



Simulation Projects

PEUGEOT 308 GTi

גלה את האריה שובך



Peugeot 308GTi Driving Experience

- Full Race track Simulation
- Featured at 308GTi official launch
- Physics and Vehicle dynamics simulation model created for the 308GTi



Mercedes Benz Truck Simulation Centre

- Multi-Configuration Truck Simulator
- Design Study for Mercedes Trucks sales centre
- Enables 1M possible truck configurations in a single simulated Truck rig





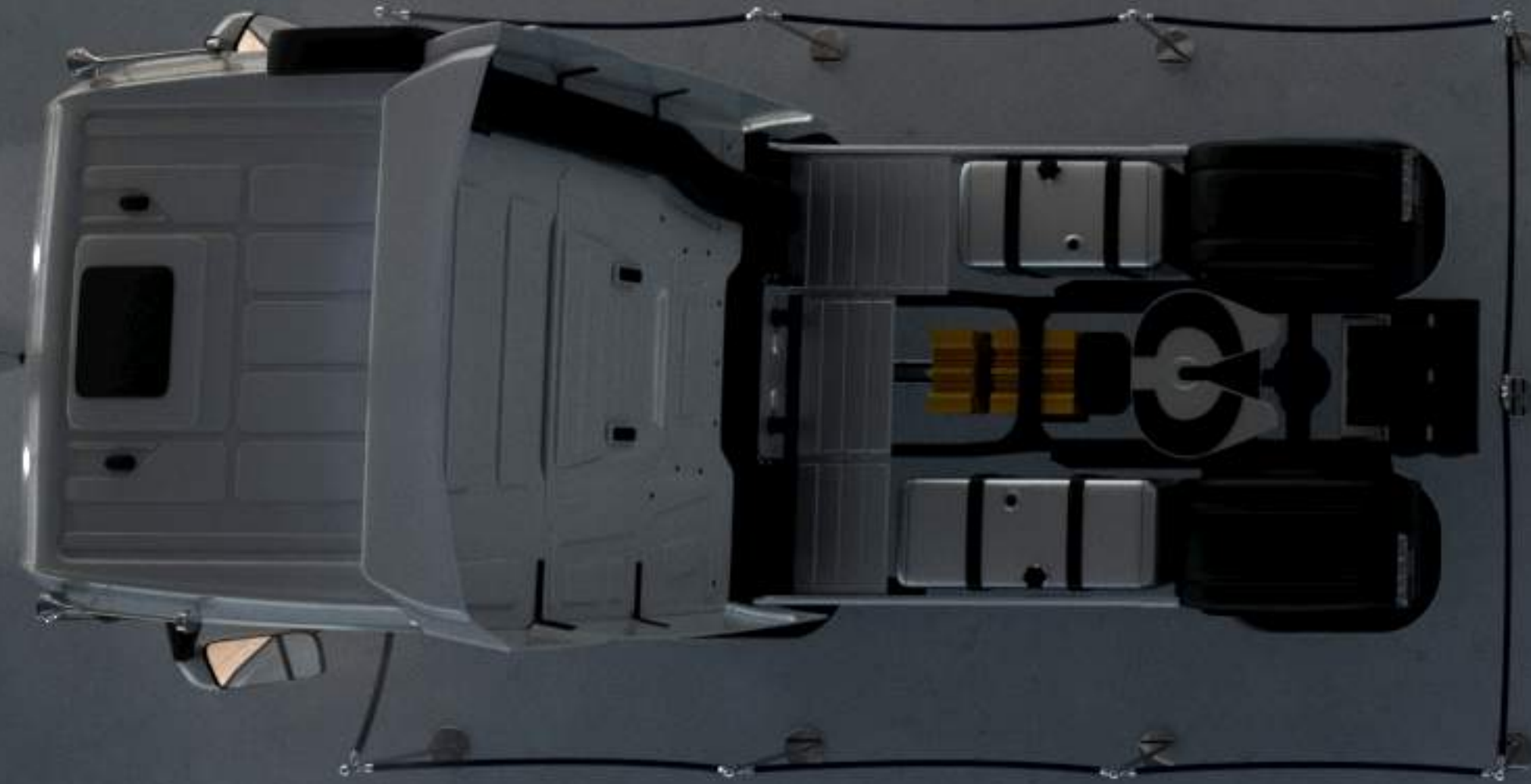
Mercedes Benz Truck Simulation Centre

- Truck mounted on hydraulic actuators
- Full simulation of road conditions, steering, suspension etc.
- Dedicated laser projection system for windshield and side windows



Mercedes Benz Truck Simulation Centre

- Replaceable truck mountings
- The compound has its own maintenance lift for truck conversions
- a wide range of physical truck models can be mounted and simulated





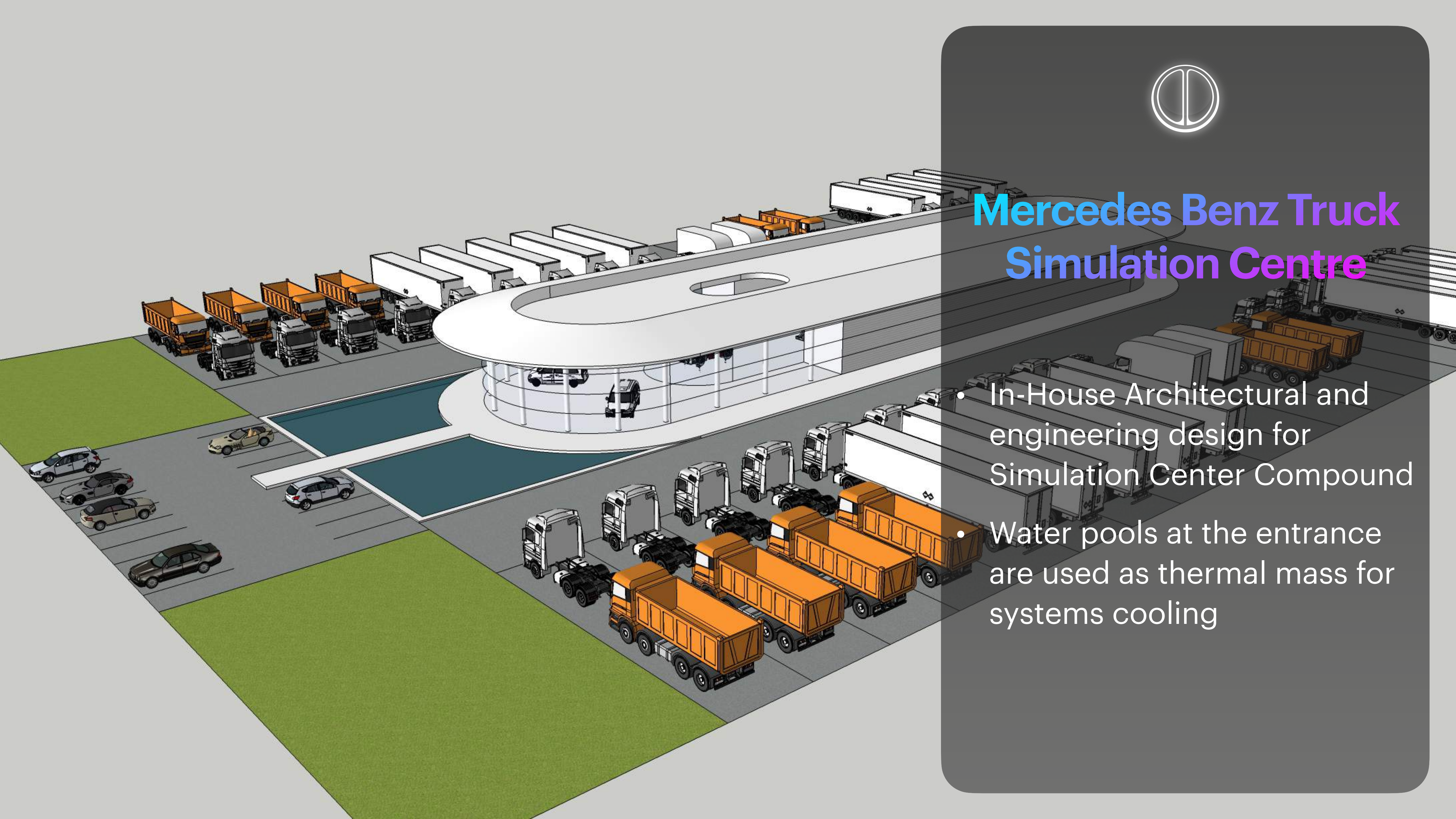
Mercedes Benz Truck Simulation Centre

- Truck's driveshaft is modified with an onboard electric dyno motor
- The simulator dynamically adjusts the dyno resist torque according to road conditions, slope, vehicle configuration loading
- Fuel consumption is measured under close to real conditions



Mercedes Benz Truck Simulation Centre

- In-House Architectural and engineering design for Simulation Center Compound
- Water pools at the entrance are used as thermal mass for systems cooling





OLO E-Bike Safety Training Simulator

- The world's first VR safety training simulator for E-Bikes
- In use for student training since 2017 across all High Schools in Israel
- Proprietary simulation Software and Hardware with over 10M accident scenario combinations



YOLO E-Scooter Safety Training Simulator

- The world's first VR safety training simulator for E-Scooters
- In use for student training since 2022 across all High Schools in Israel
- Proprietary simulation Software and Hardware with over 10M accident scenario combinations





YOLO E-Scooter Safety Training Simulator

Winner of the
prestigious Epic
Games MegaGrant





OLO/YOLO Gen-1 Simulation Platform

- A full city block featuring AI managing pedestrians, vehicles and traffic management systems
- Optimised for VR applications
- Proven and tested since 2017



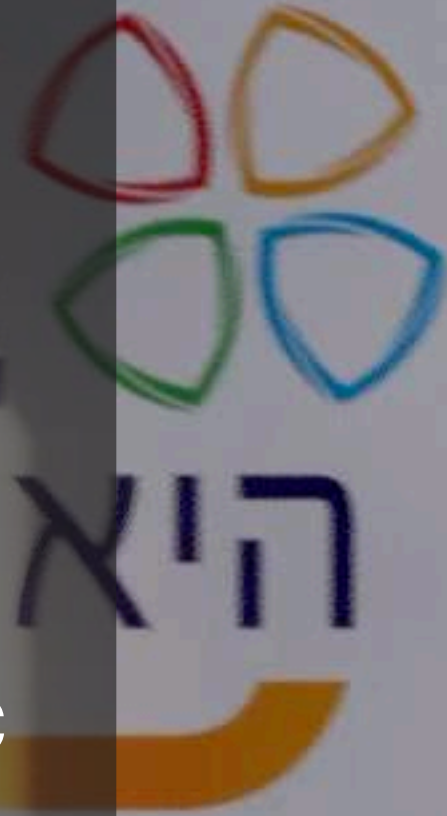
Gen-2 Simulation Platform

- An entire city simulation down to the smallest details
- Cutting edge graphics engine for full photorealistic experience
- over 100K Vehicles and 60K pedestrians powered by advanced AI



Israel Railways Safety Training Simulator

- Gen-2 Simulation Platform
- Full driver training in realistic scenarios
- Launched during Israel Railways safety week



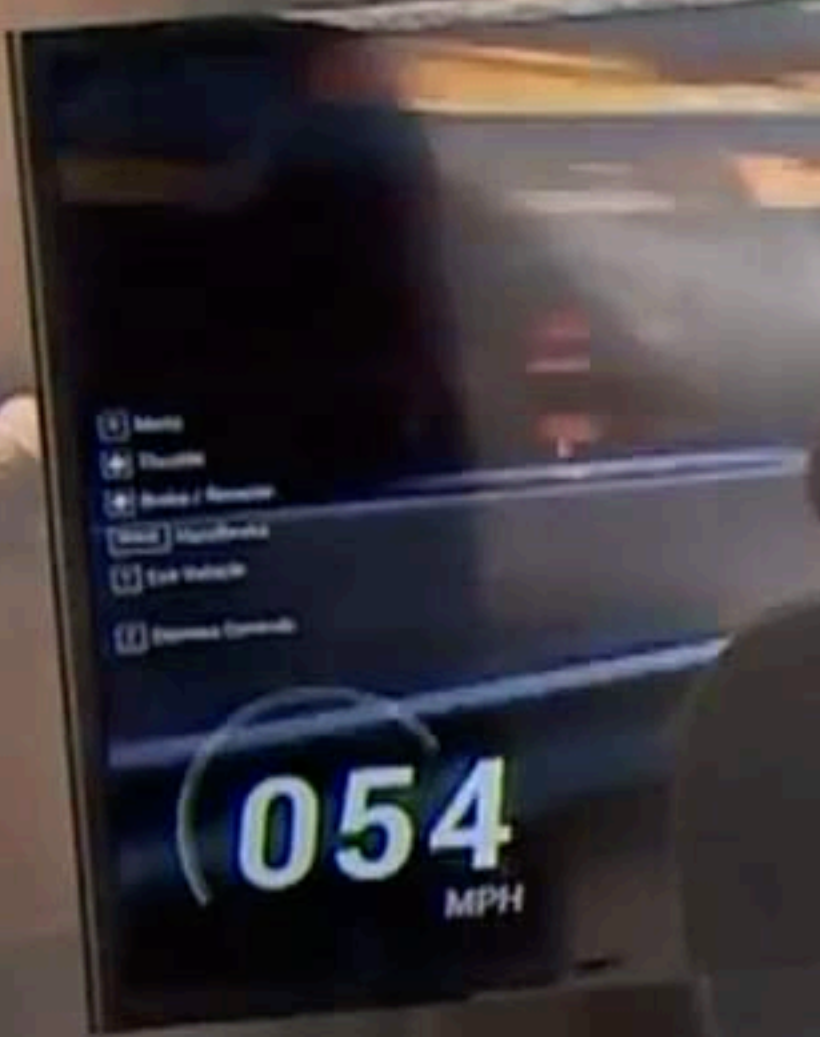
בטיחות

היא דדדדדד



רכבת ישראל

נוסעים
יותר בזהירות



שומרים
על הבטיחות
בכל מקום, בכל זמן



זה ממש נותן
תחושה אמיתית של כביש.



Samsung S-23 Metaverse Hunt Simulator

Metaverse

- Gen-2 Simulation Platform
- Open world simulation game
- Designed for the Launch of the Samsung Galaxy S-23 Smartphone

Hunt