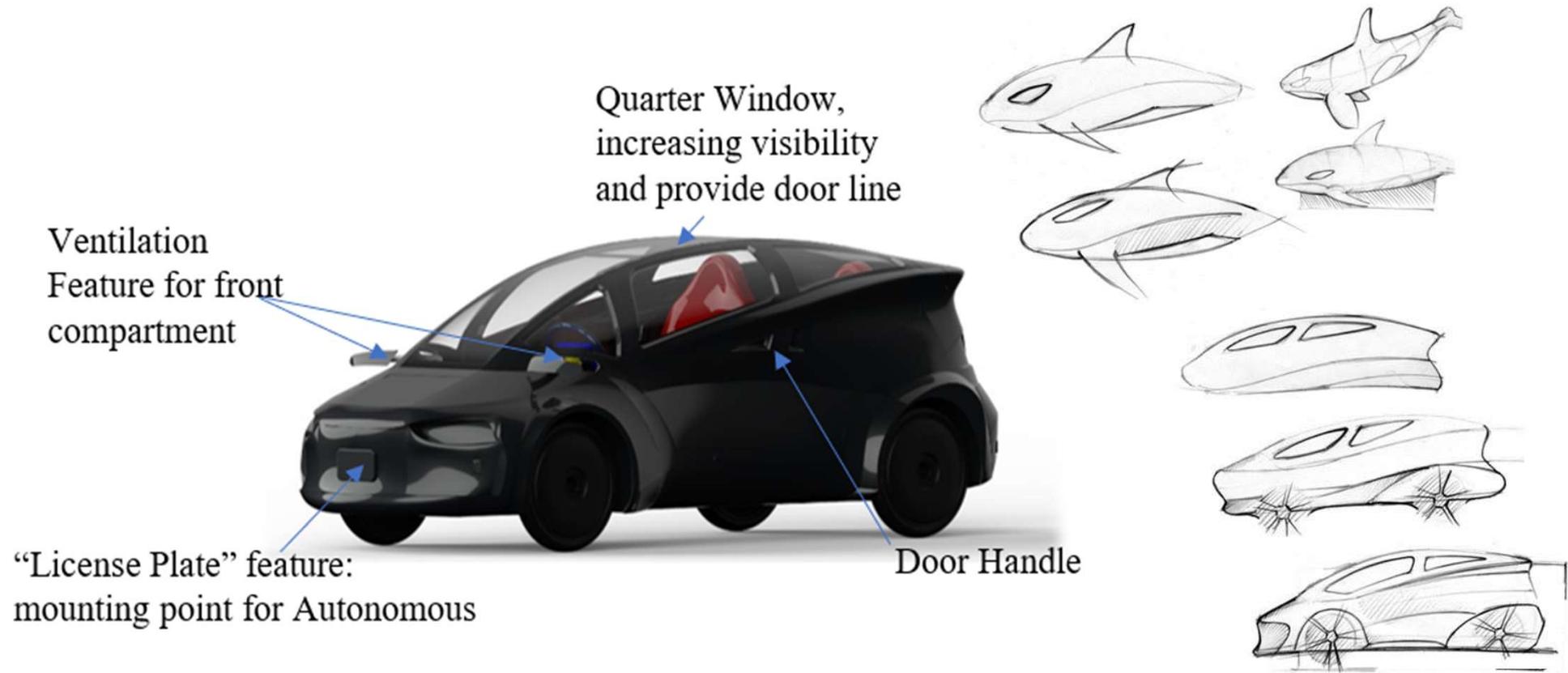


*N*anyang

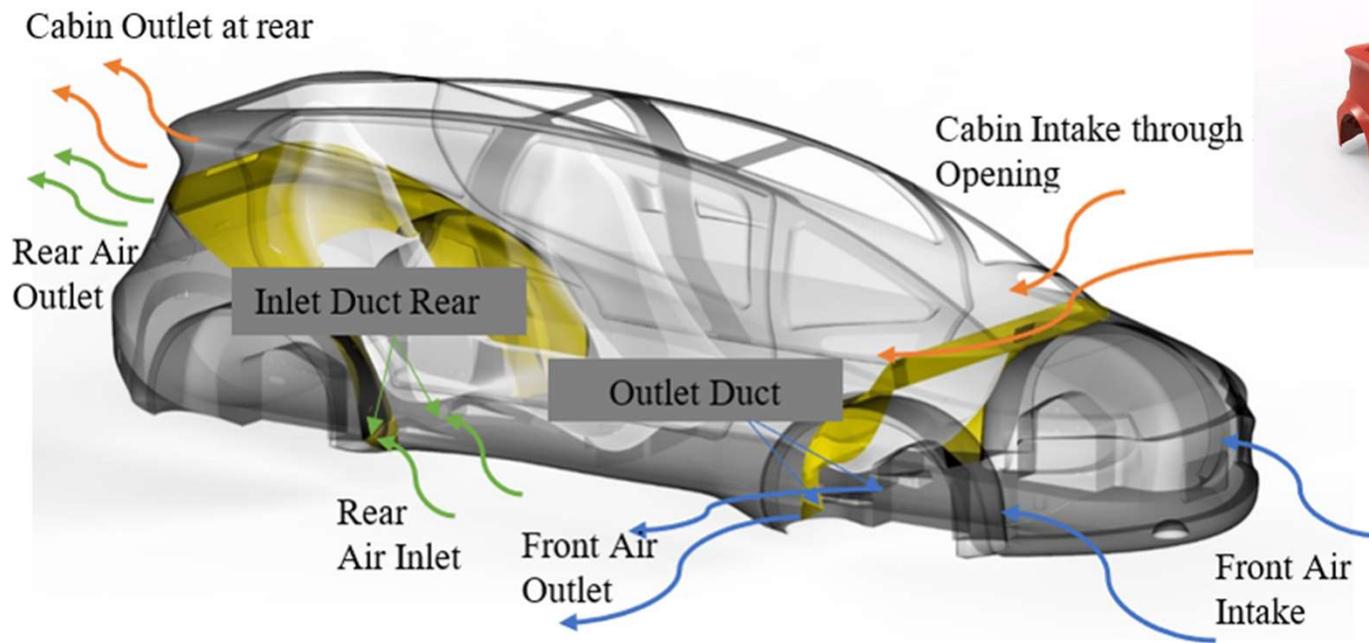
*V*enture

*1 1*

# Design Concept



# Design Concept



# Specifications

Chassis: Carbon Fibre Monocoque

- Length: 3.4m
- Width: 1.2m
- Height: 1.2m

Weight: 120KG

Top Speed: 40 km/h

Battery: 48V Li-ion

Efficiency: 79.8km/kWh



# Video

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# Shell Autonomous Urban Concept

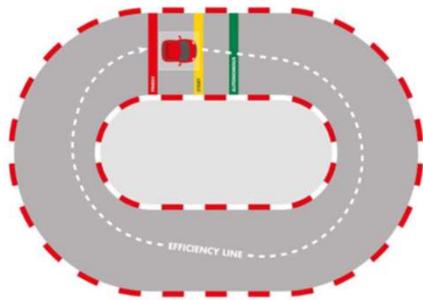


Figure 1.1 Challenge 1 – Autonomous distance

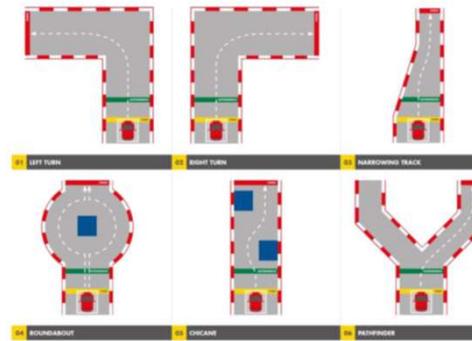


Figure 1.2 Challenge 2 – Complex track layout

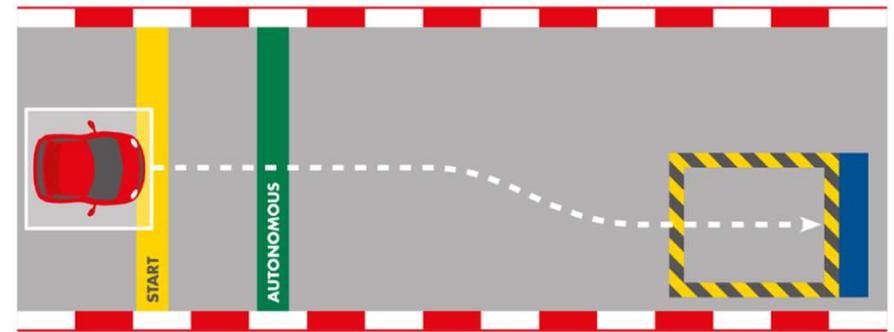


Figure 1.3 Challenge 3 – Parking challenge

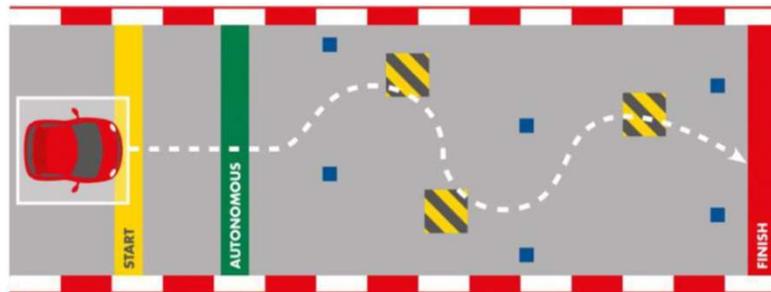


Figure 1.4 Challenge 4 – Obstacle avoidance

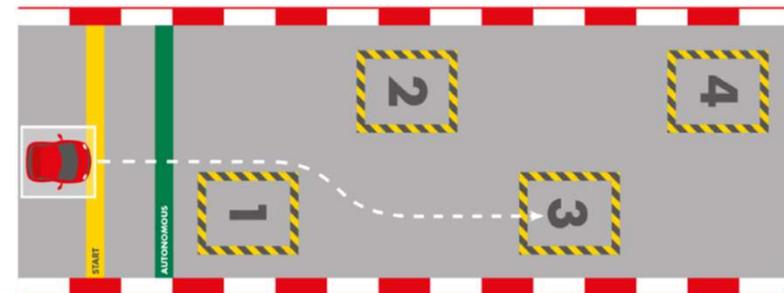
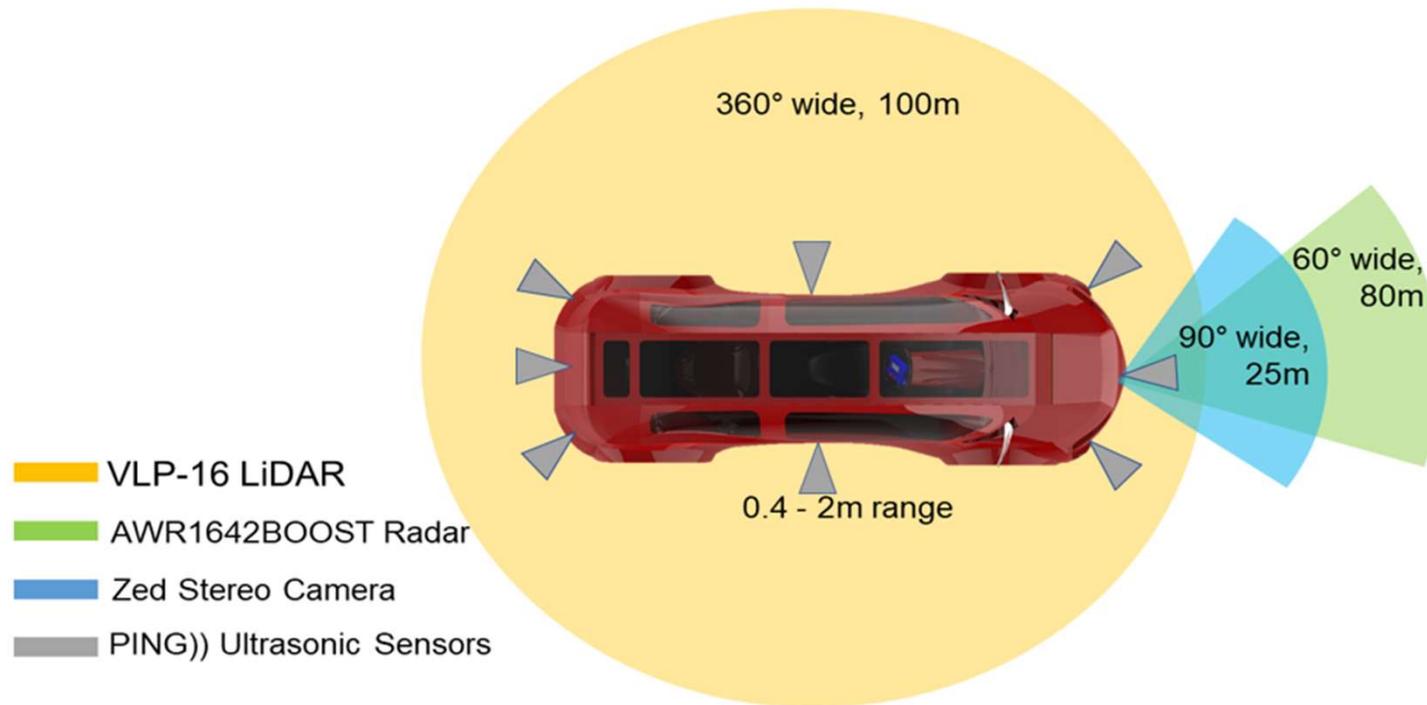
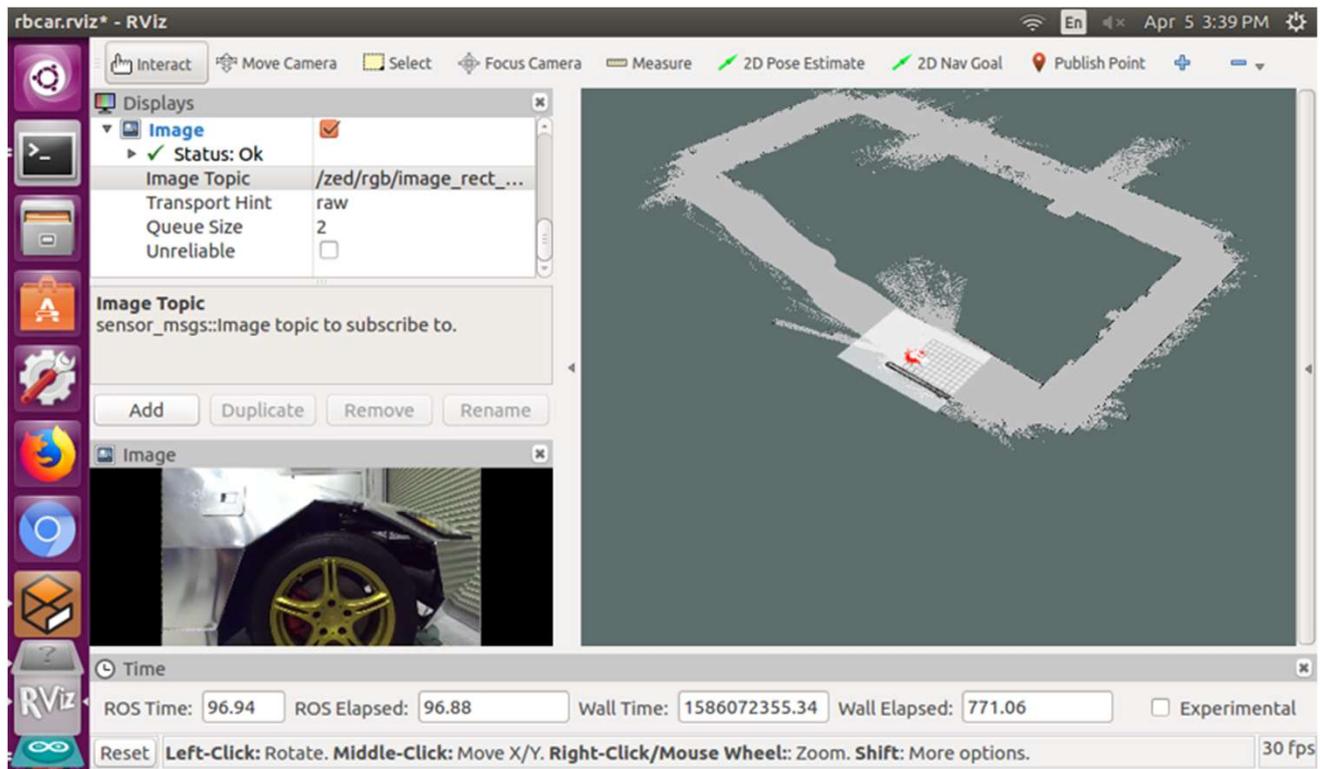


Figure 1.5 Challenge 5 – Last-Minute challenge

# AV



# AV



2D map of test route on RViz

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