



eVANgo

PandaModium
P r o j e c t

Evangelos James Manolikas

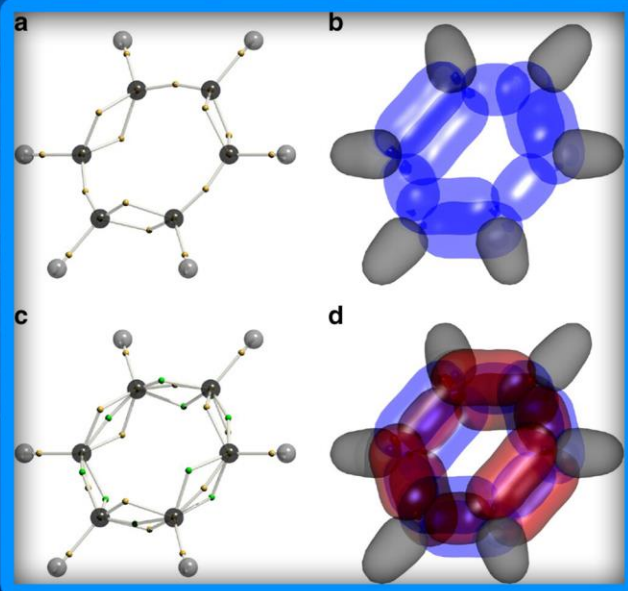
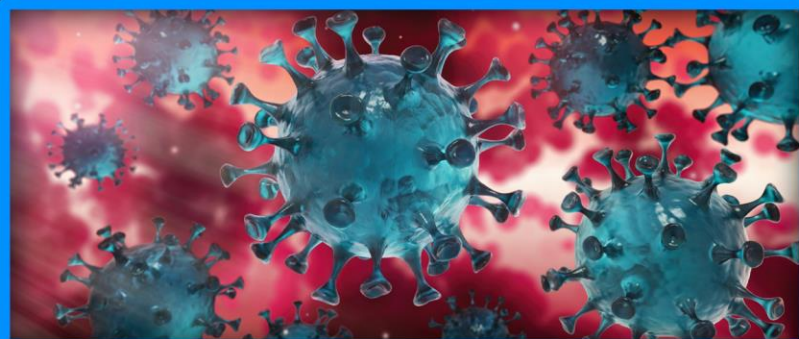
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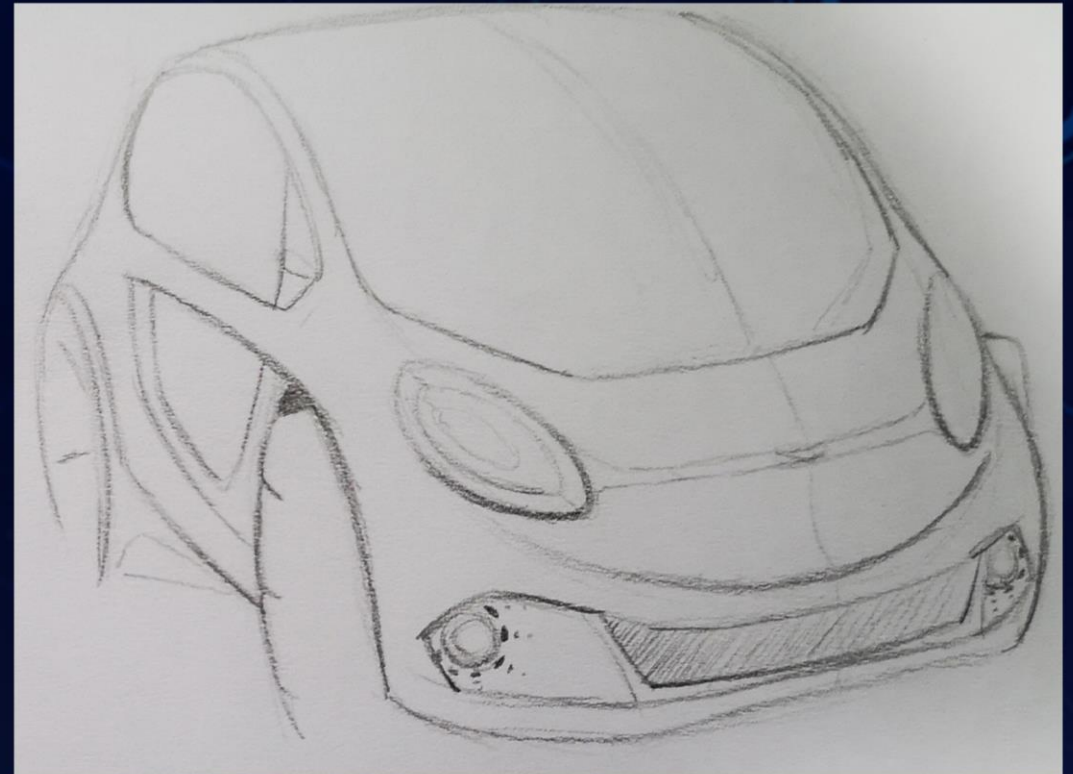
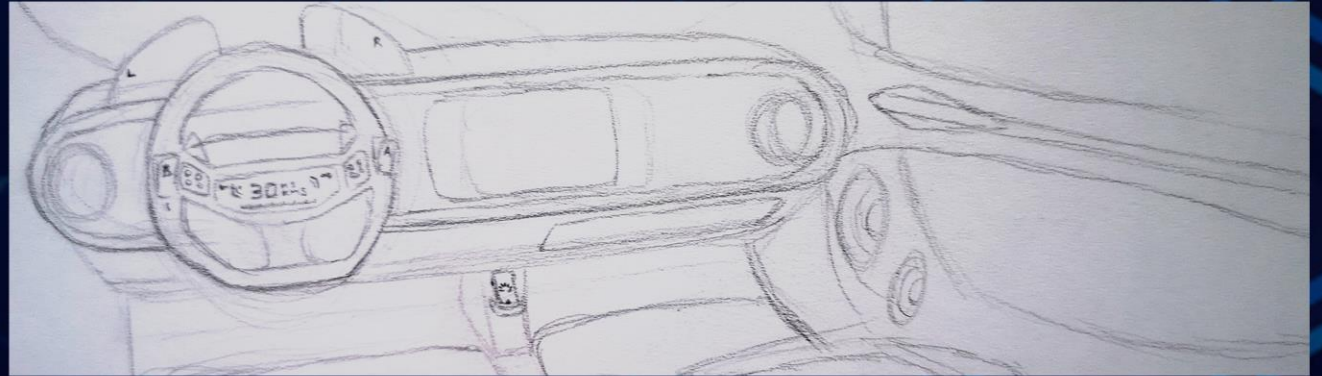
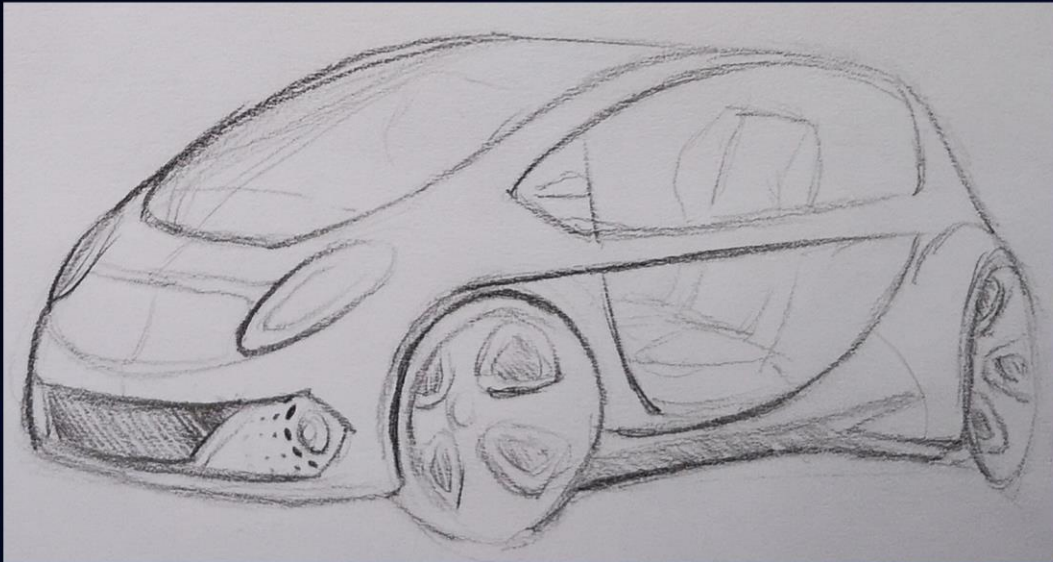
eVANgo



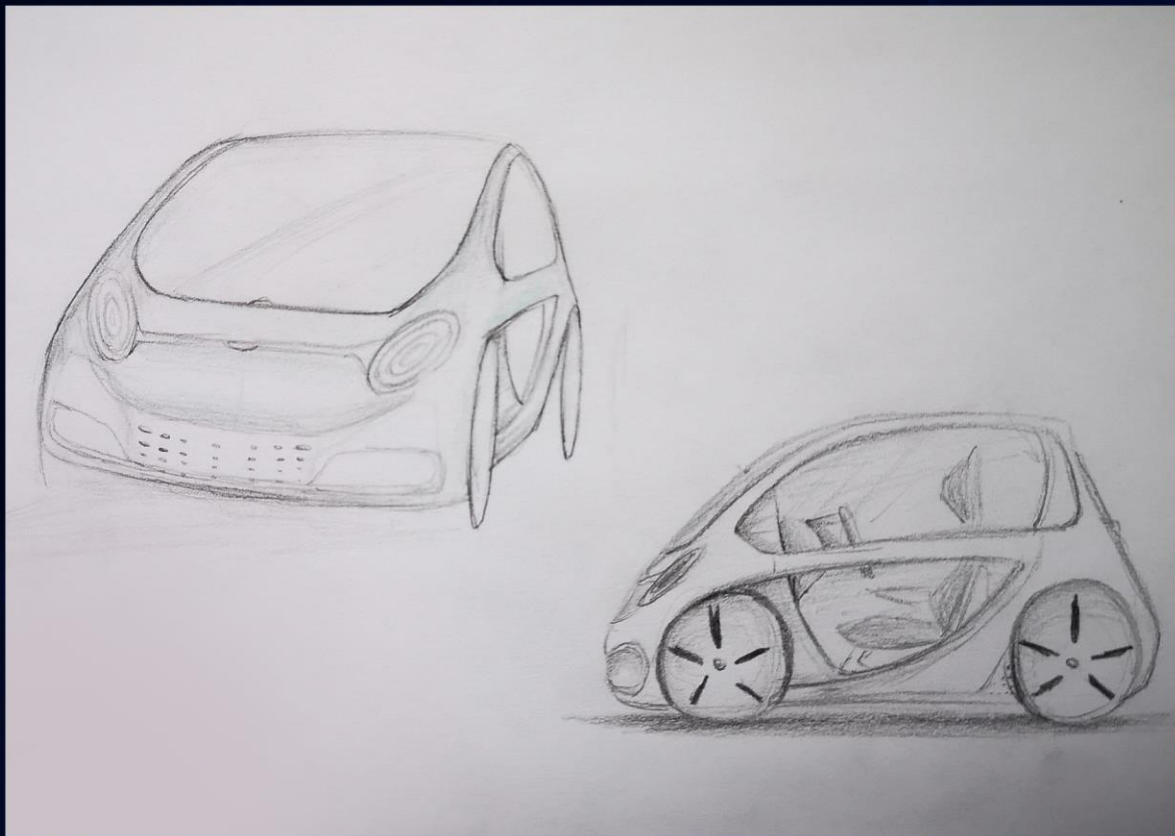
For this project I decided to continue my pandemic car concept I introduced in Changemakers. The eVANgo is a small electric compact car powered by a 6kw electric motor and a 5.5 kWh lithium-ion battery installed under the floor. It has a top speed of 50 km/h. The idea was to create a small electric city car for simple every day needs which keeps us safe from any illnesses and does not pollute the environment.

Simple – Positive – Safe

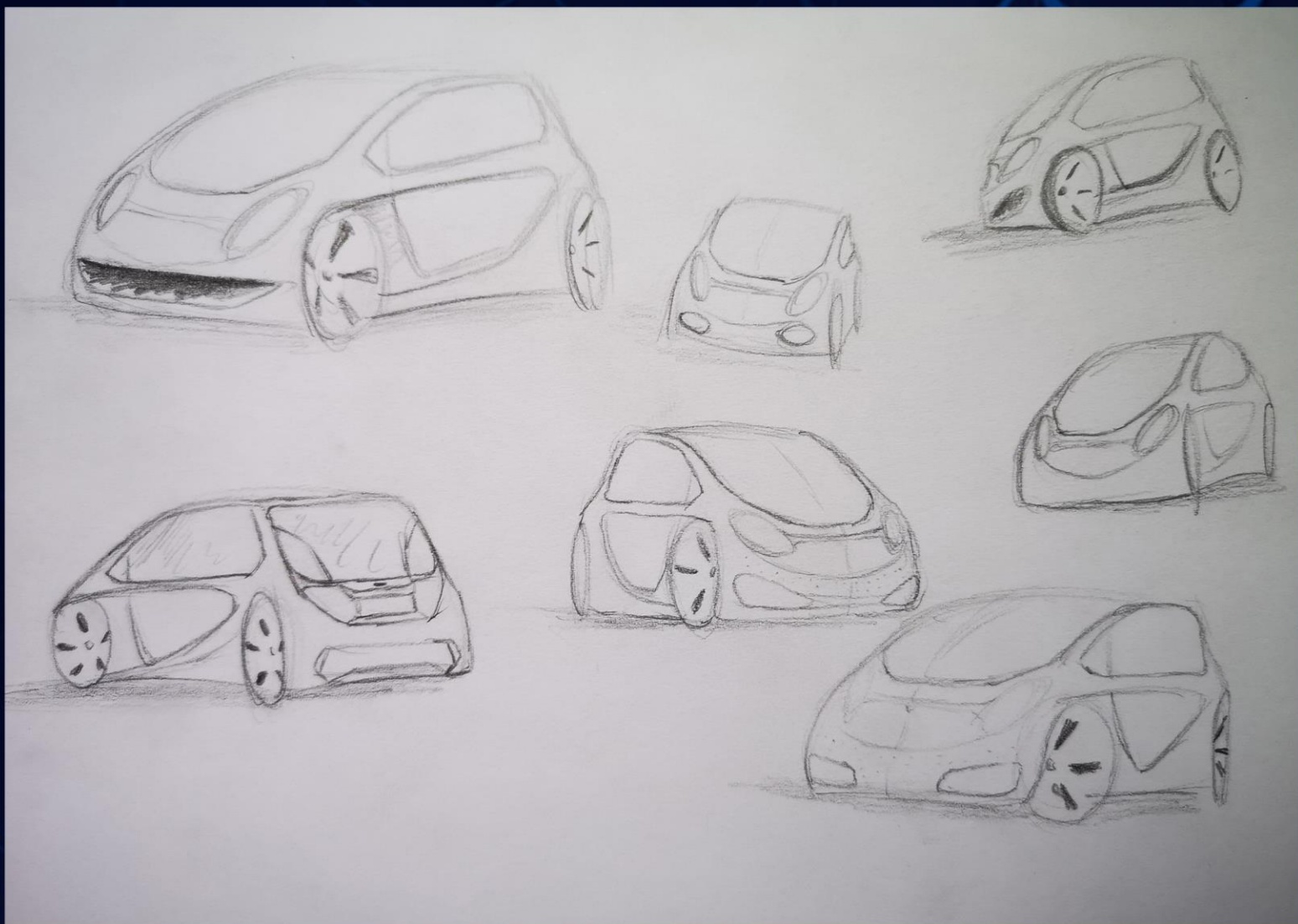
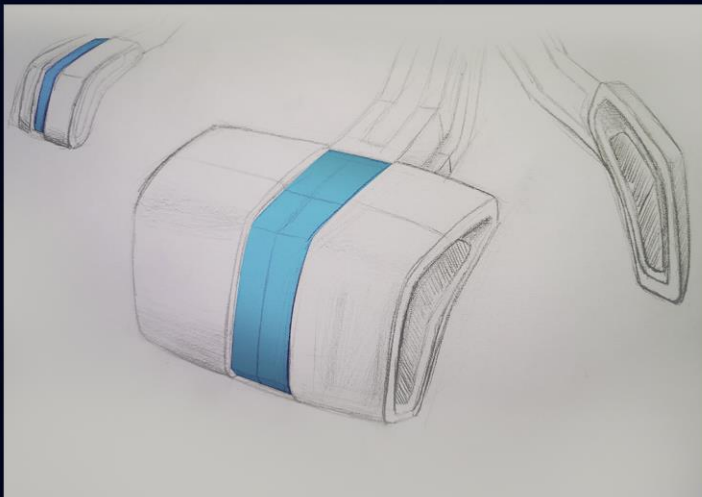




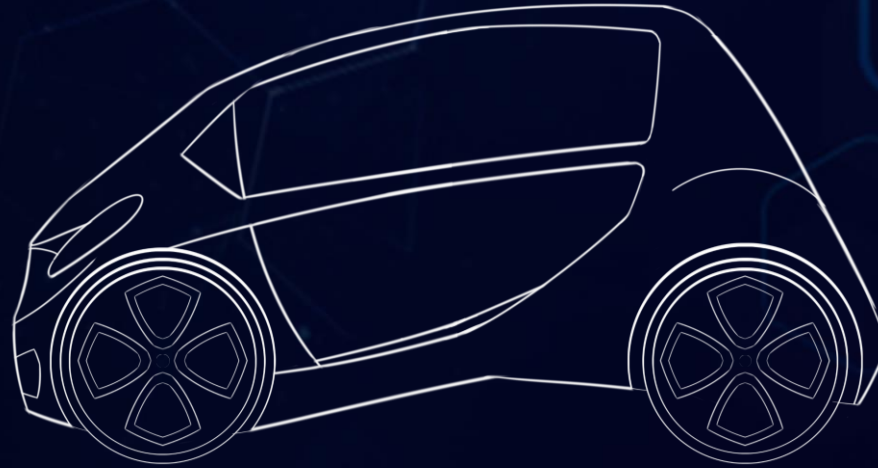
Original
Sketches



Original
Sketches



Simple - Positive - Safe



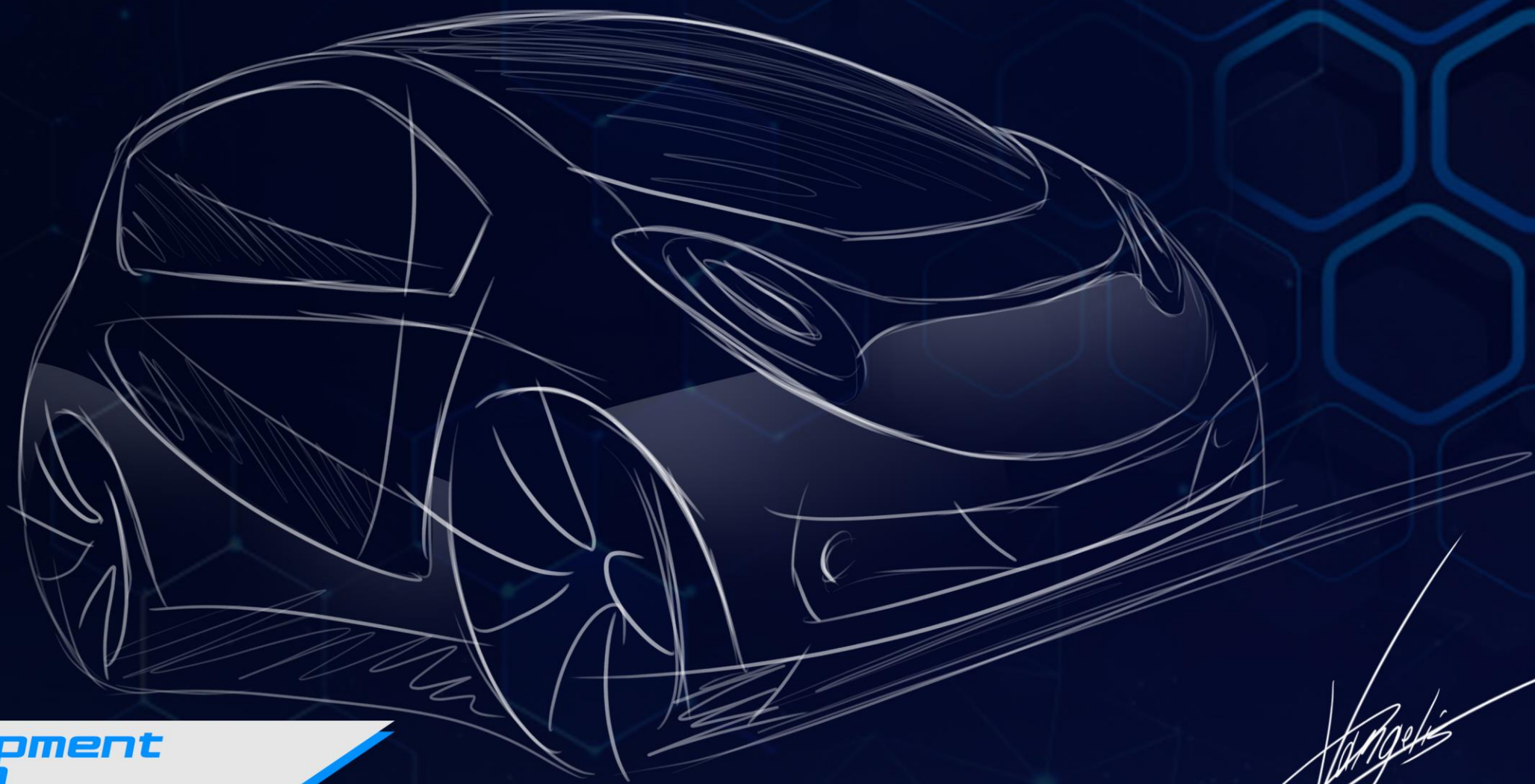
I wanted to design a car that is simple, small, easy to drive and safe. The design itself is meant to promote positivity as the headlights and the front bumper form a smiling face. The large windows and overall open design assist in easy parking. I chose the colors white, and bright blue as the main vehicle color choice in order stand out from other vehicles. A blue light bar connecting the headlights is used as an indicator light.



Development
Sketches

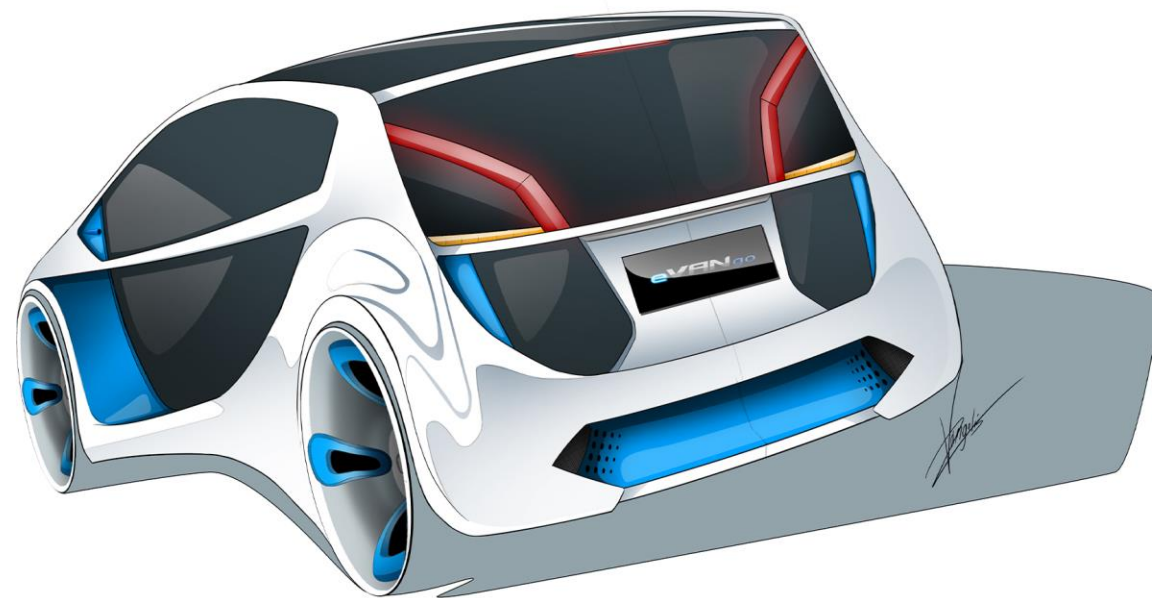
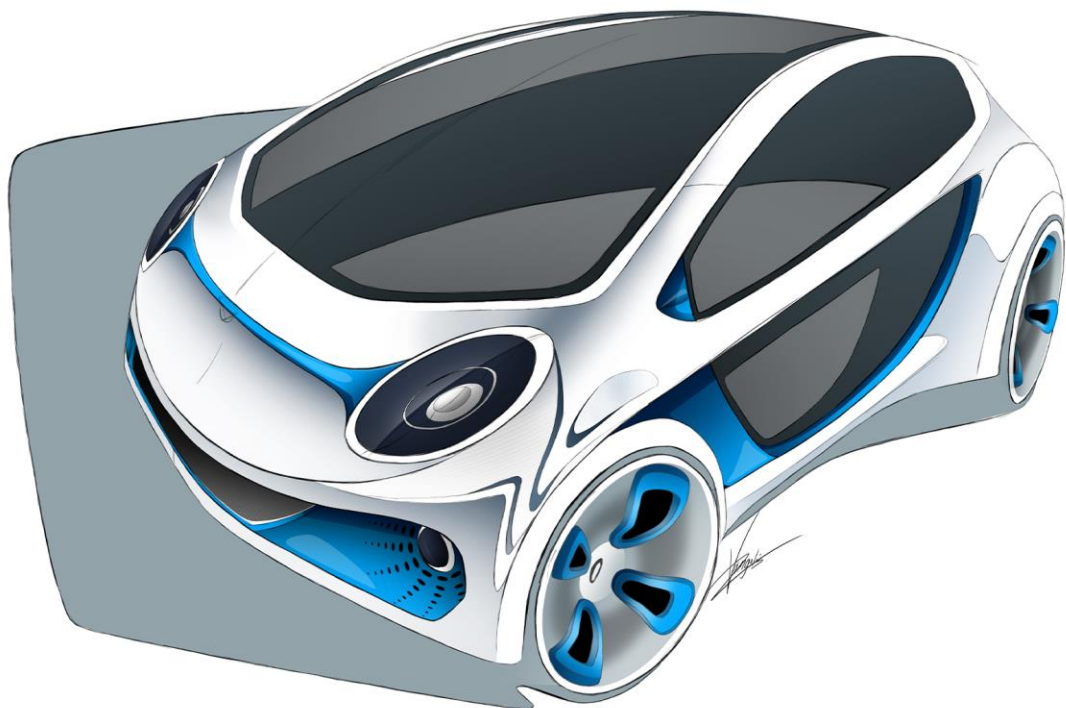


**Development
Sketches**



Development
Sketch

Handwritten signature



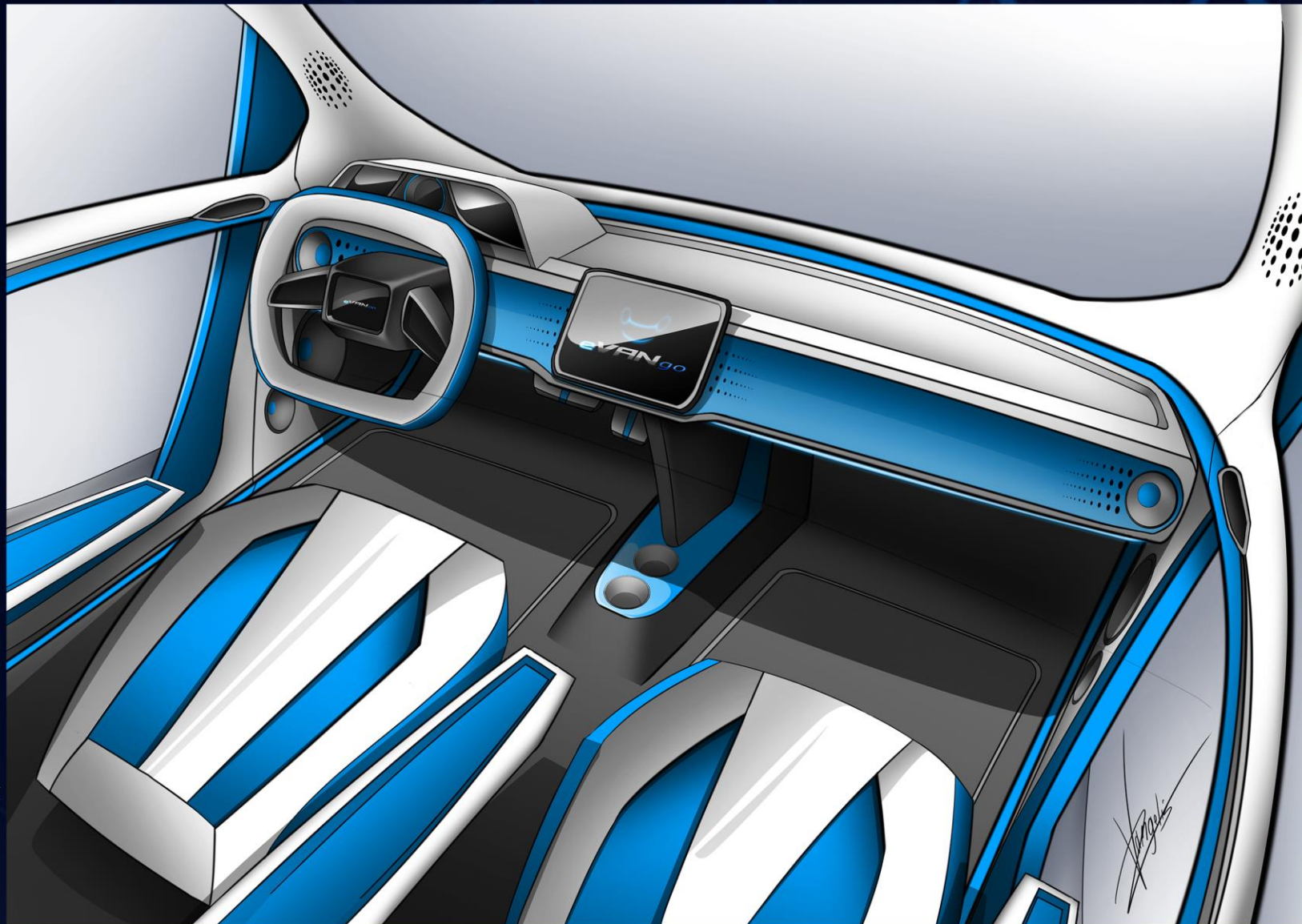
Original
Renders

Safety

- The eVANgo is equipped with the latest innovative mechanisms which ensure the occupants health safety and comfort.
- The car is installed with exterior sensors which can detect any pedestrians in front of the vehicle. If at some point a pedestrian walks out on the road, the eVANgo's sensors will detect the movement and automatically apply the brakes.
- The eVANgo includes rear view mirror cameras which the driver can view from the dashboard display.
- The dashboard also projects a digital hud display on the windscreen of the vehicle.



Interior
Renders



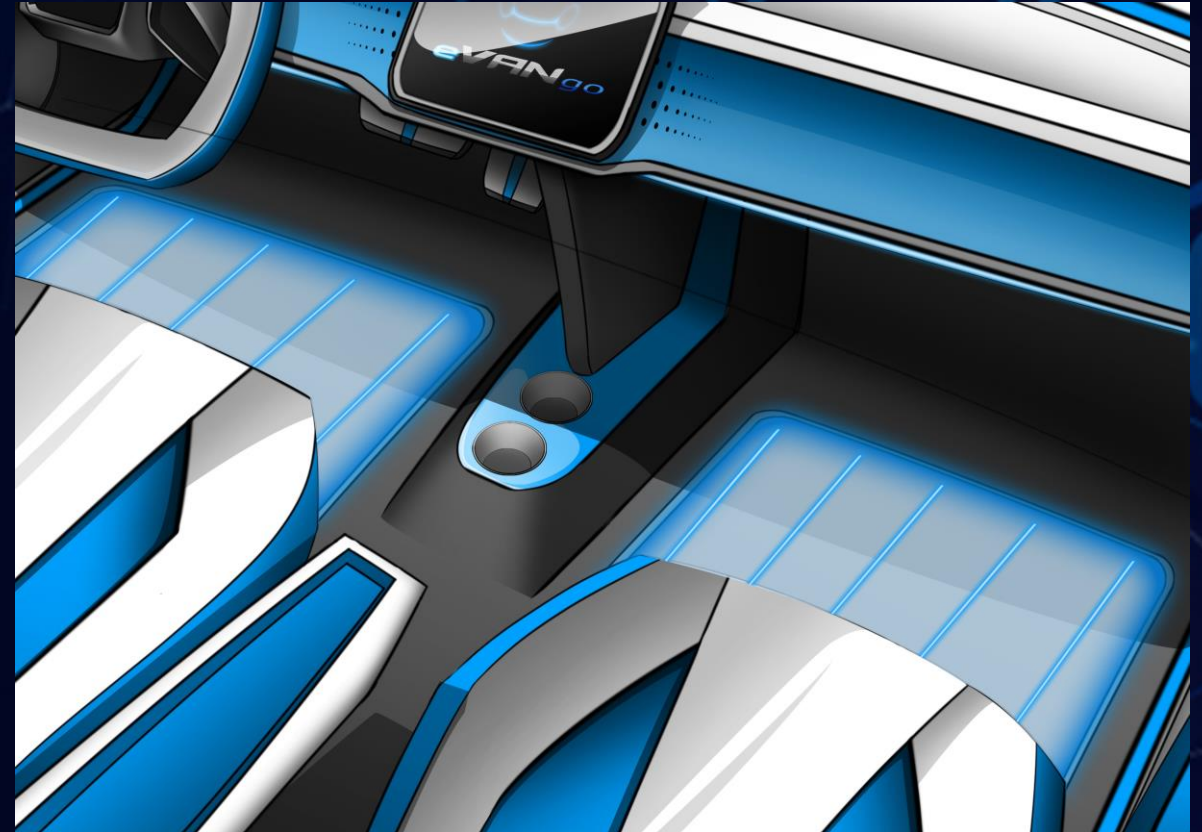


Seats can be easily removable in order to accommodate wheelchairs



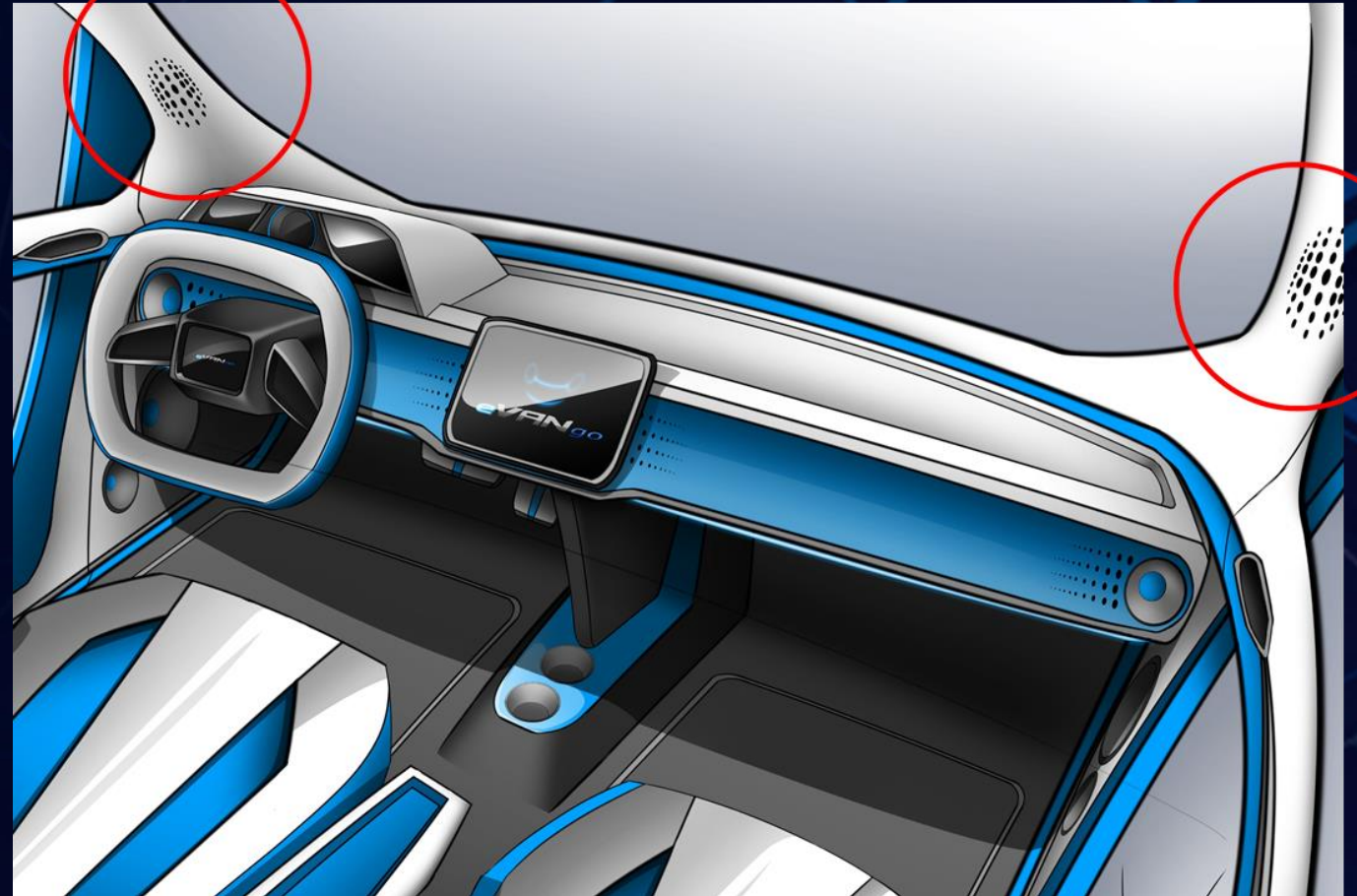
UV Sterilized LED'S

- The interior of the vehicle includes four sets of UV sterilized LED's. (Two on the floor -Two underneath the dashboard for both occupants of the vehicle)
- Ultraviolet (UV) light has been used for many years in industry and in health and hygiene regimes.
- LED light can kill bacteria, fungus and mold.
- Considering that the parts of our bodies which carry the most bacteria during the day are our hands and feet, it was essential to install UV LED's on the floor and the dashboard in order to take care of any bacteria remaining on our hands and shoes.



Ozone Generator

- The eVANgo is also equipped with an ozone generator which is controllable from the driver via an app while outside the vehicle.
- The generator is designed to disinfect and eliminate odors naturally, quickly and efficiently in the interior of the vehicle without labor, nor transport or handle chemicals.
- The sterilization of the vehicle from the Ozon generator takes up to 2 minutes





eVANgo Connect

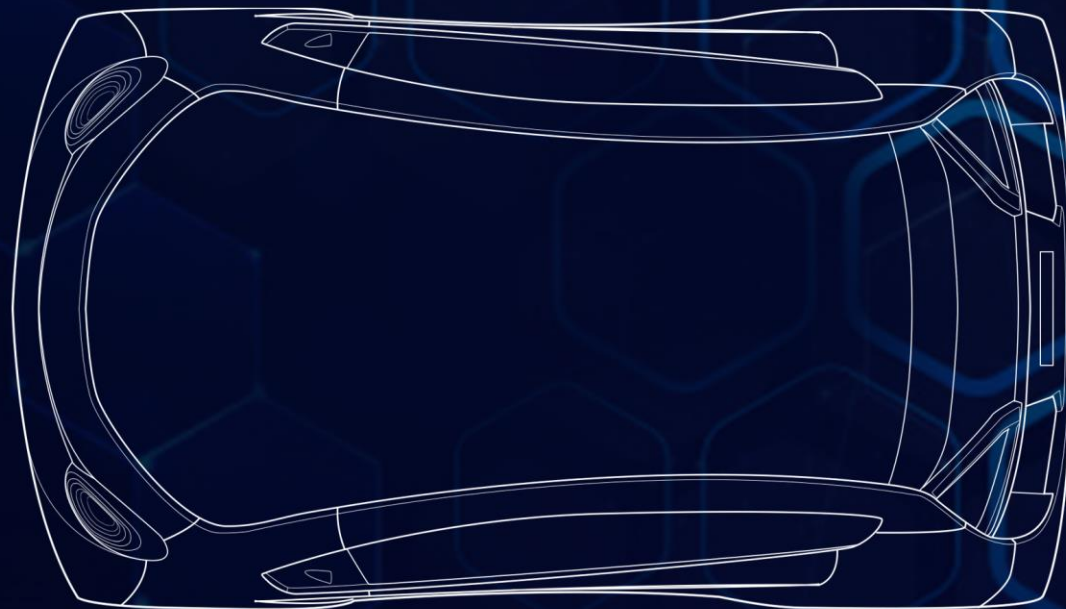
- eVANgo Connect is a downloadable application (available on every device) which connects your phone to your car.
- The app gives you the ability to personalize your vehicle, gives you access to different vehicle settings and activates your personal voice commanded AI assistant.
- Your AI assistant can assist you in finding the best routes to your destination, inform you about the weather forecast, alert you of high-risk areas and browse the internet for information which you request.

What can eVANgo Connect do?

eVANgo Connect can:

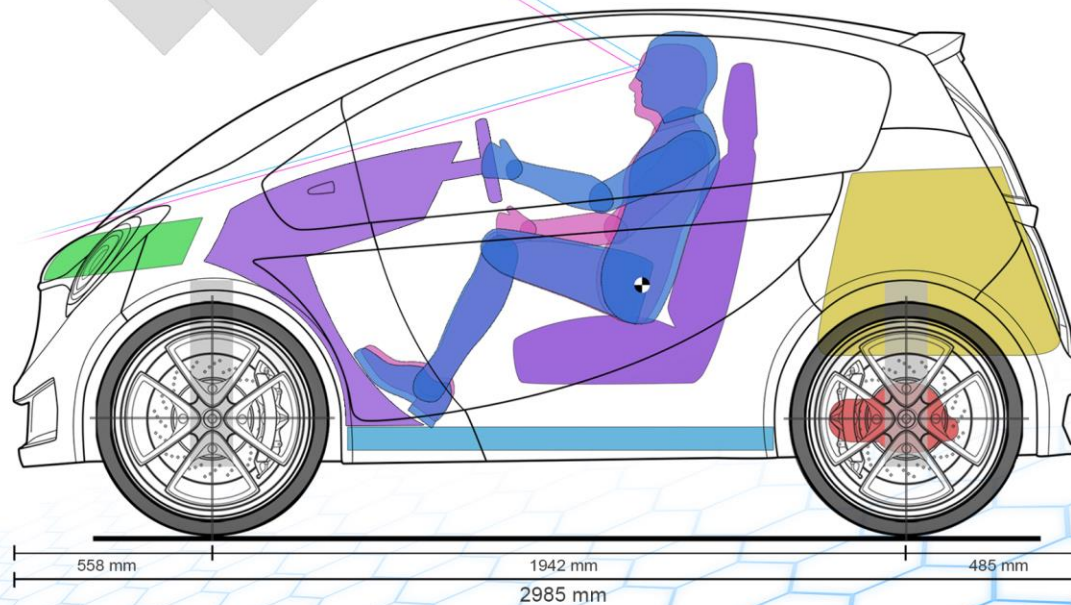
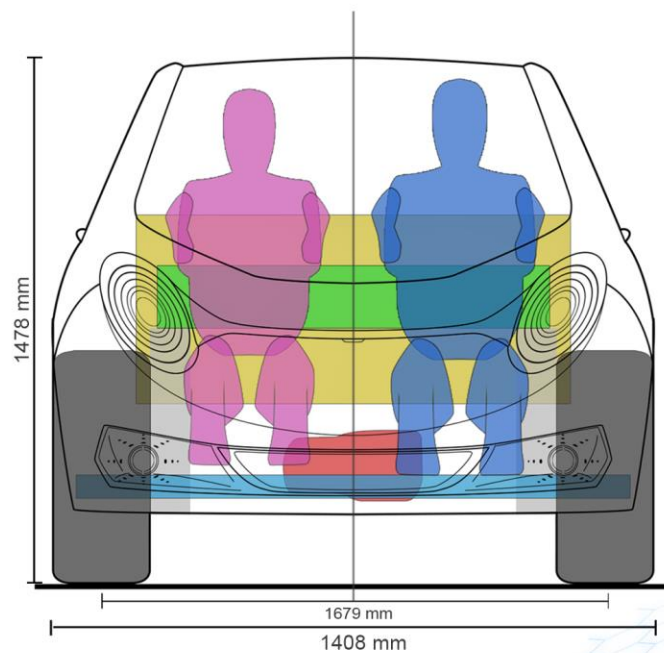
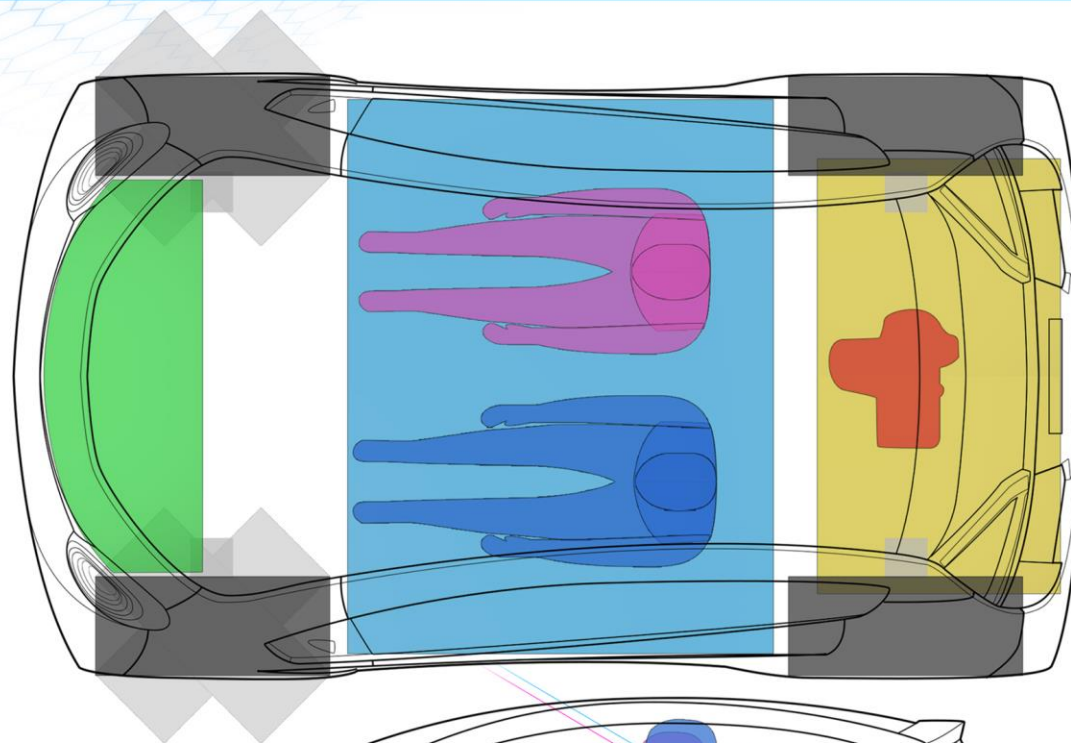
- Play music from your phone's music library
- Customize your digital display
- Control the sterilization of your vehicle
- Inform you about the weather forecast
- Track your vehicle
- GPS
- Inform you about the safety of the area you are entering
- Browse the internet



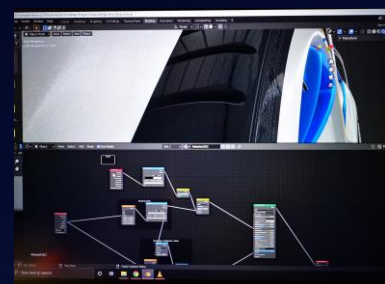
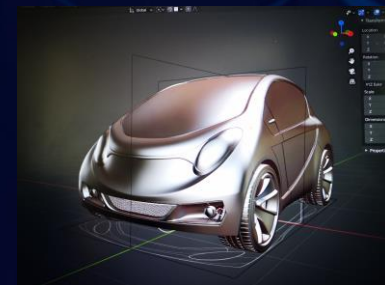
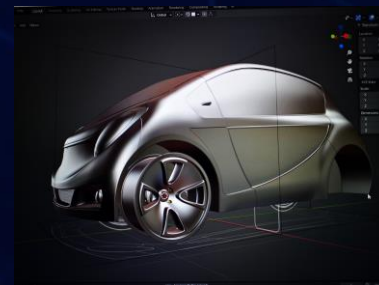
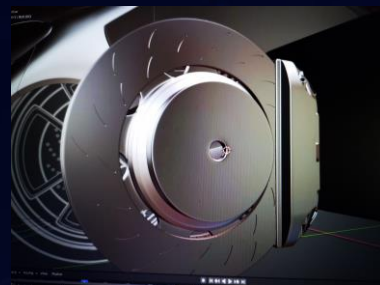
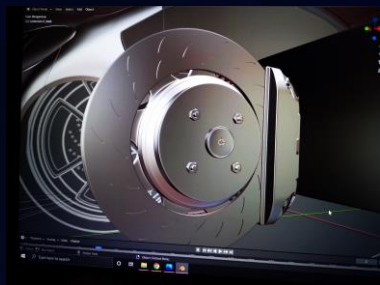


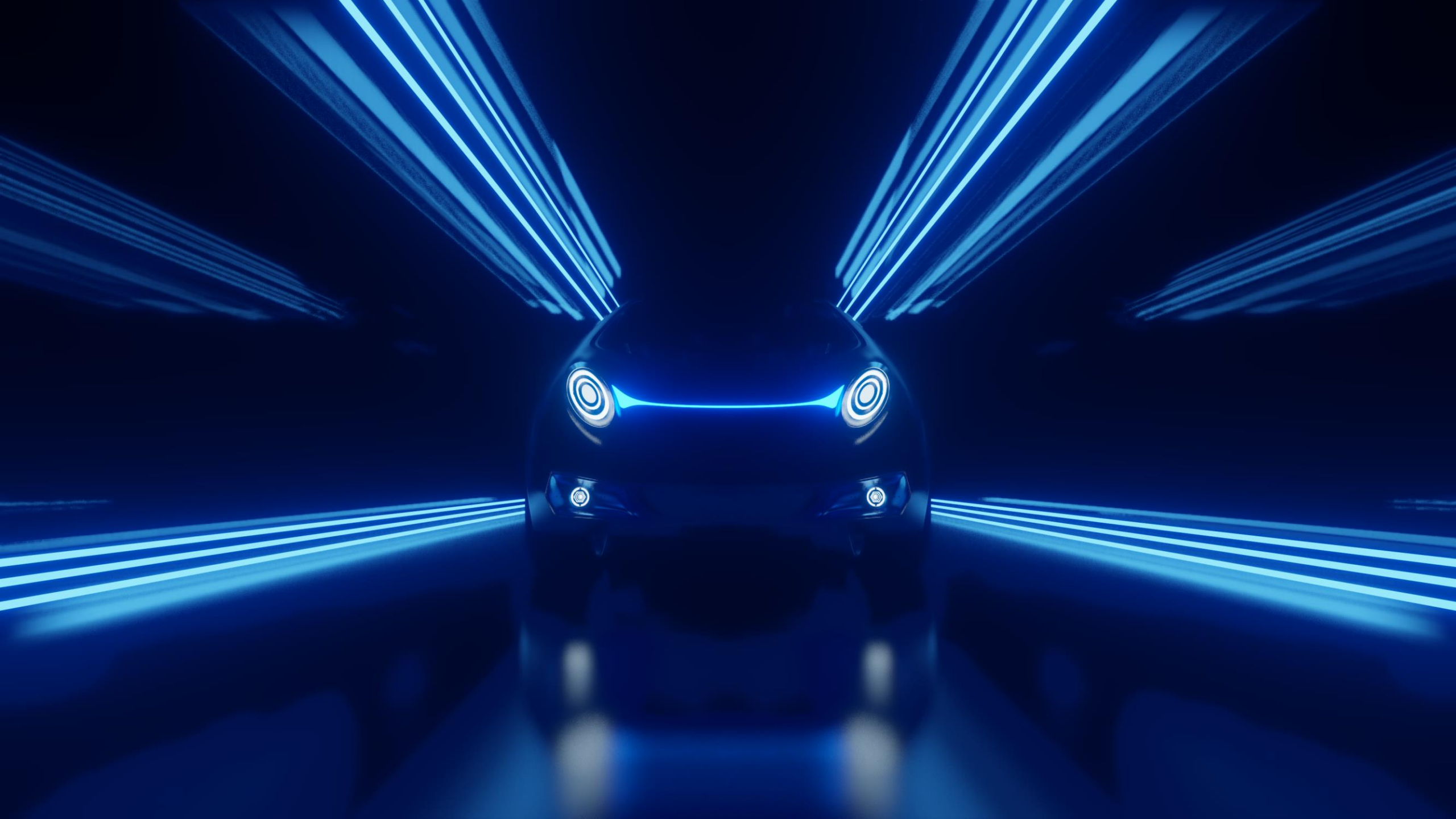
1/16 Scale

- Male Ergo
- Female Ergo
- Electric Motor
- Battery
- Charger
- Tyre
- Suspension
- Luggage





















Front ¾ View

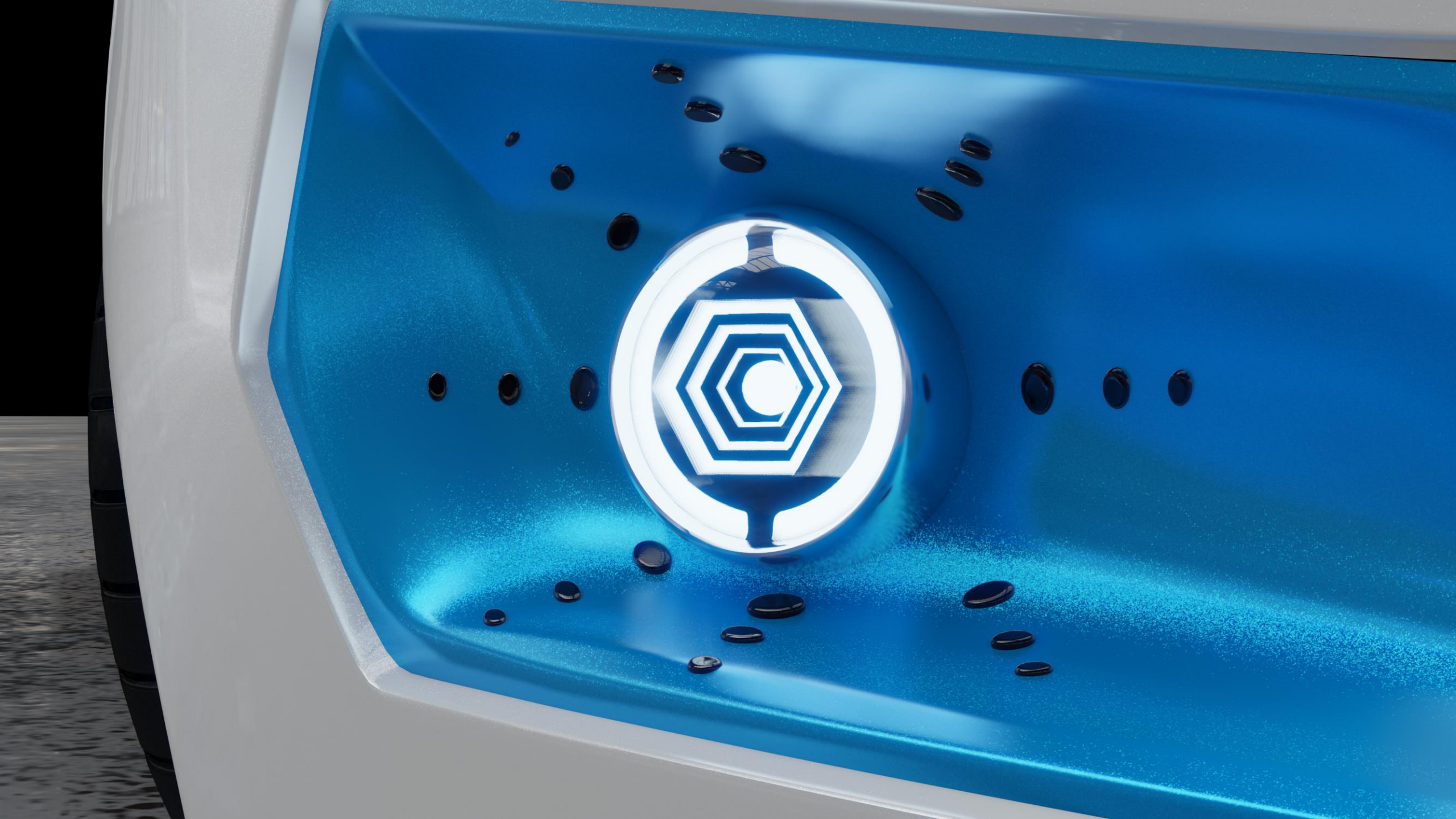


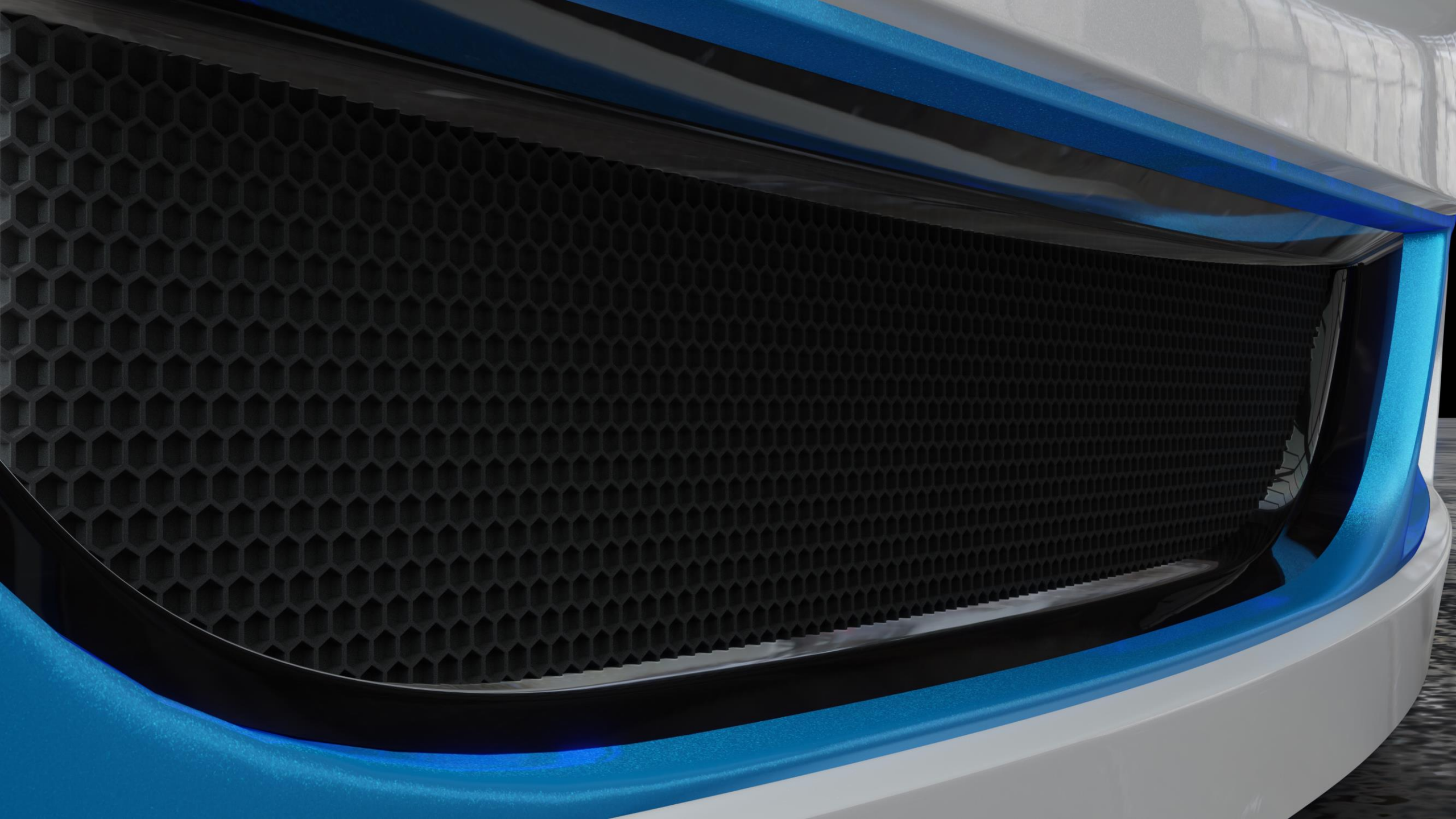
Rear ¾ View

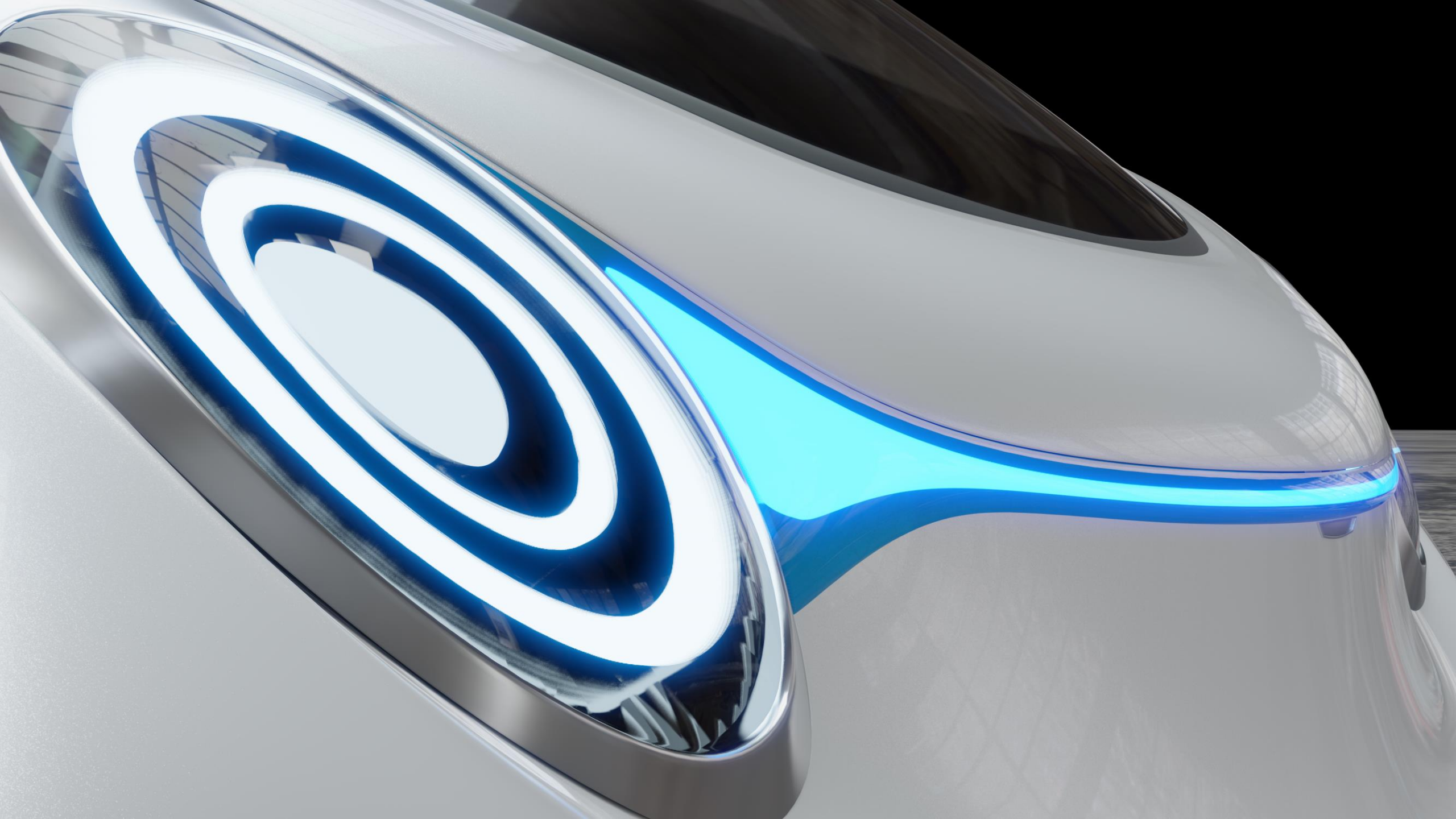


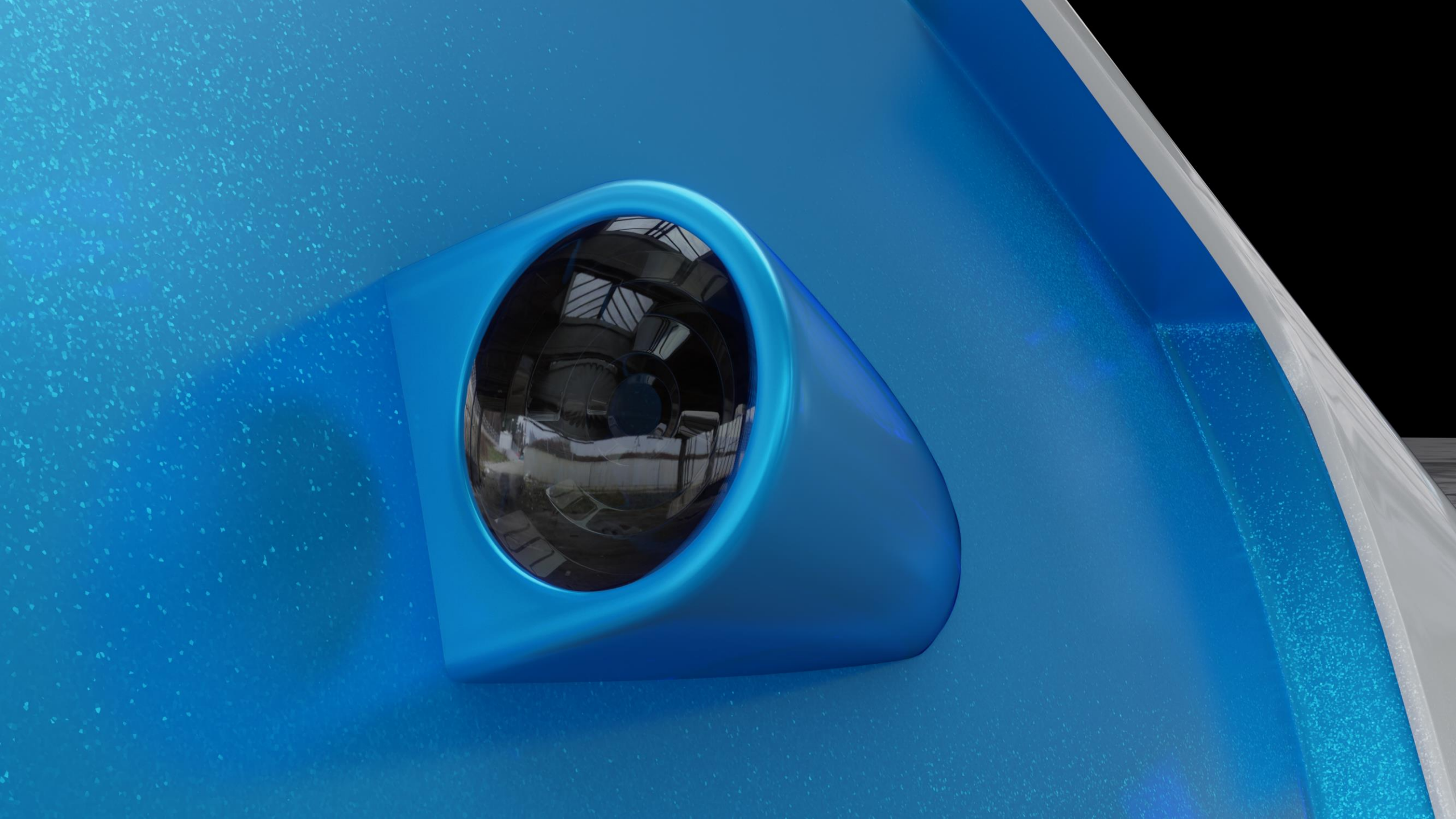


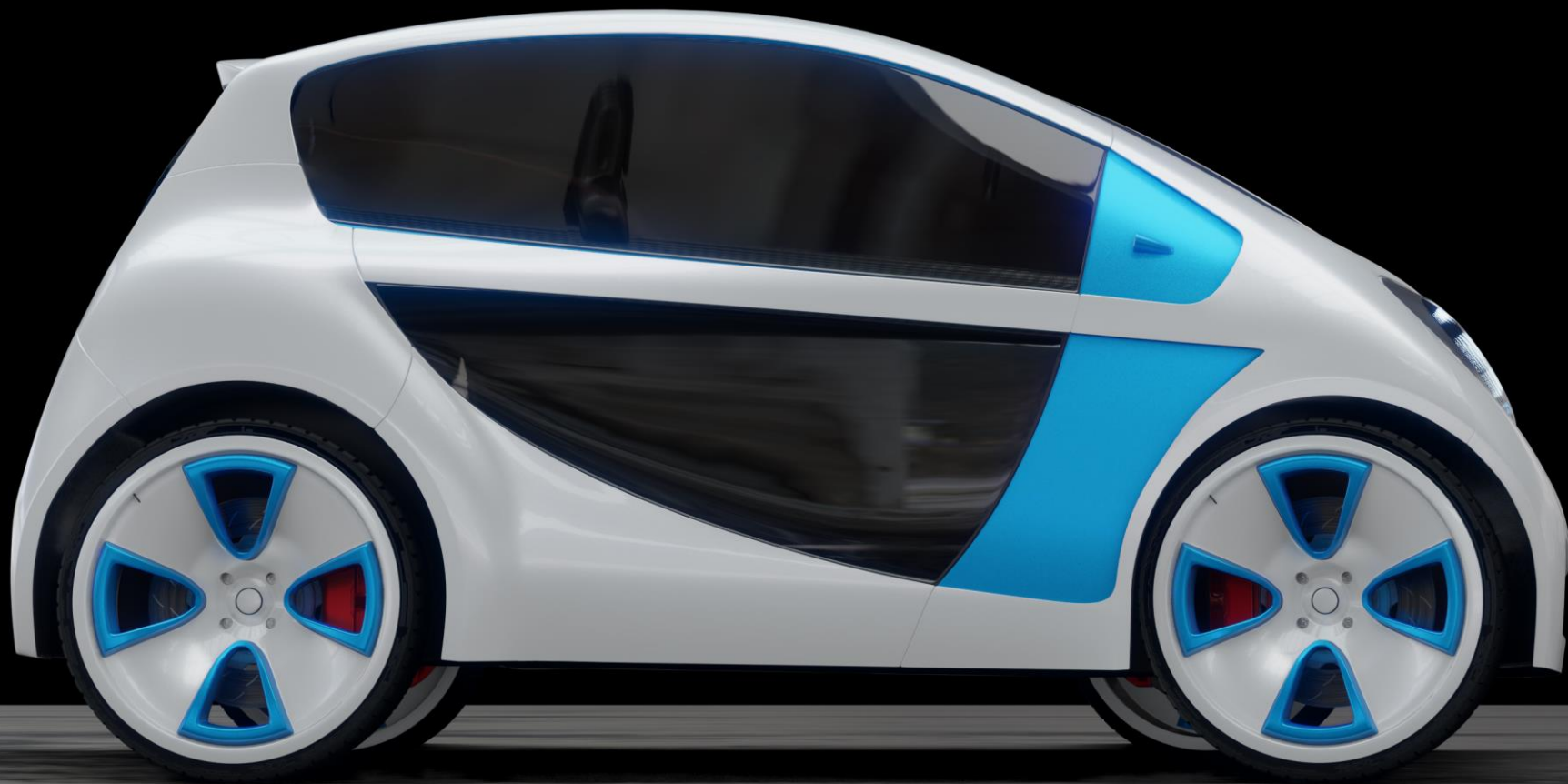


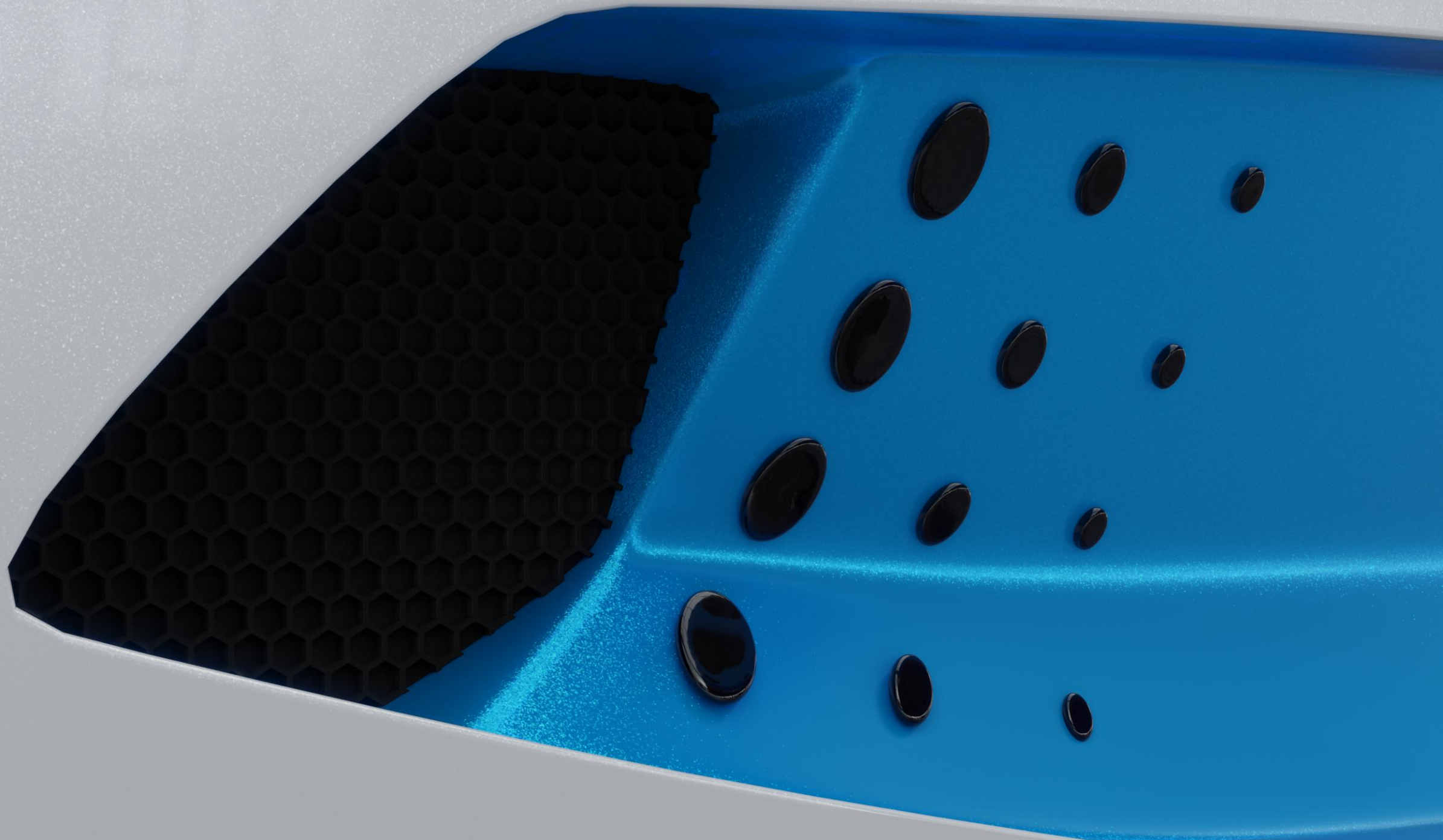


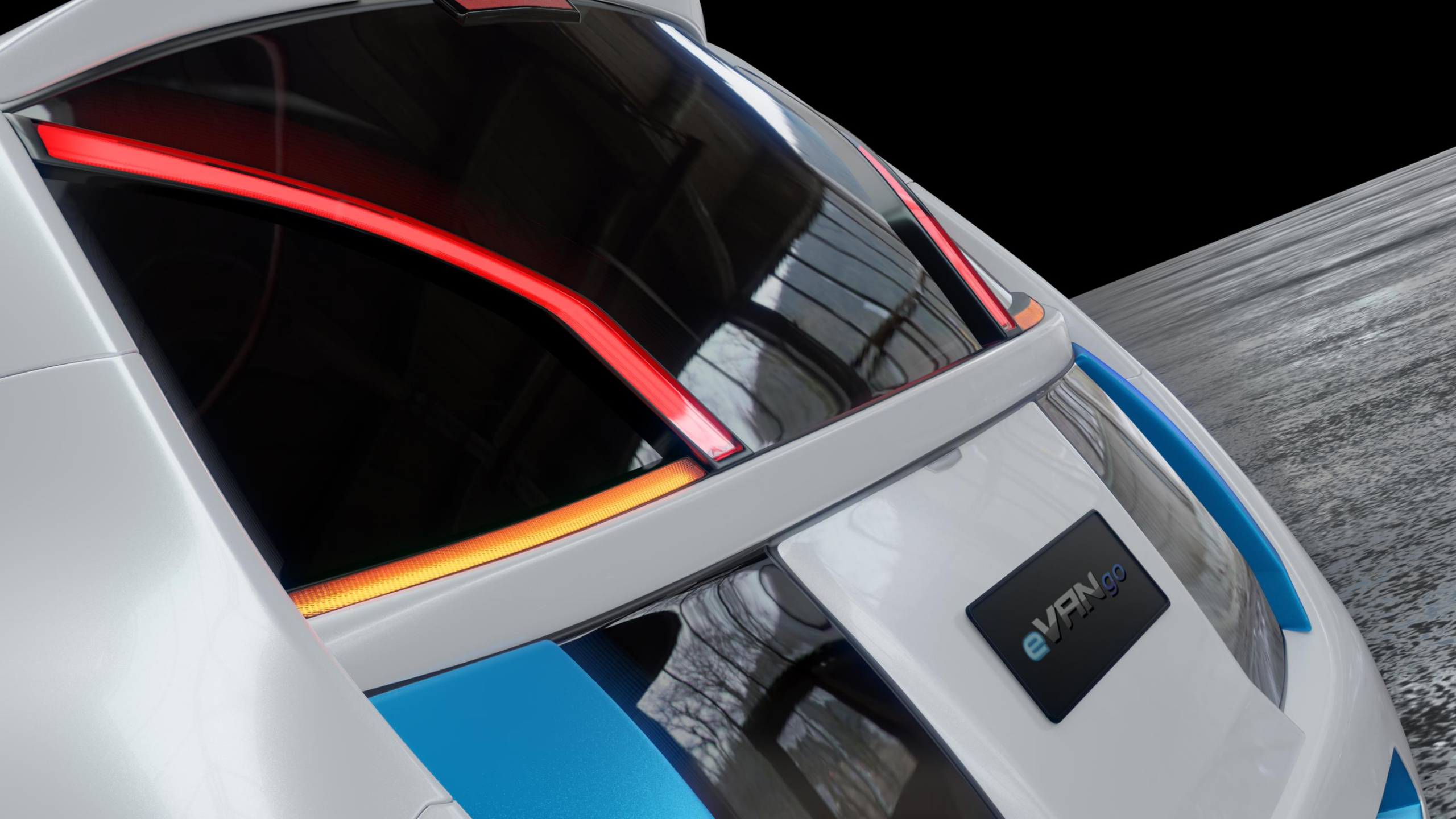








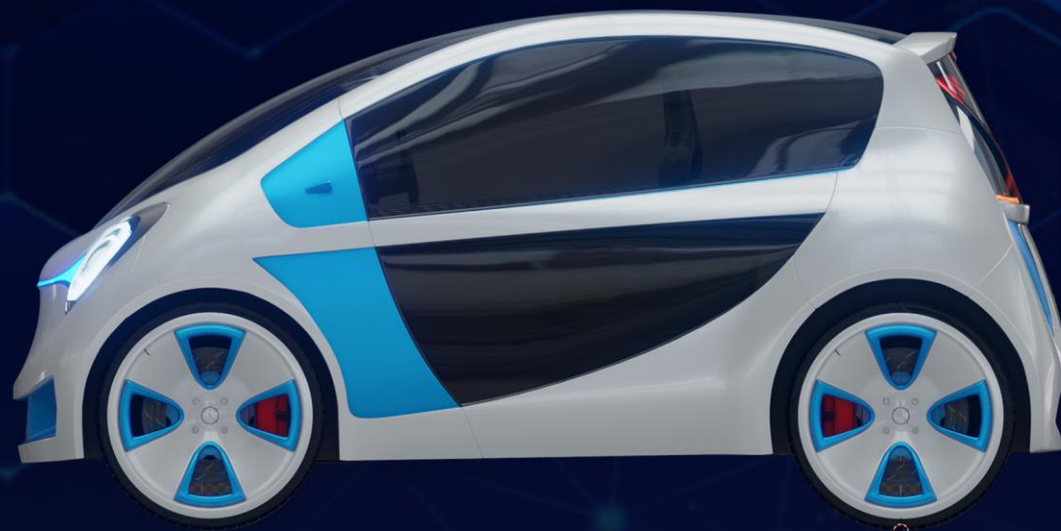




eVANGO



















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