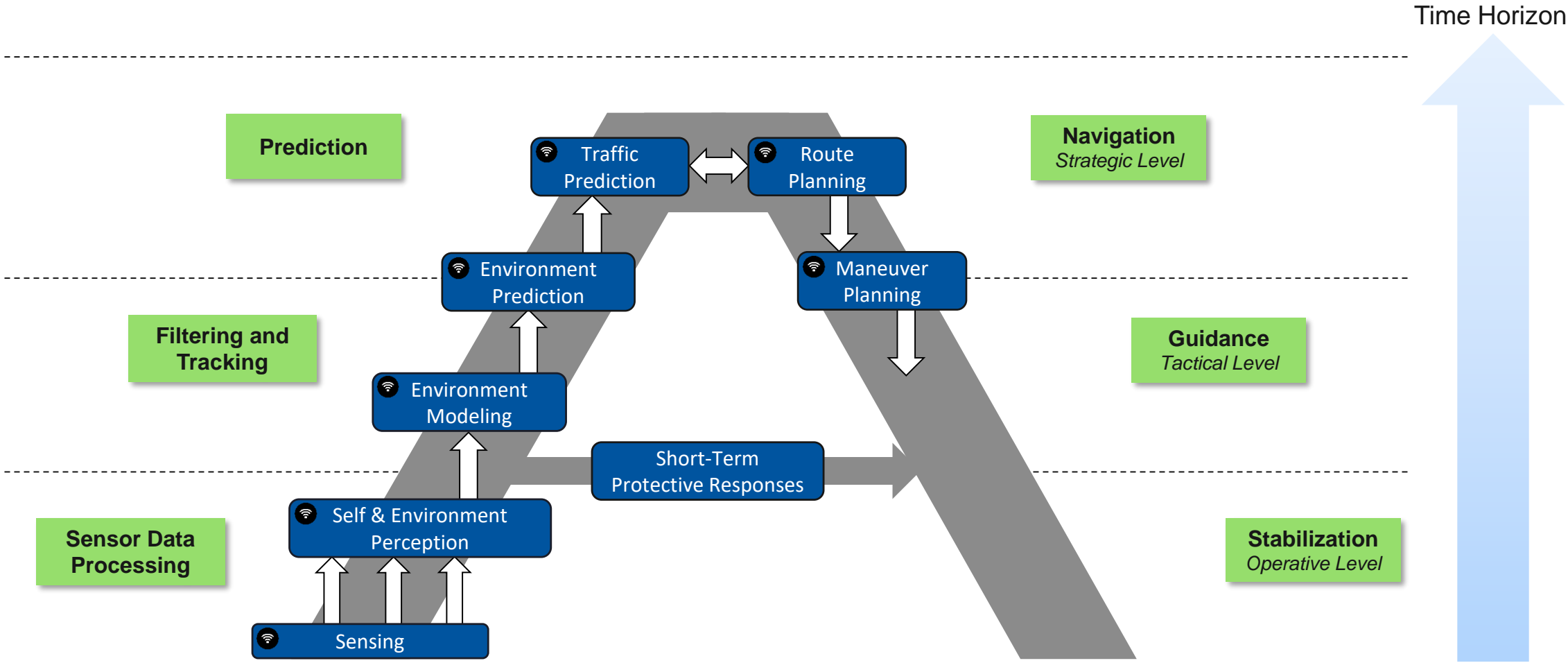
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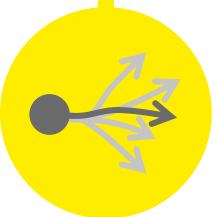


# Vehicle Guidance

## *Vehicle-Guidance within an AD-Software-Stack*

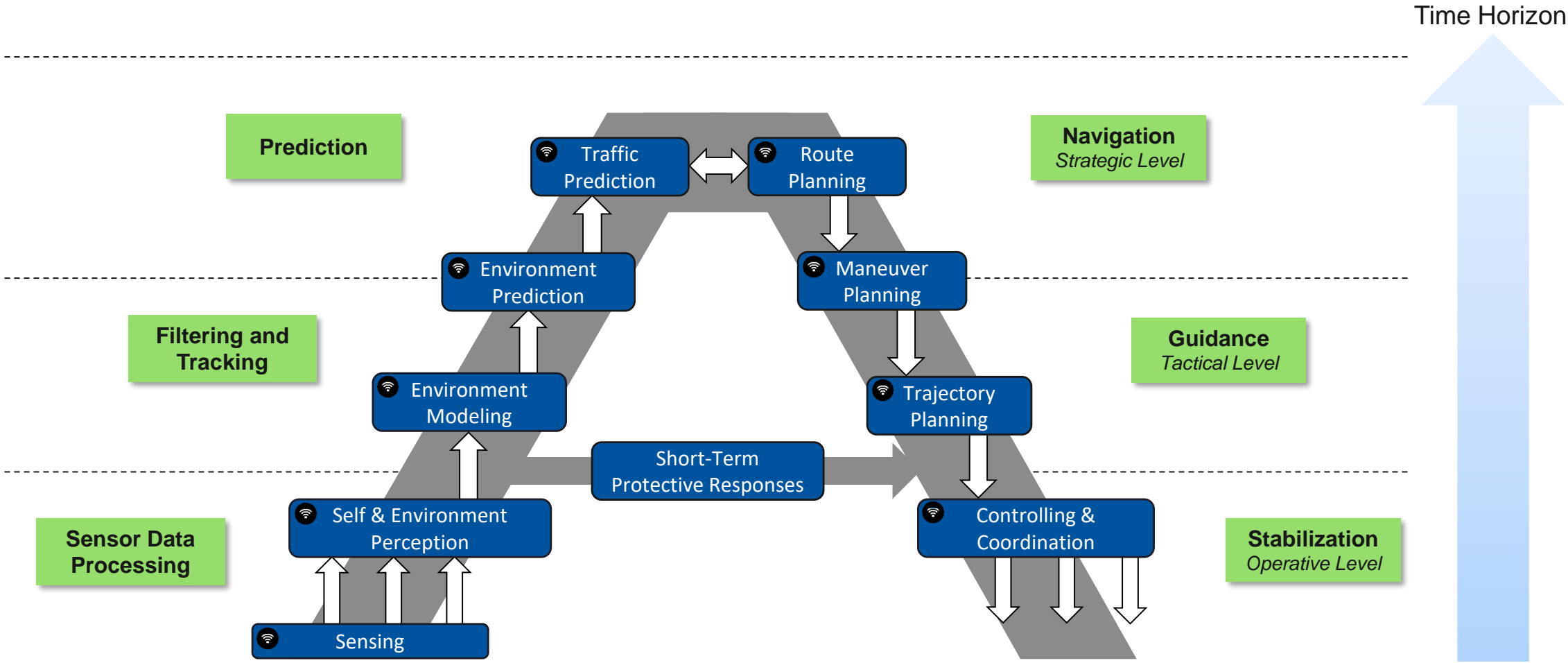






# Vehicle Guidance

## *Vehicle-Guidance within an AD-Software-Stack*





## Vehicle-Guidance within an AD-Software-Stack

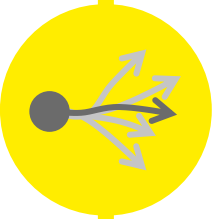




## Vehicle-Guidance within an AD-Software-Stack

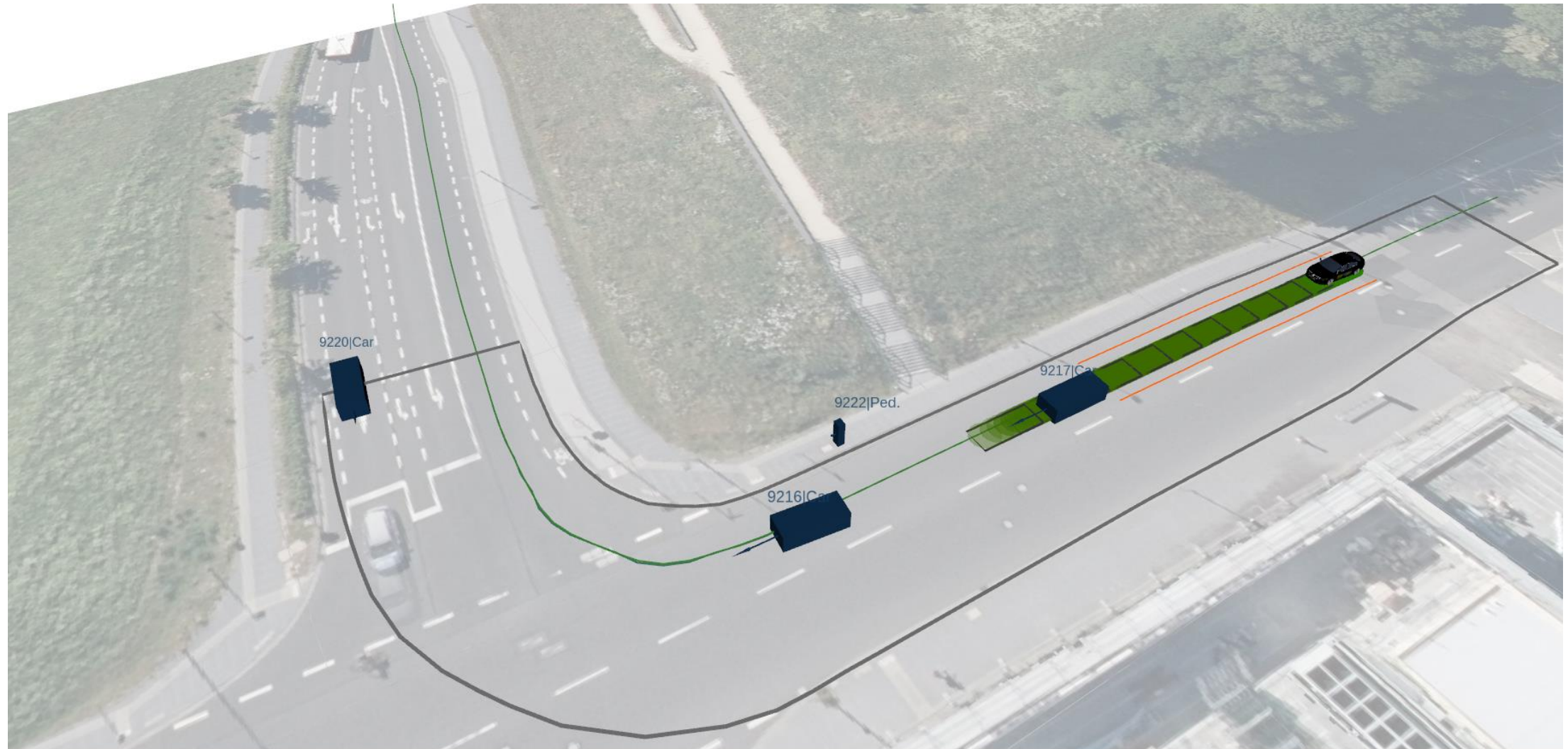


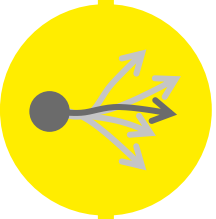




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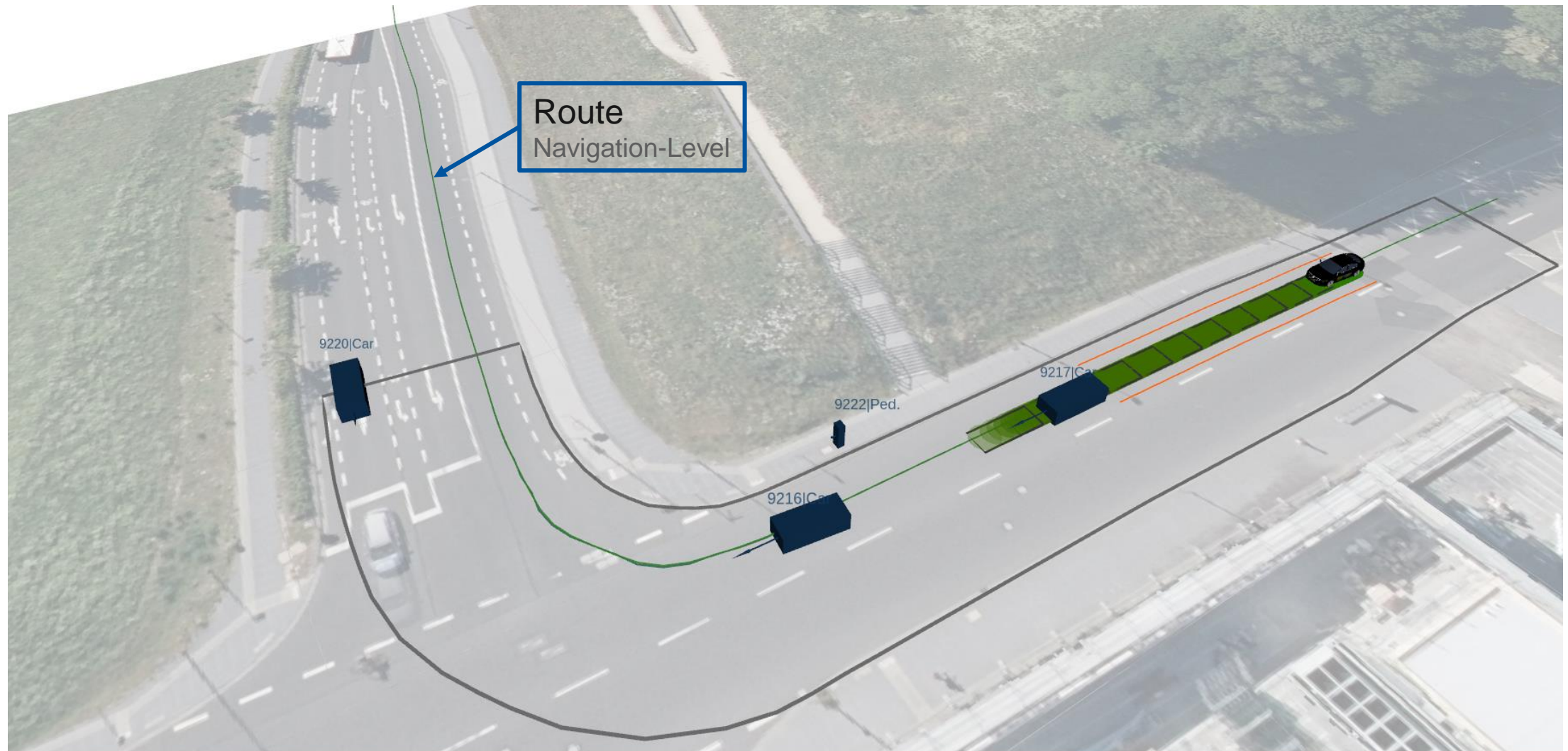
## *Motion Planning on different Levels of Vehicle Guidance*



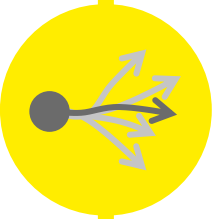


# Vehicle Guidance

## *Motion Planning on different Levels of Vehicle Guidance*







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