



LEMMOROCKET

Interior Project

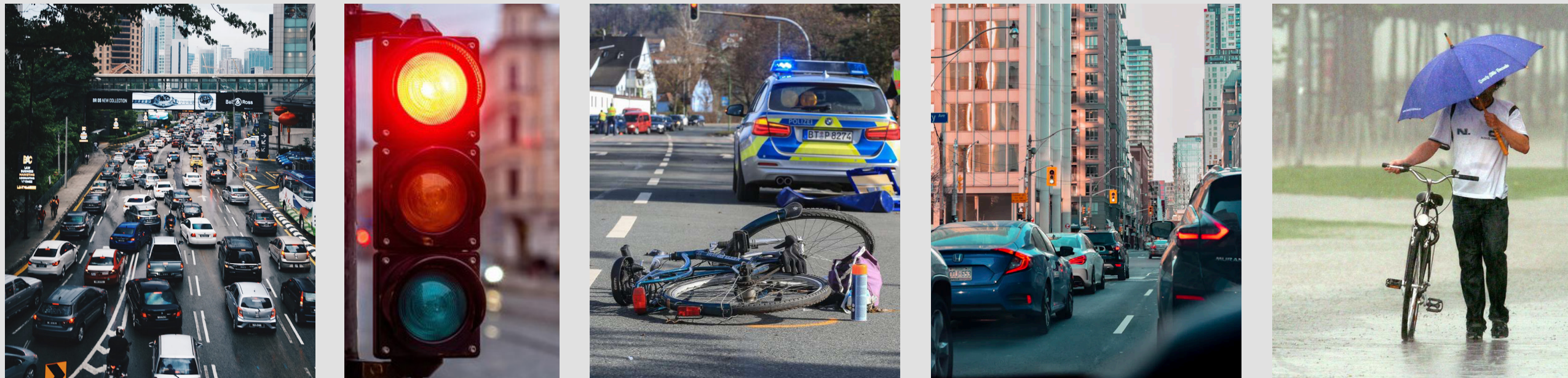
Cooperation with **LEMMO**

Jacob Haß

4th Semester at Hof-university

Design & Mobility

the everyday problems



Traffic = stress / time pressure



...so you have to walk take public transport or take the bicycle but:

no desire to use public transport / carry heavy things/ bad weather conditions/ dangerous situations

/// Persona

Name: Lukas Seidel

Age: 27 years old

Profession: Guitarist

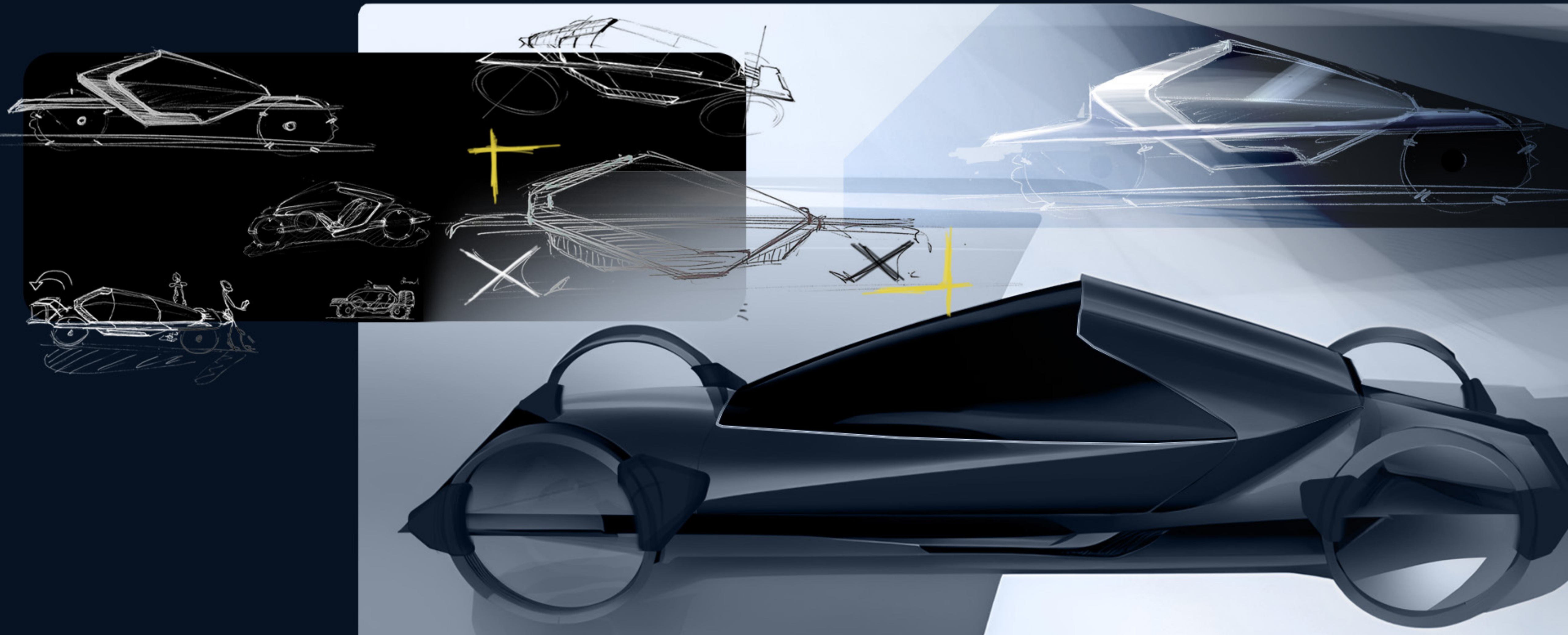
Location: Hamburg

Profile:

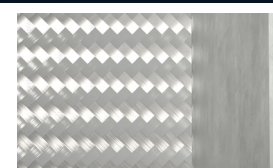
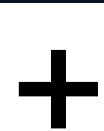
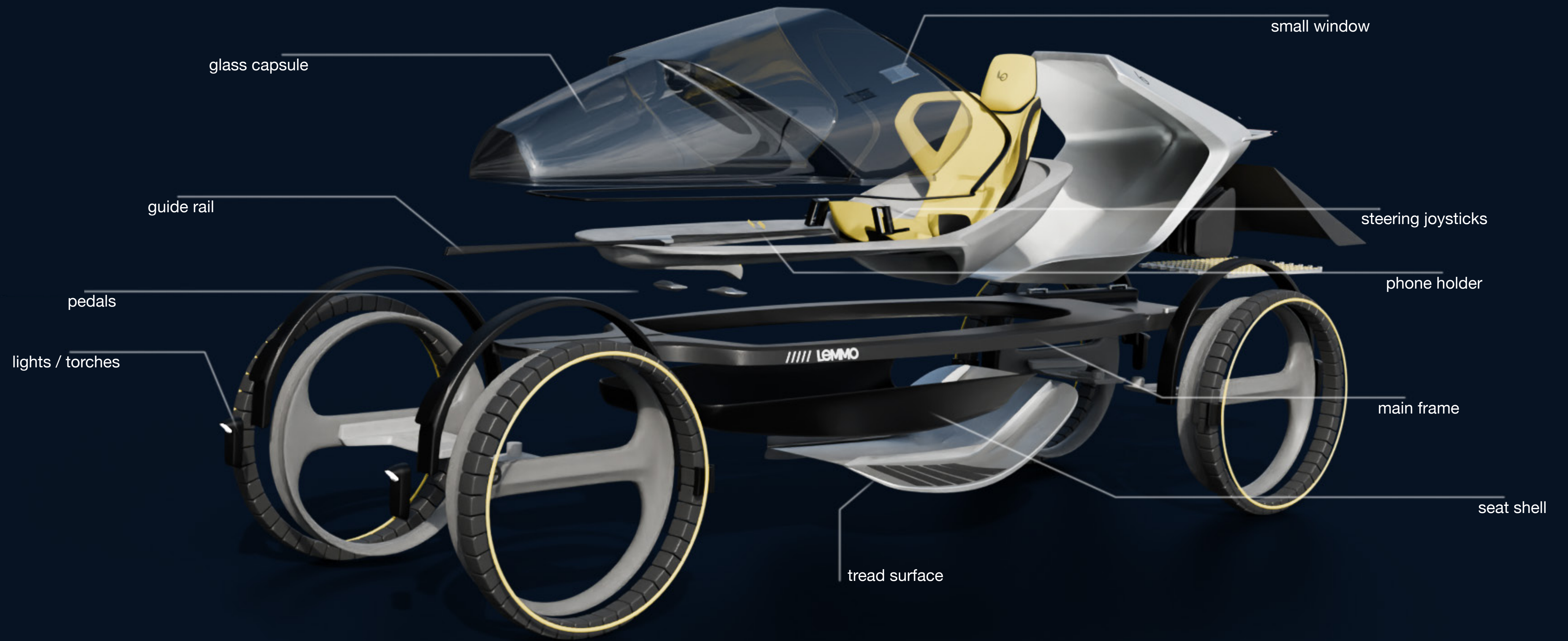
Lukas is a creative, hip guitarist who lives in the big city Hamburg. He has the problem that he has a lot of luggage and has to go to band rehearsals spontaneously. But he doesn't want to get caught up in the city traffic jam.



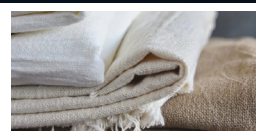




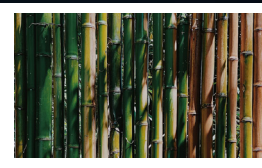
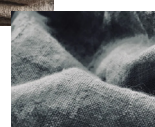




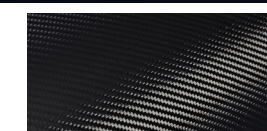
----- recycled Aluminium



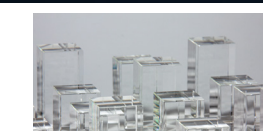
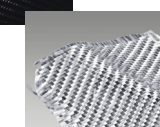
----- coloured linen



----- coloured bamboo

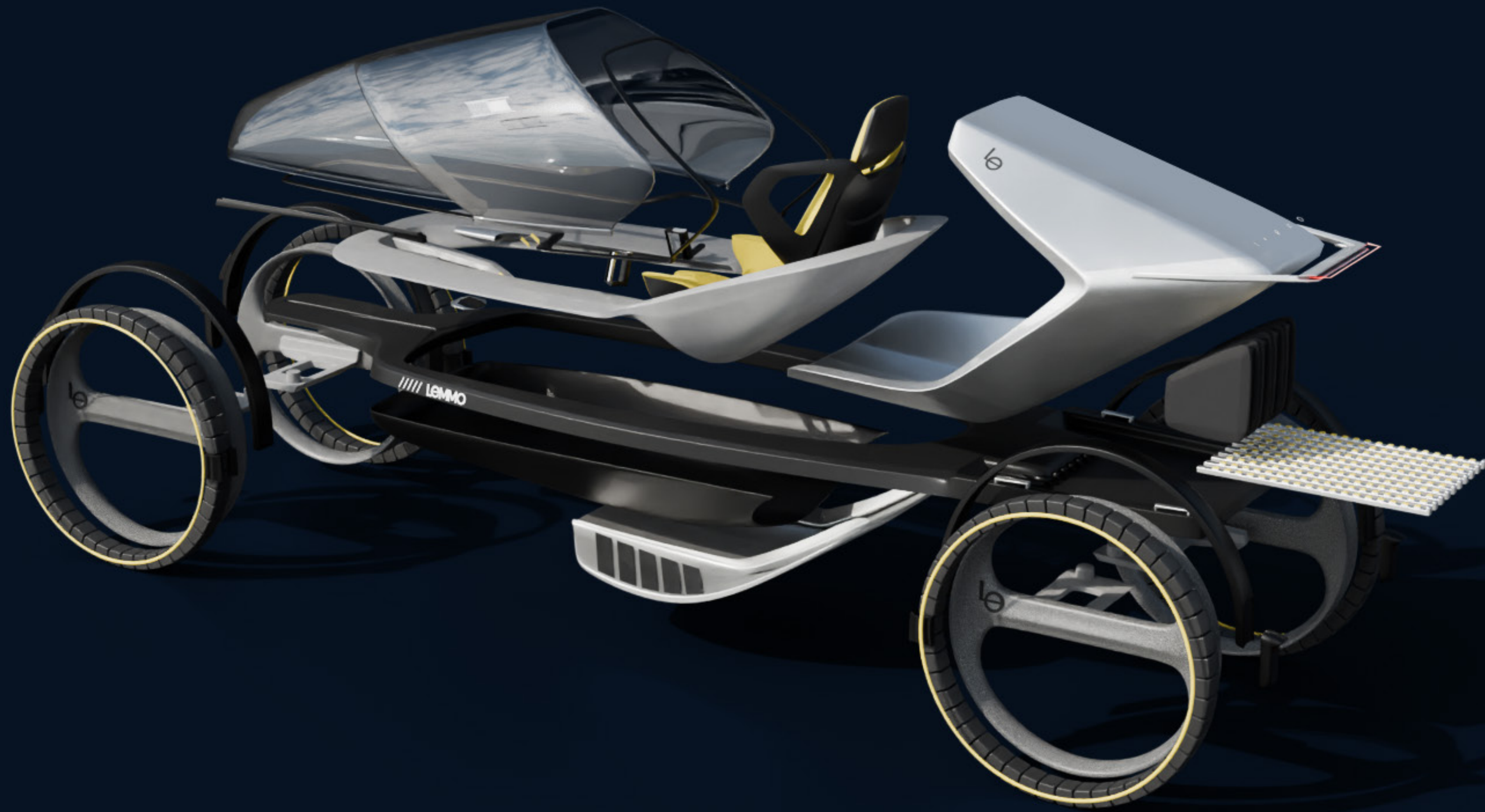


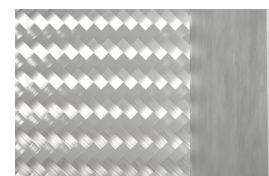
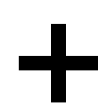
----- fibre-reinforced plastic



----- Plexiglas



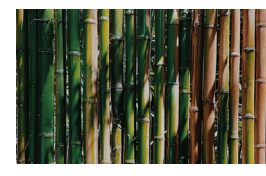




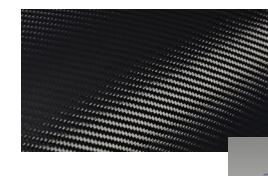
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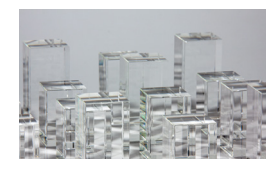
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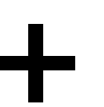
----- coloured bamboo

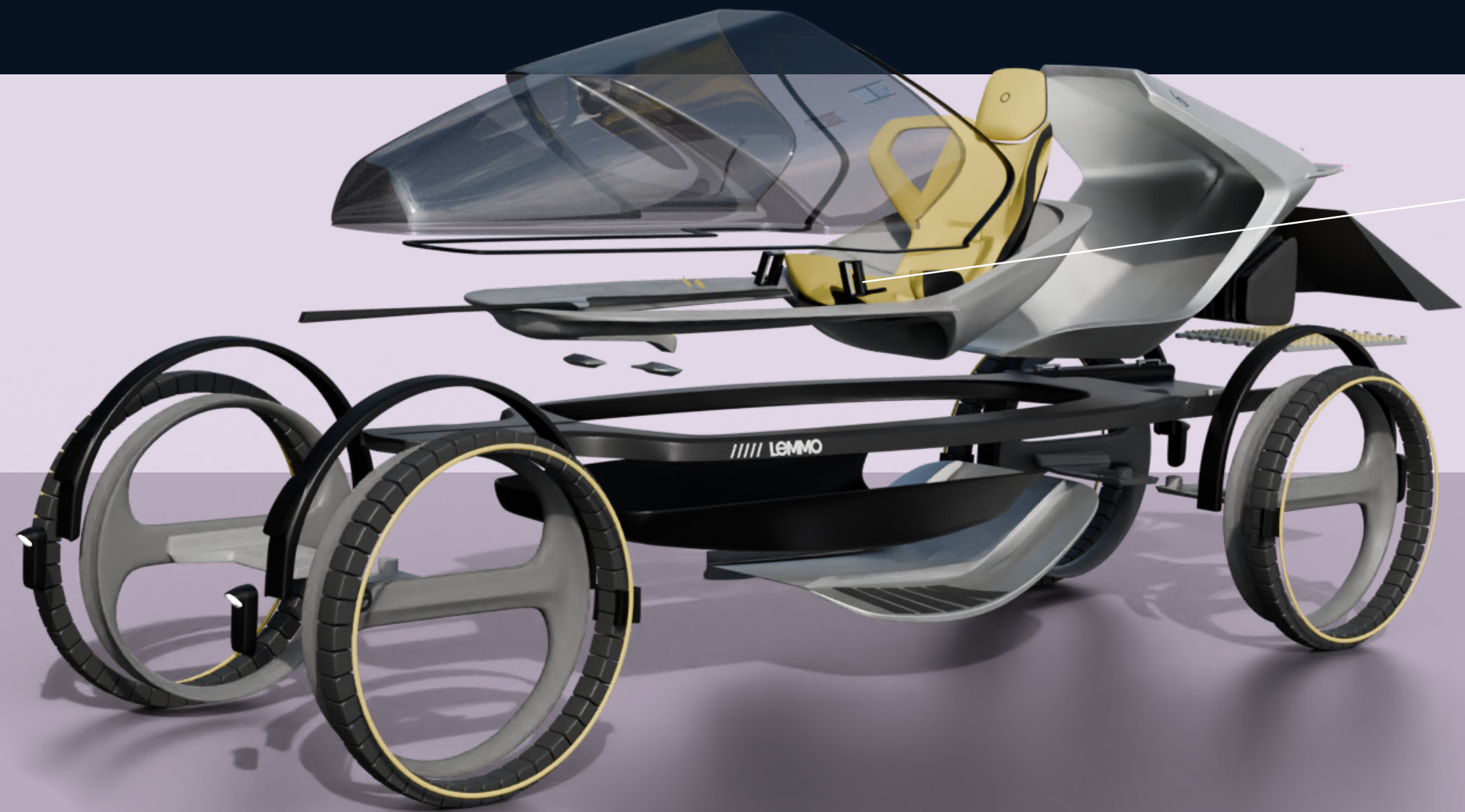


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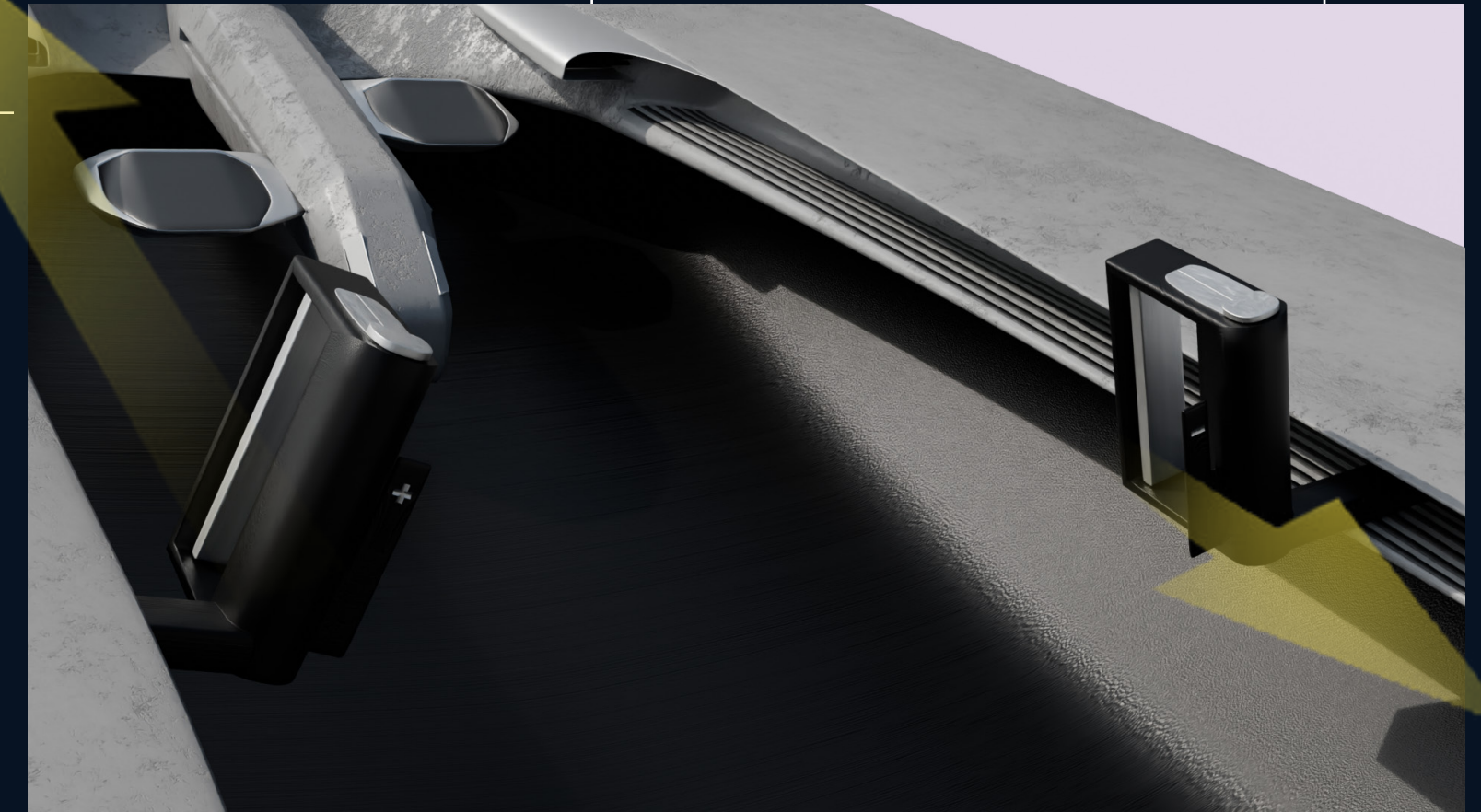


----- Plexiglas



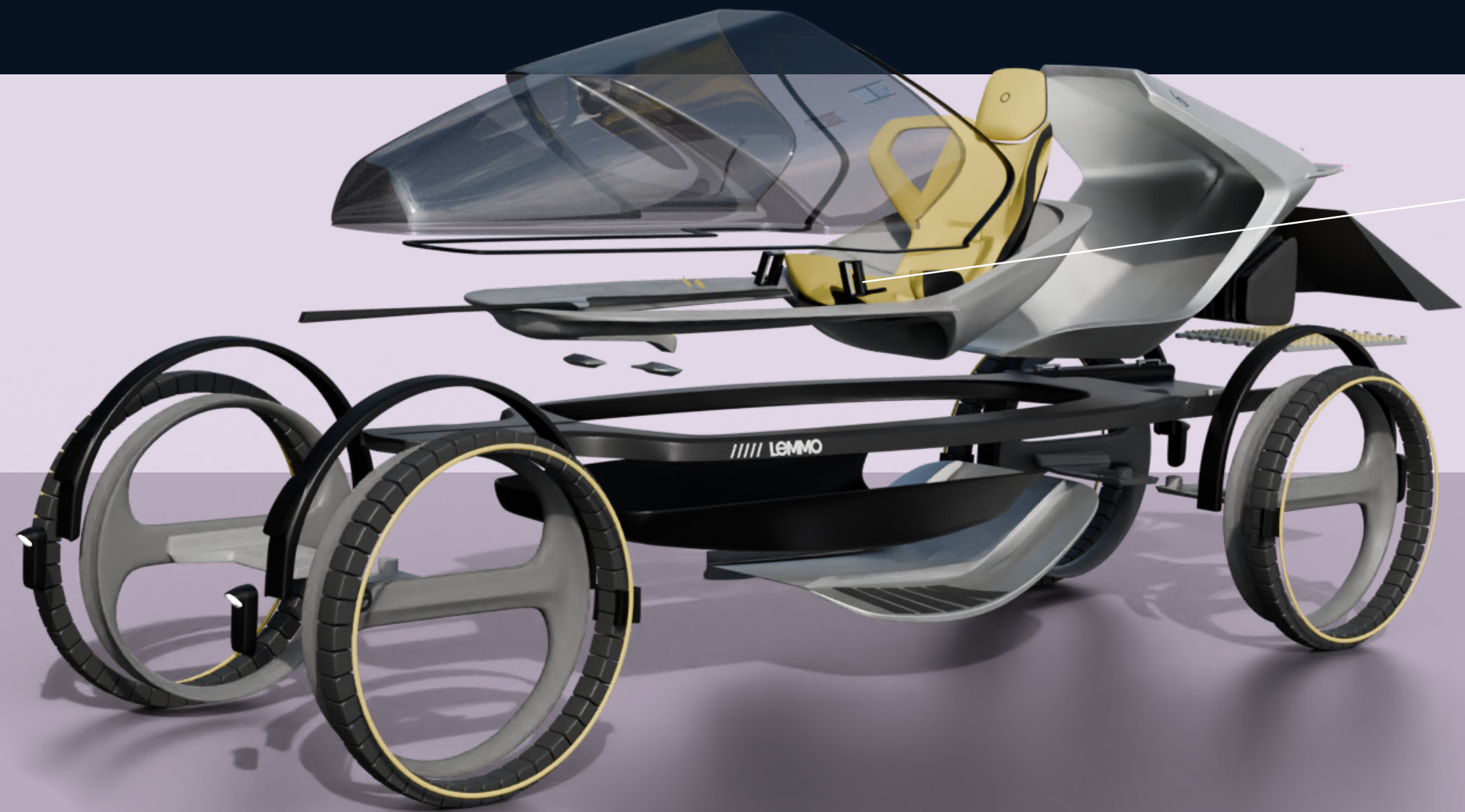


/// steering joysticks



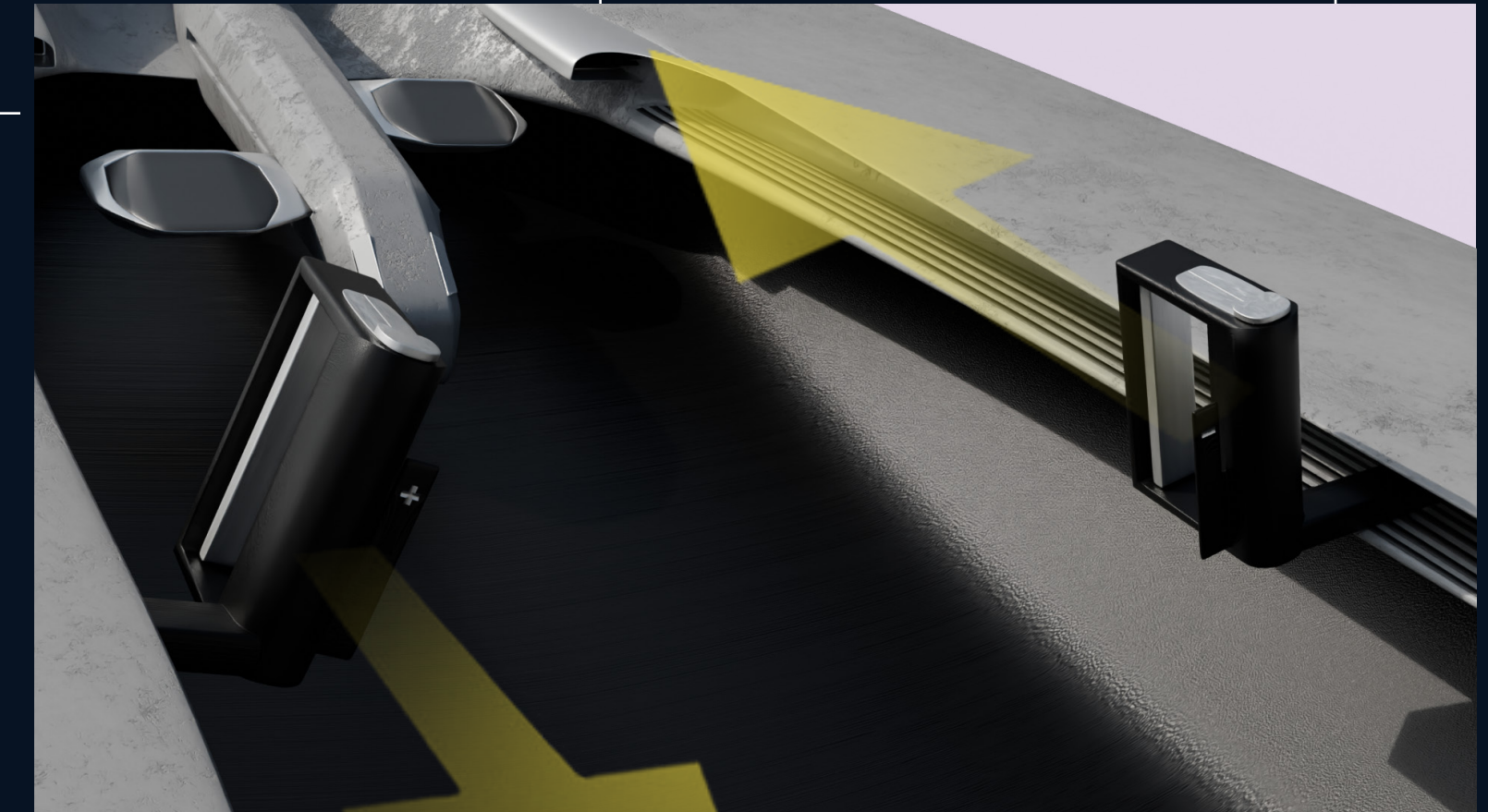
/// right turn

/// The steering joysticks are used intuitively to steer the Lemmo Rocket by moving the right and left arm in opposite directions. There are also brake levers on both sides, just like on a bicycle. Shift paddles for the different gears are located at the position of the respective thumb and there is a control knob on top of the joysticks that can be used to regulate the power of the battery support.

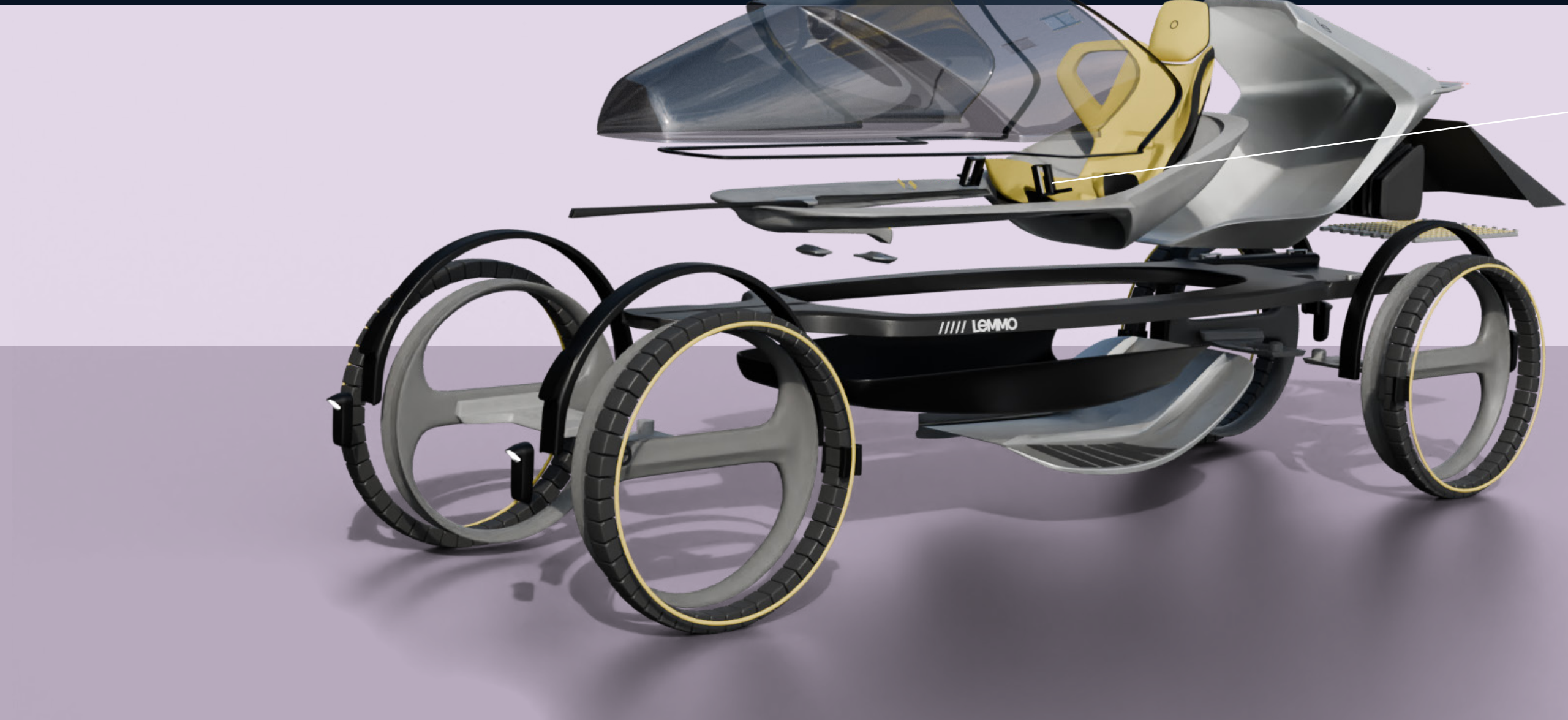


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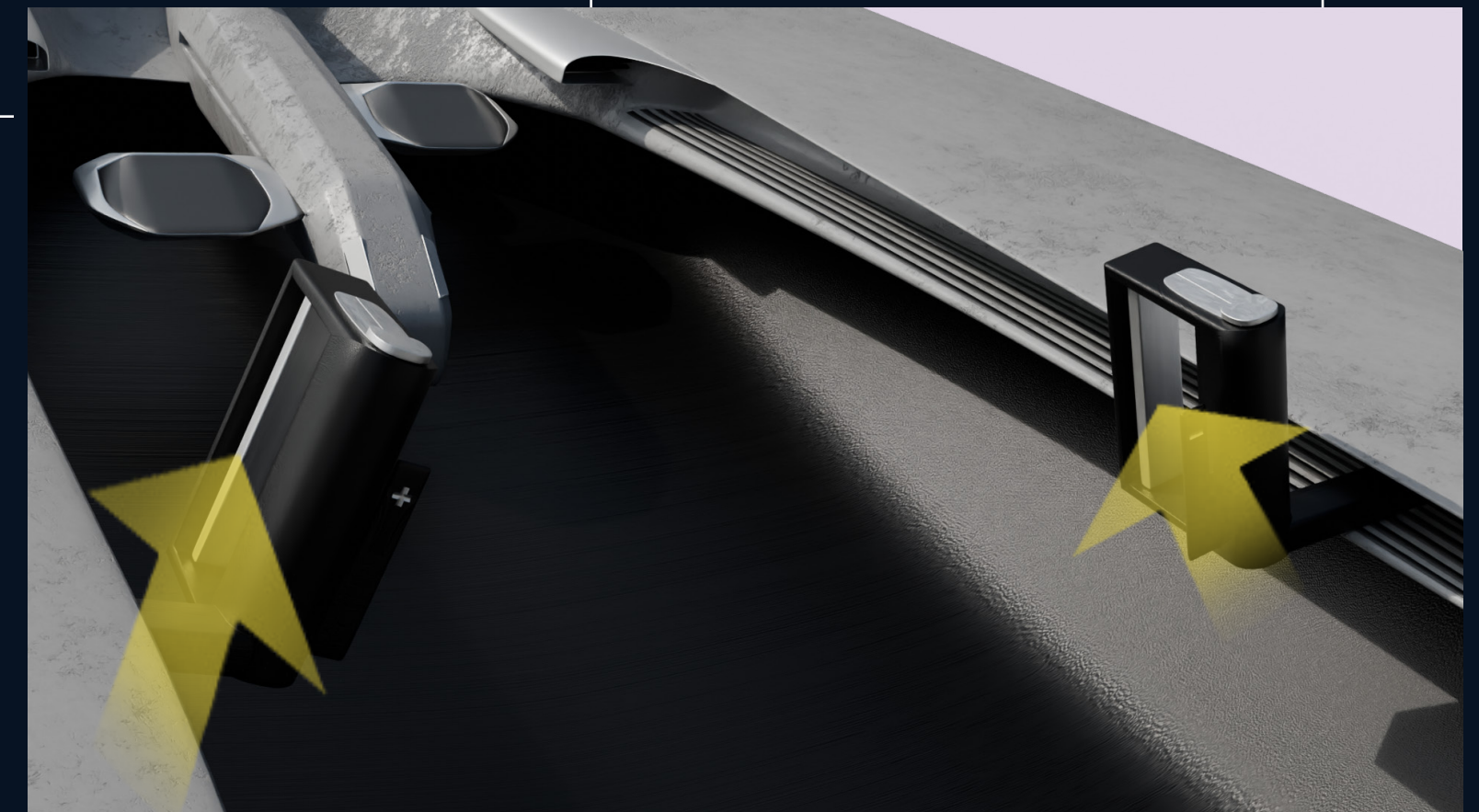
/// steering joysticks



/// left turn

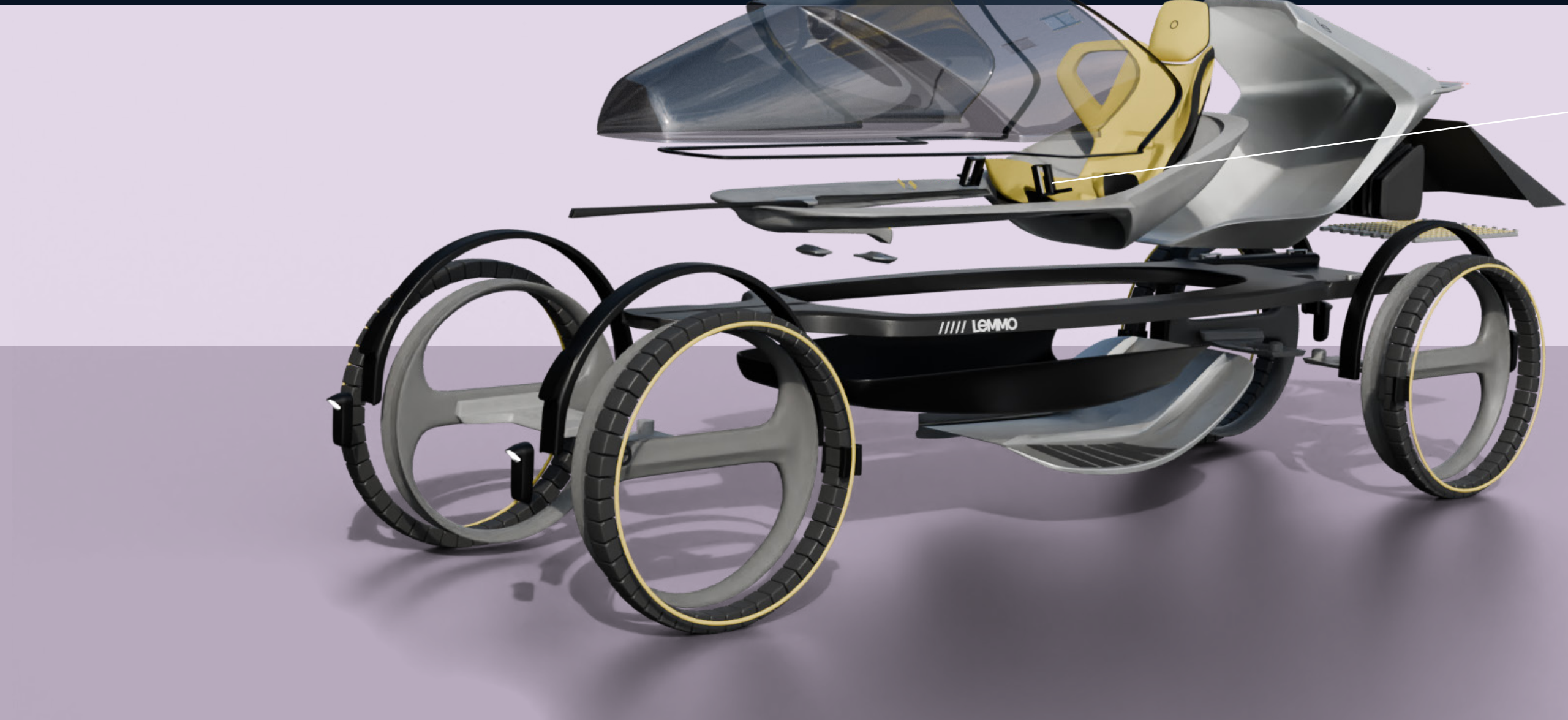


/// steering joysticks

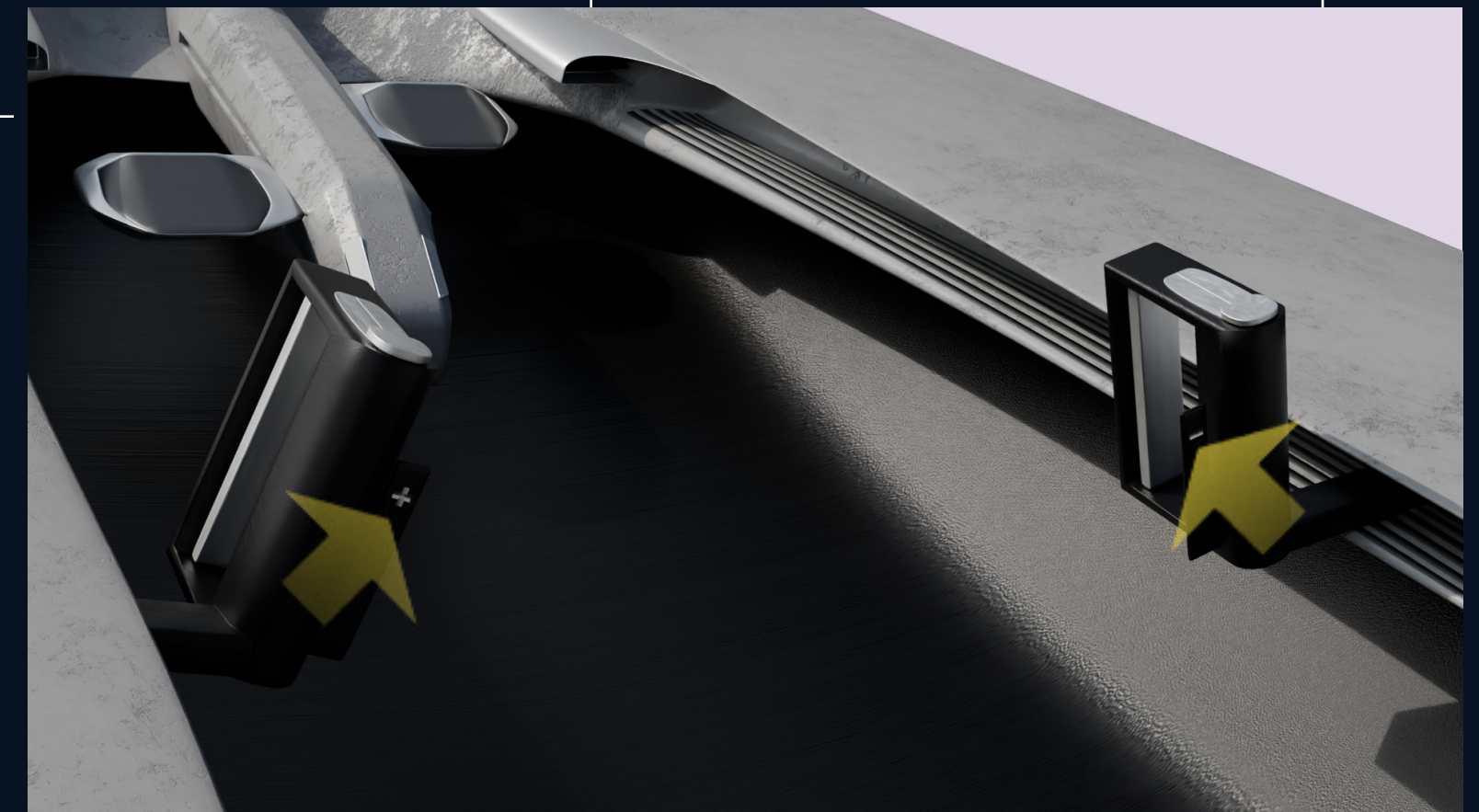


/// Press to brake

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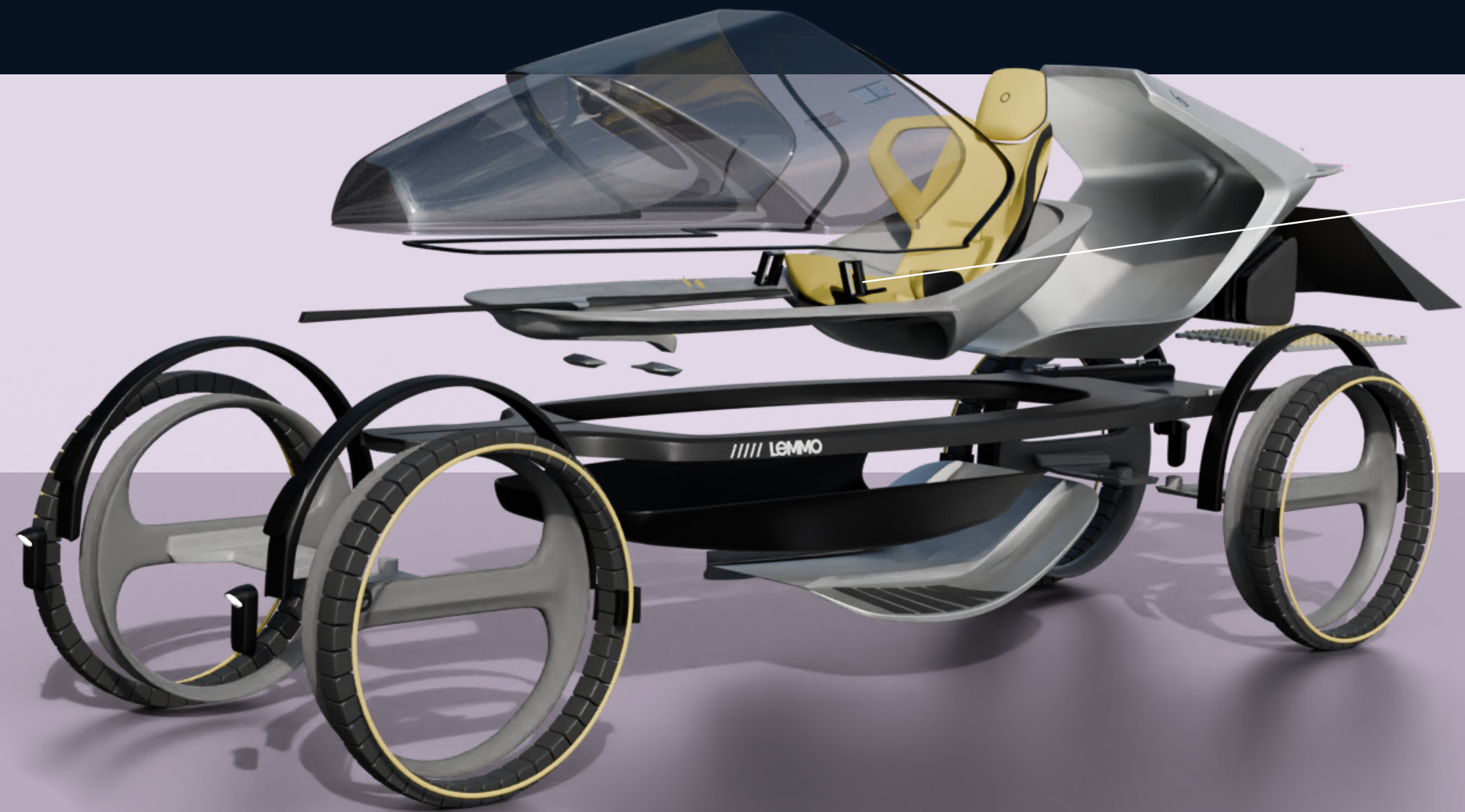


/// steering joysticks

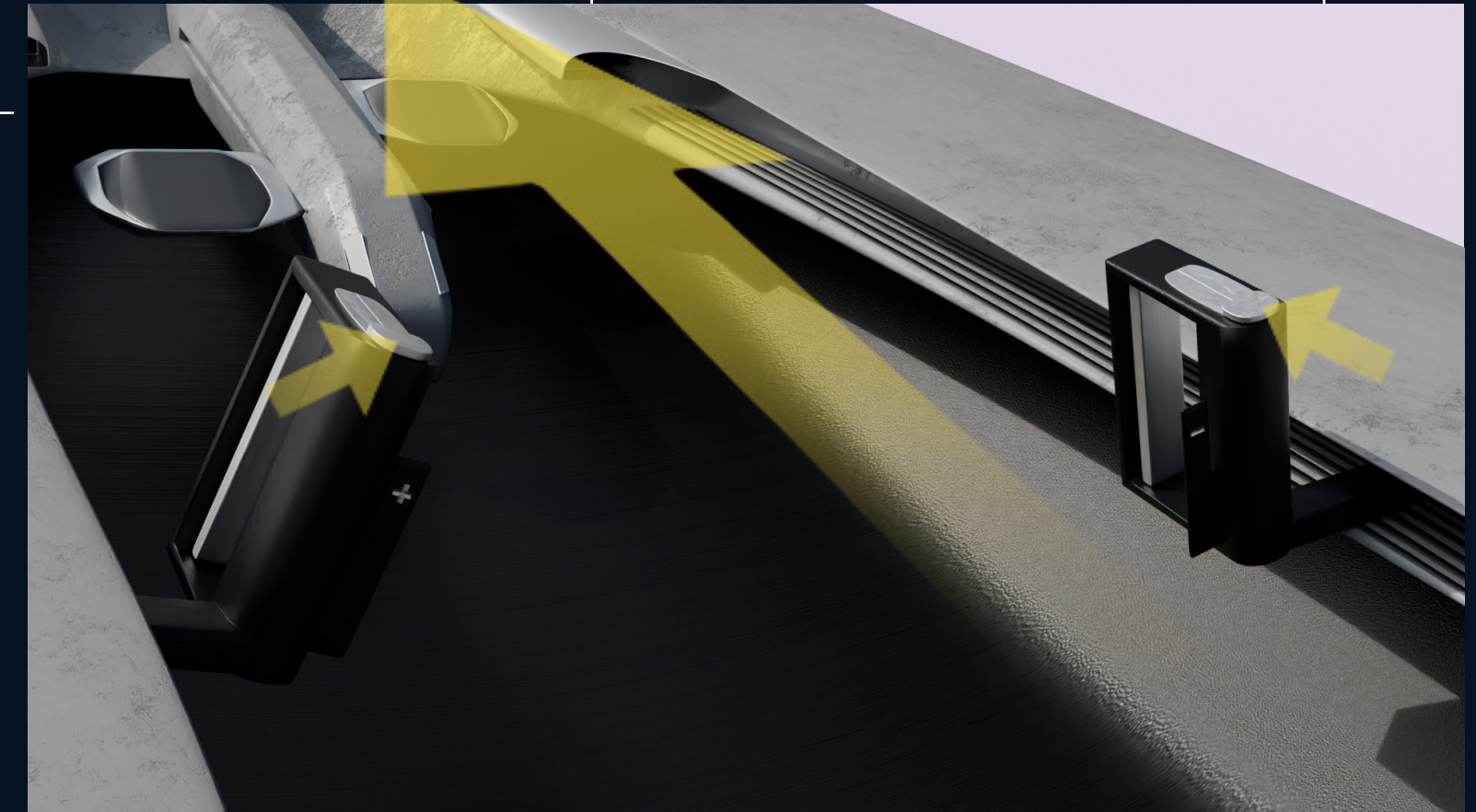


/// click to shift gears

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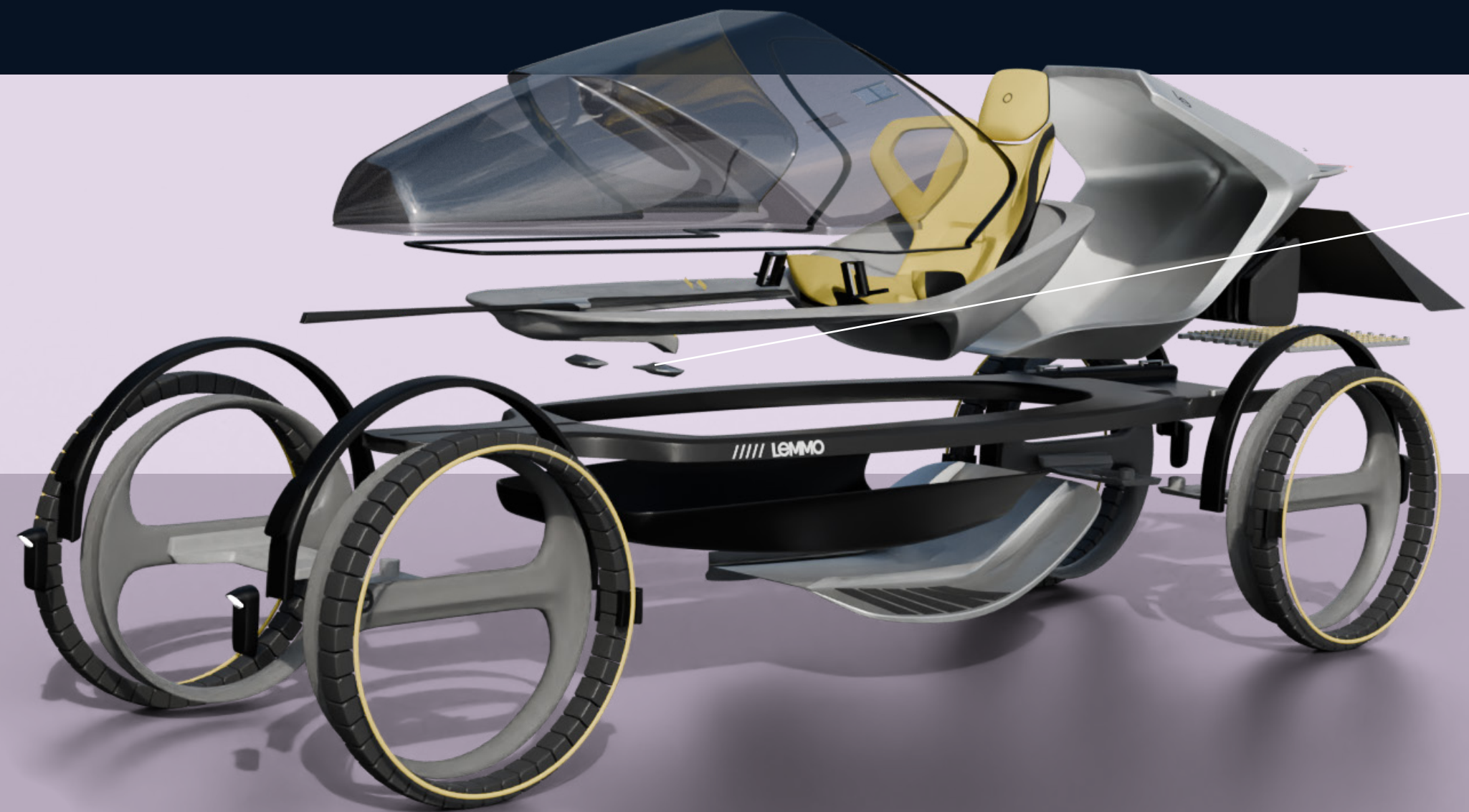


/// steering joysticks

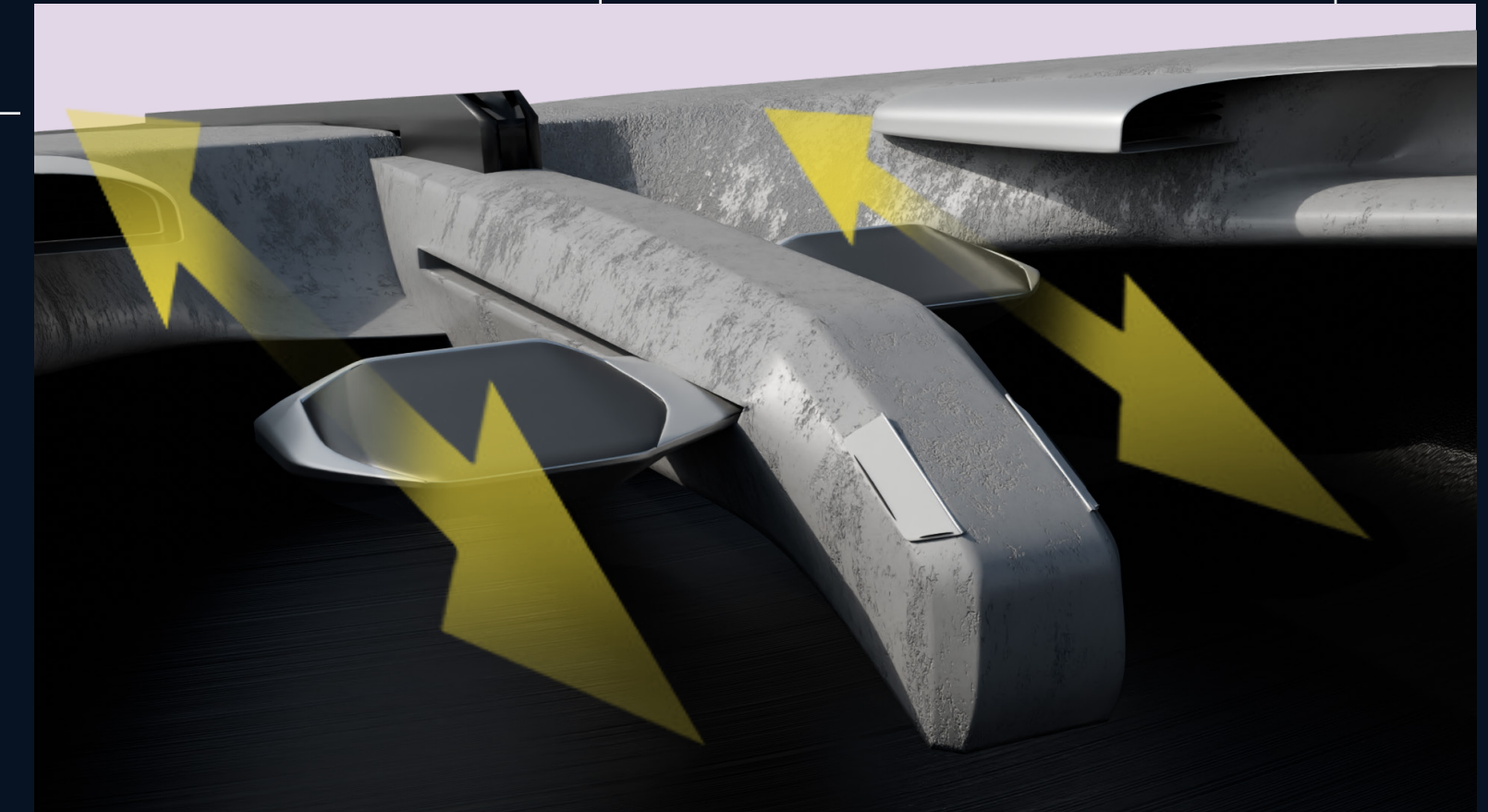


/// move the sliders to control the battery support

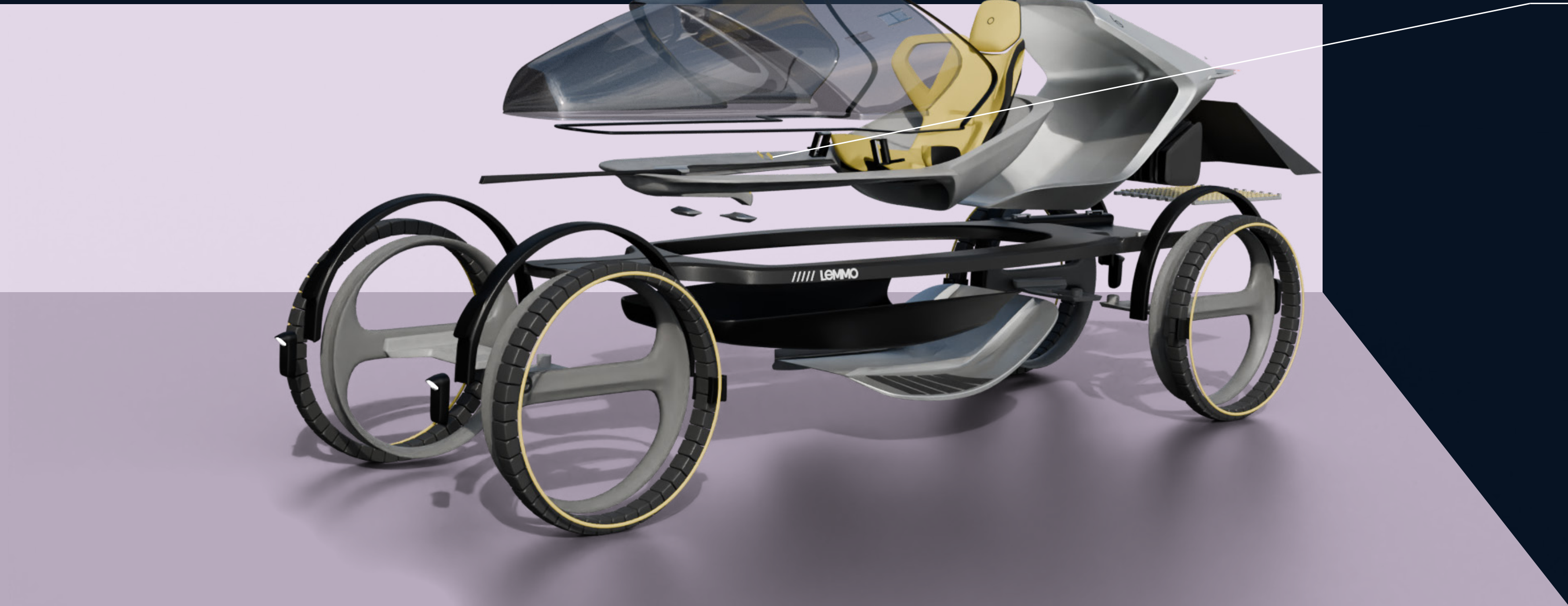
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/// pedalling

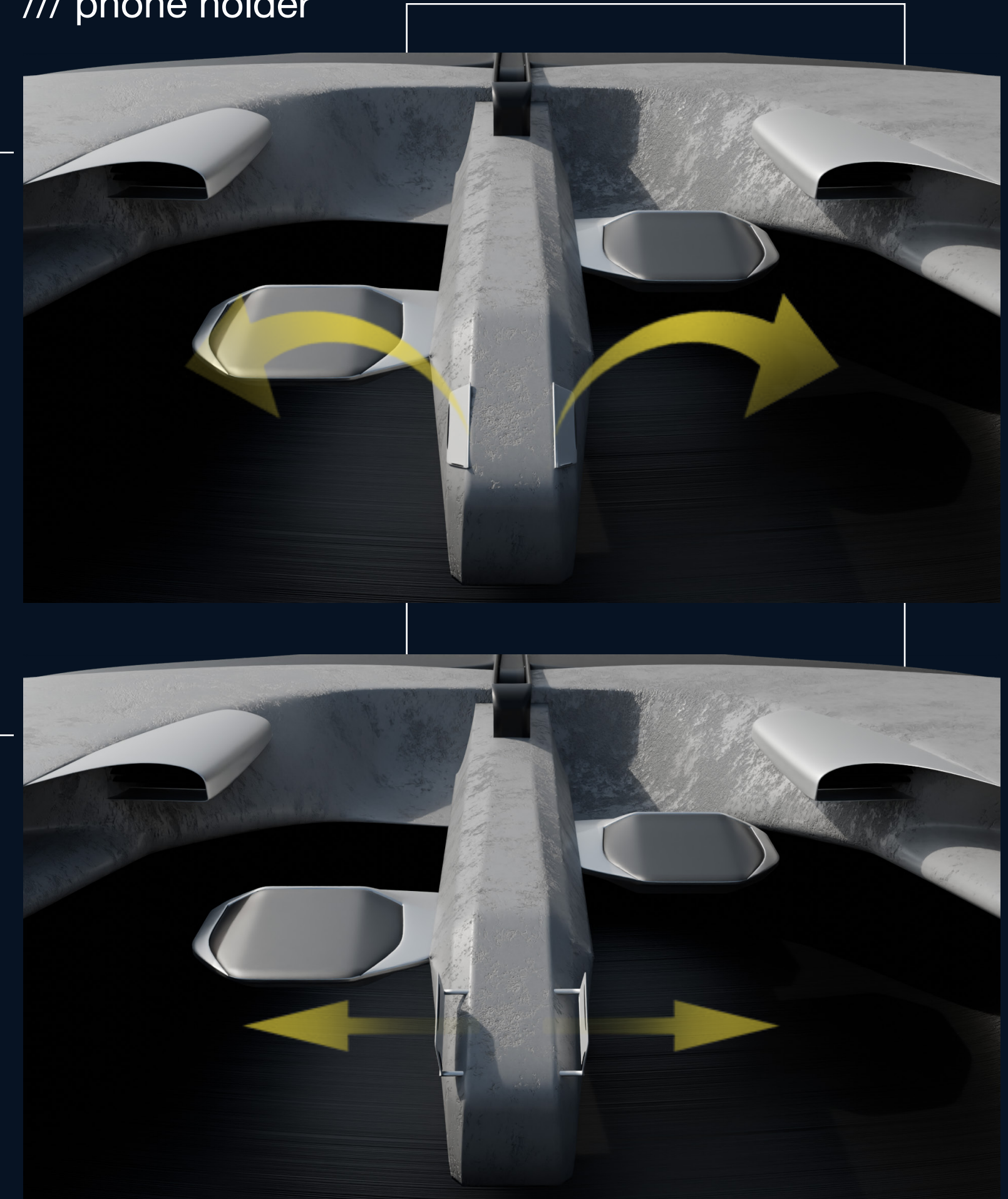


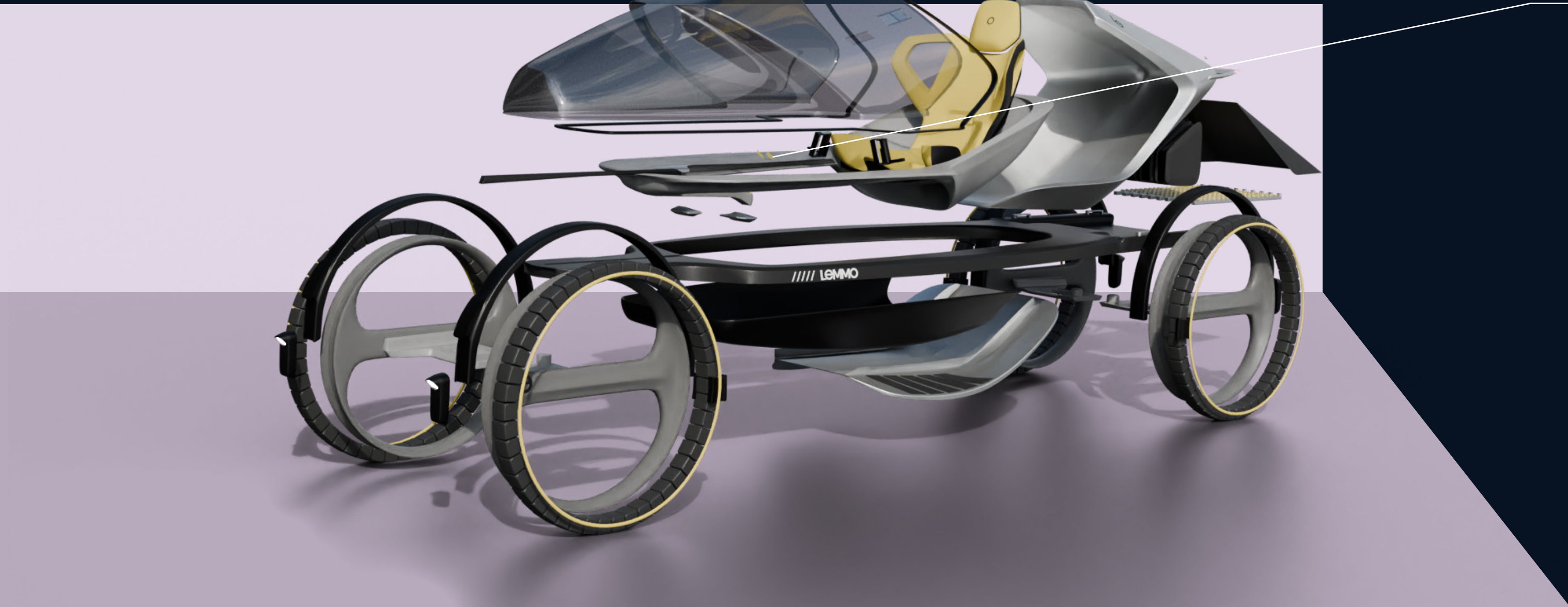
/// The pedalling system works in a similar way to steppers in the gym, i.e. you don't pedal in the typical circular shape, but on a linear rail system. This allows you to exert more force at the pedalling and saves space in the footwell.



/// To be able to navigate easily while driving, a mobile phone holder is built in, similar to the concept of Lemmo.
 If you don't need it, you can simply fold it away and it no longer gets in the way.

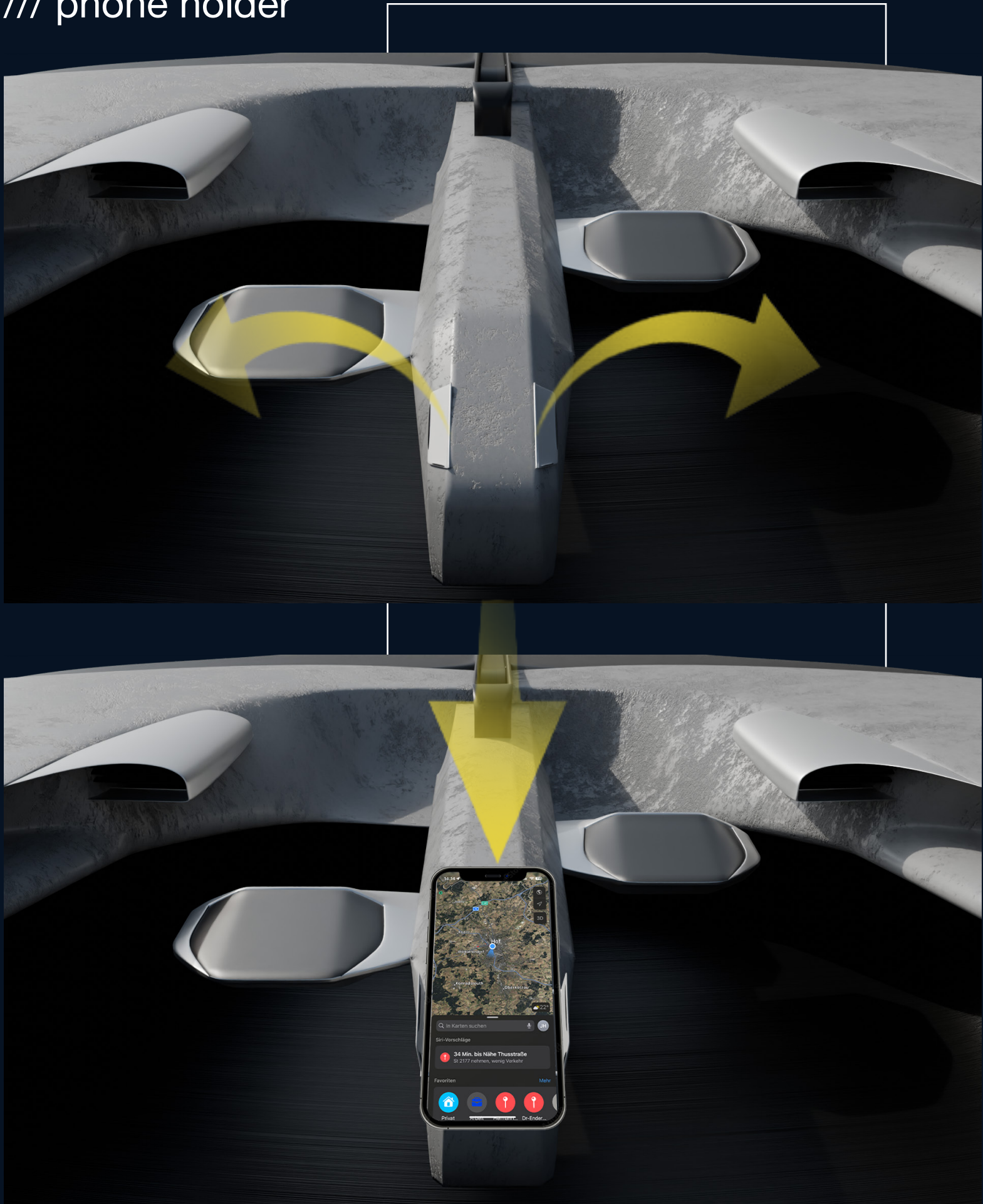
/// phone holder





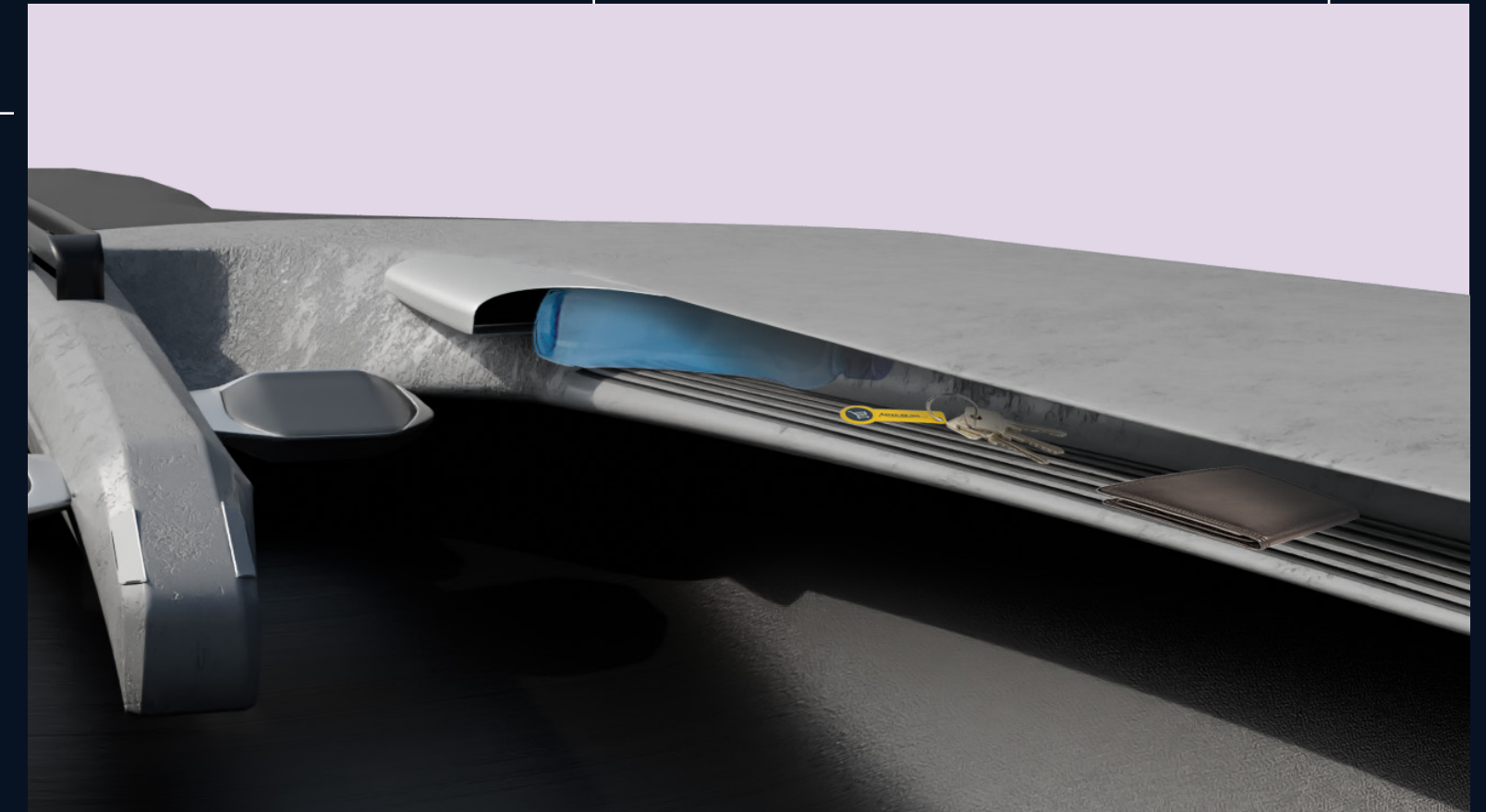
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/// phone holder





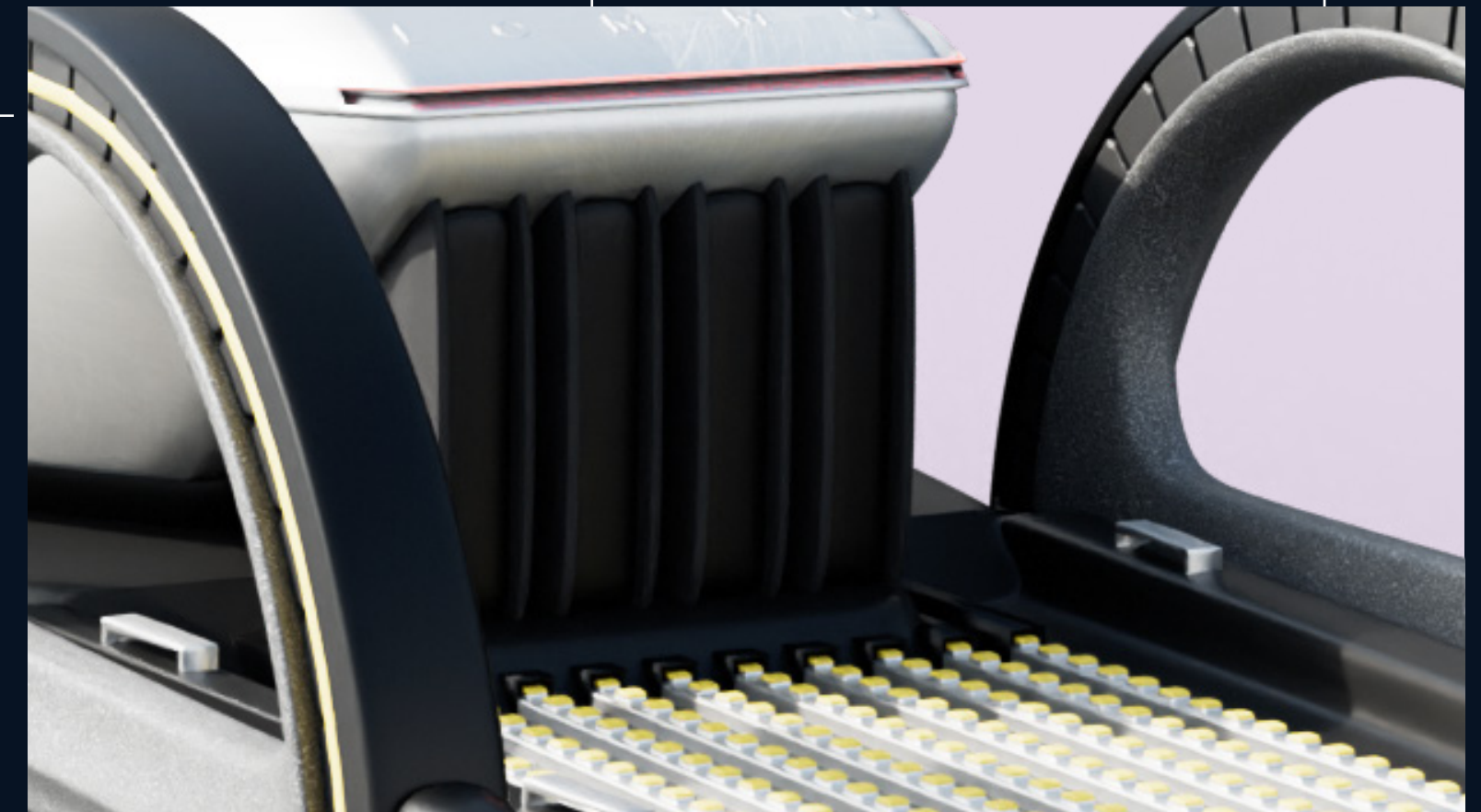
/// shelf space



/// In the interior, there are storage areas to the right and left of the driver. They are covered with non-slip material so that everything stays in place during the ride. So you can stow your house keys, wallet, water bottle or mobile phone.



/// 4-batthey-system

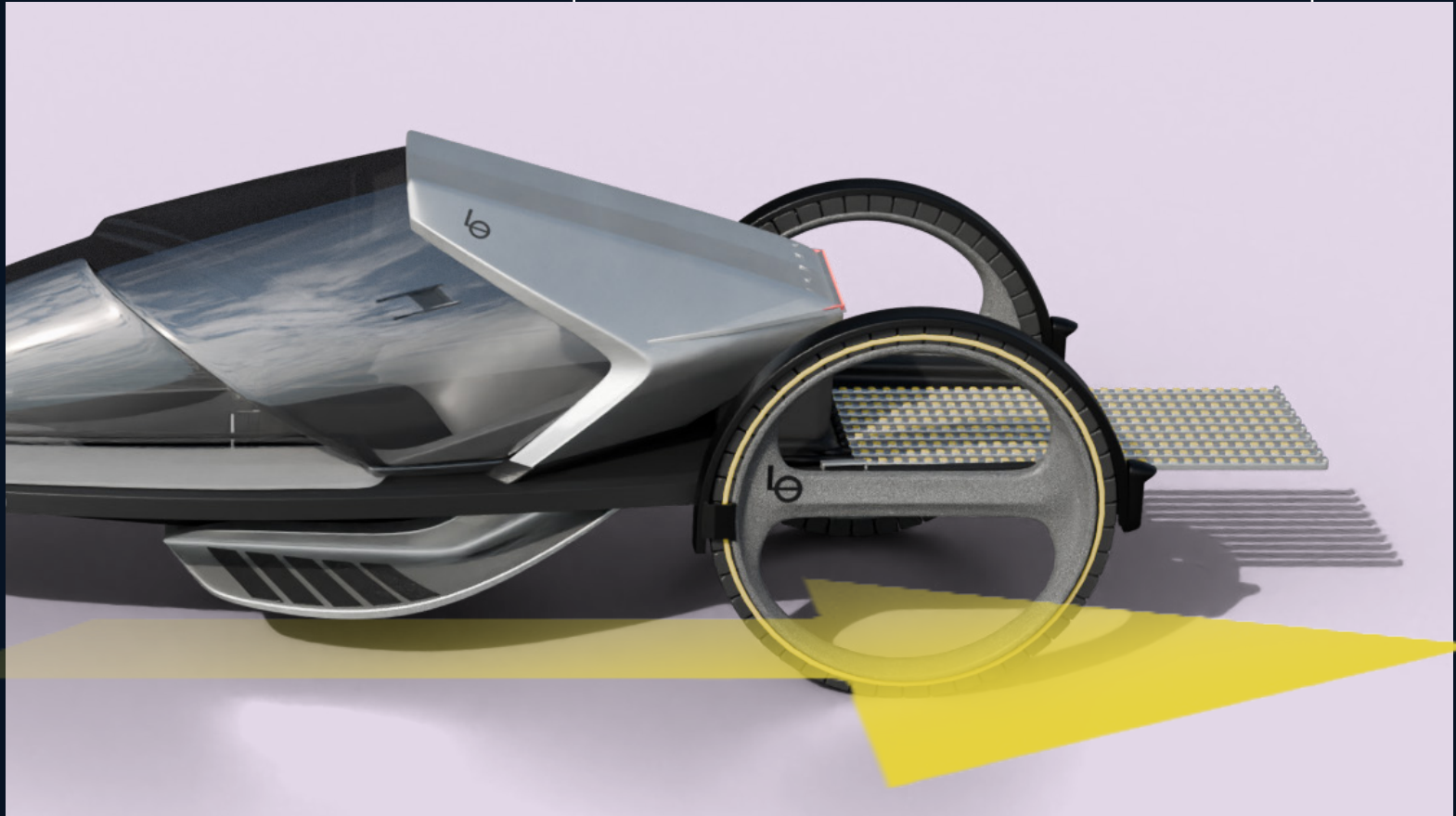
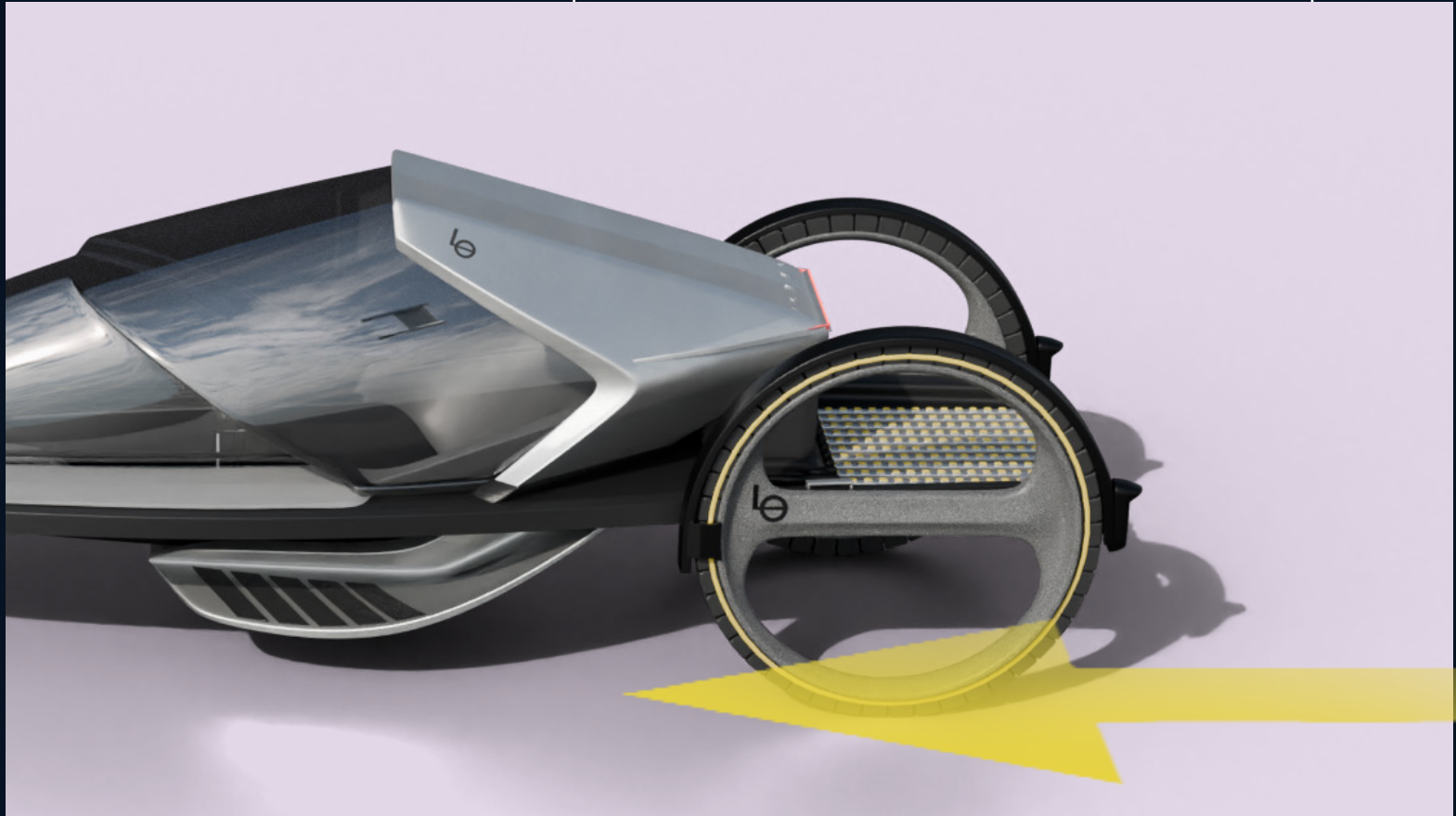


/// The batteries are exactly the same as Lemmo has already installed in their e-bikes. This has the advantage that there are already production variants and you save additional costs.
 To power the Lemmo Rocket, you need four of Lemmo's batteries. This gives you a battery capacity of 3600 Wh and a range of around 75 kilometres. Thanks to the click system, the batteries can also be removed and used as a power bank.



/// The pick-up area at the rear can be extended. This increases the loading area and allows you to take a lot of luggage and large suitcases with you on your journey. It makes large purchases easier and you still don't have to drive by car.

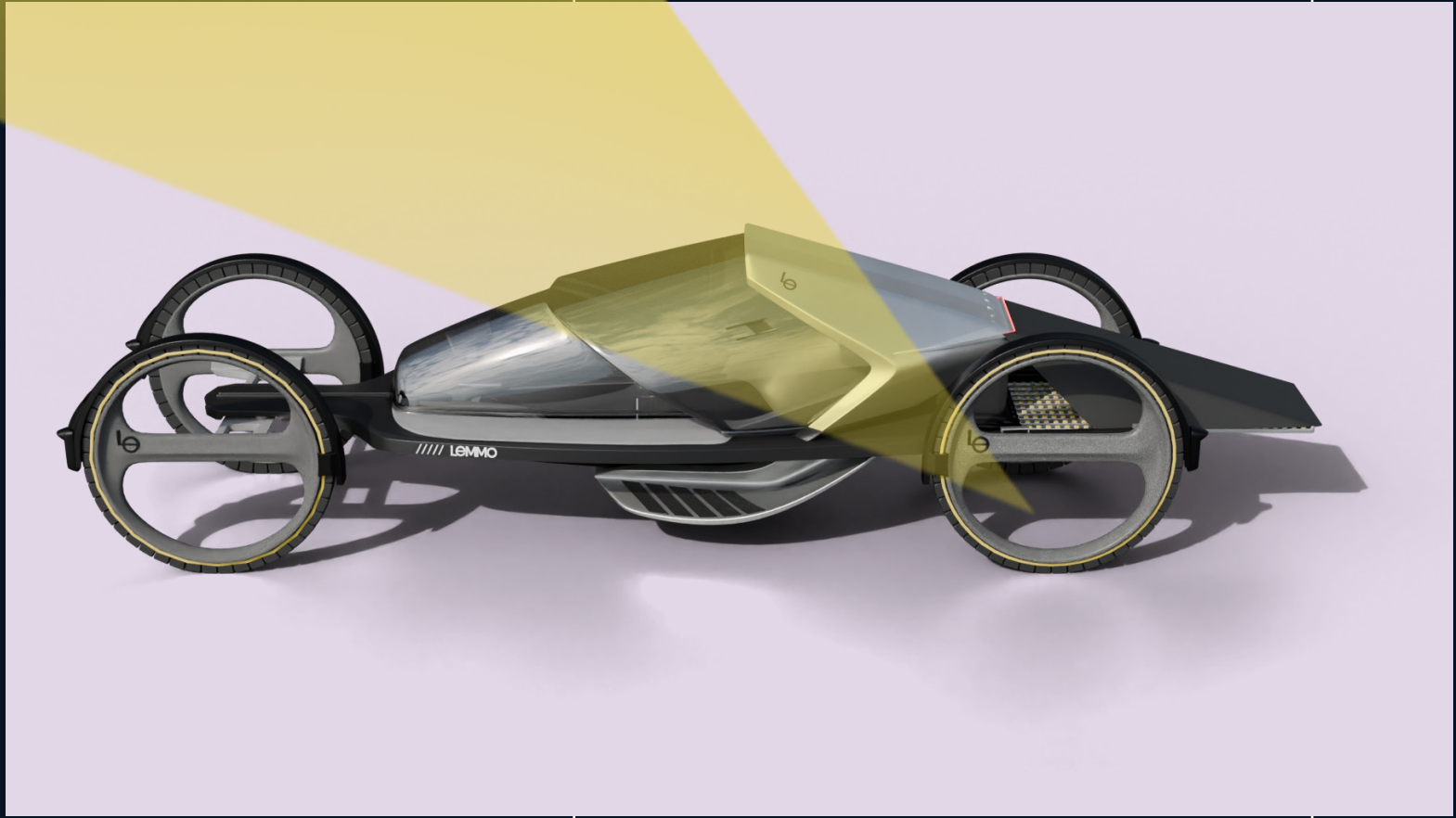
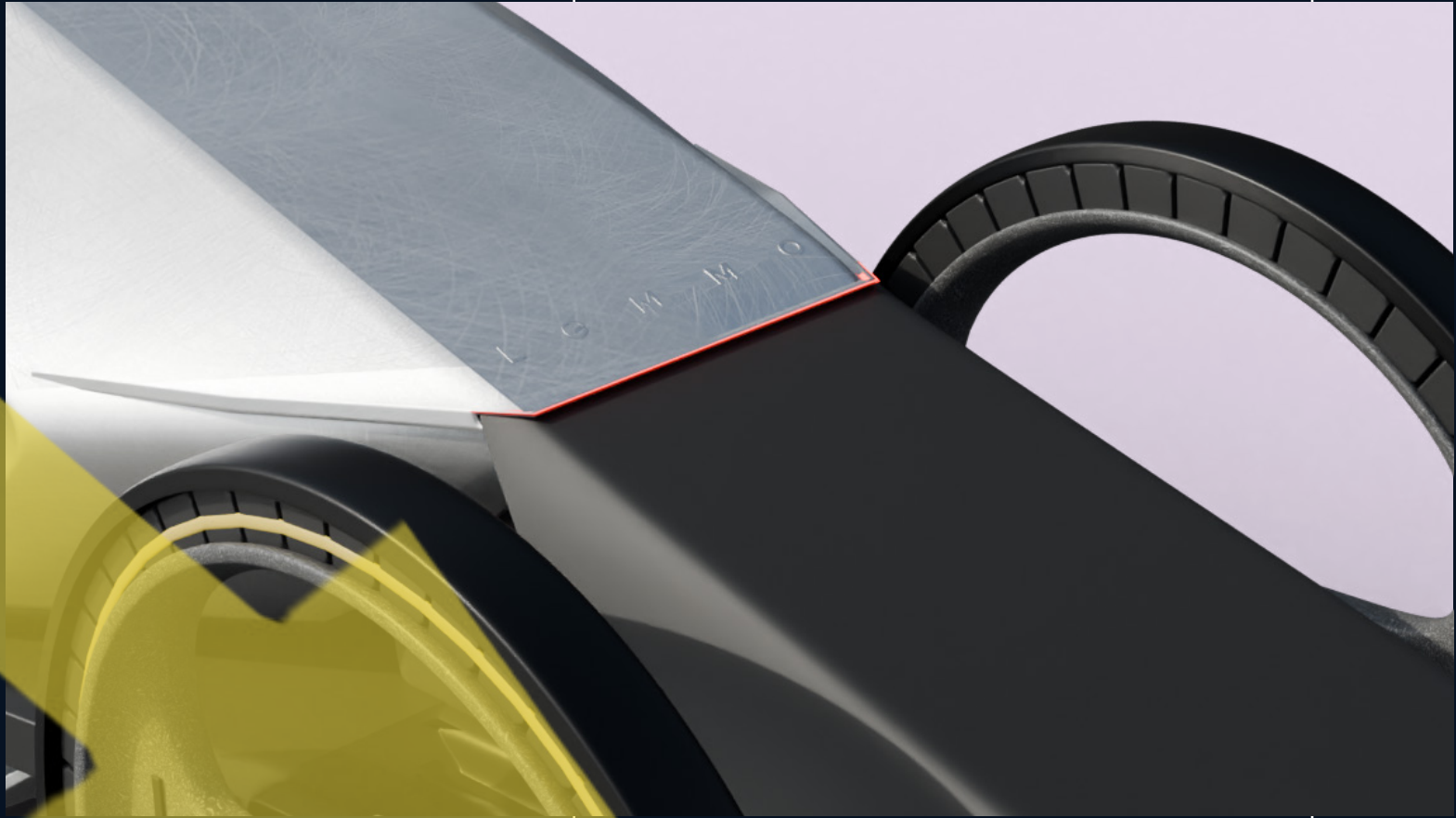
/// pick-up area





/// If it suddenly starts to rain, your shopping or luggage is safe on the Lemmo rocket. This is because a tarpaulin is integrated in the rear area, which can simply be pulled out and stretched over the loading area. So everything stays dry!

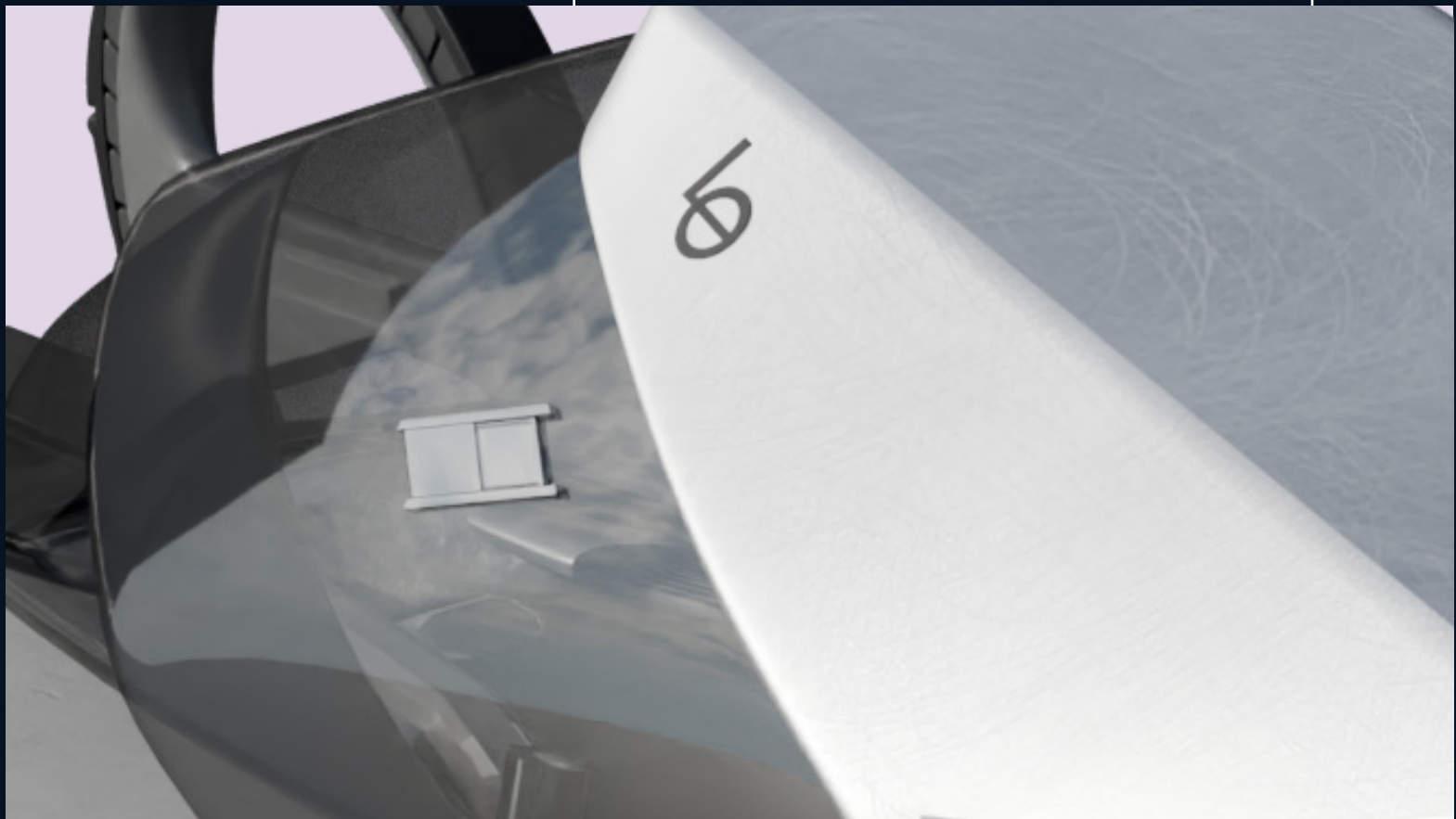
/// rain-cover-system

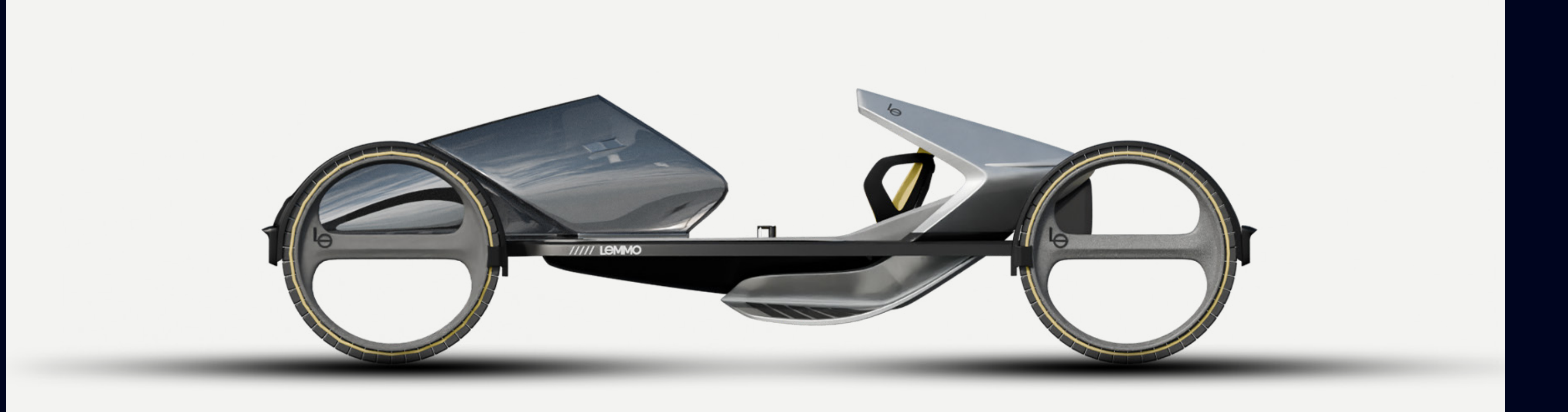
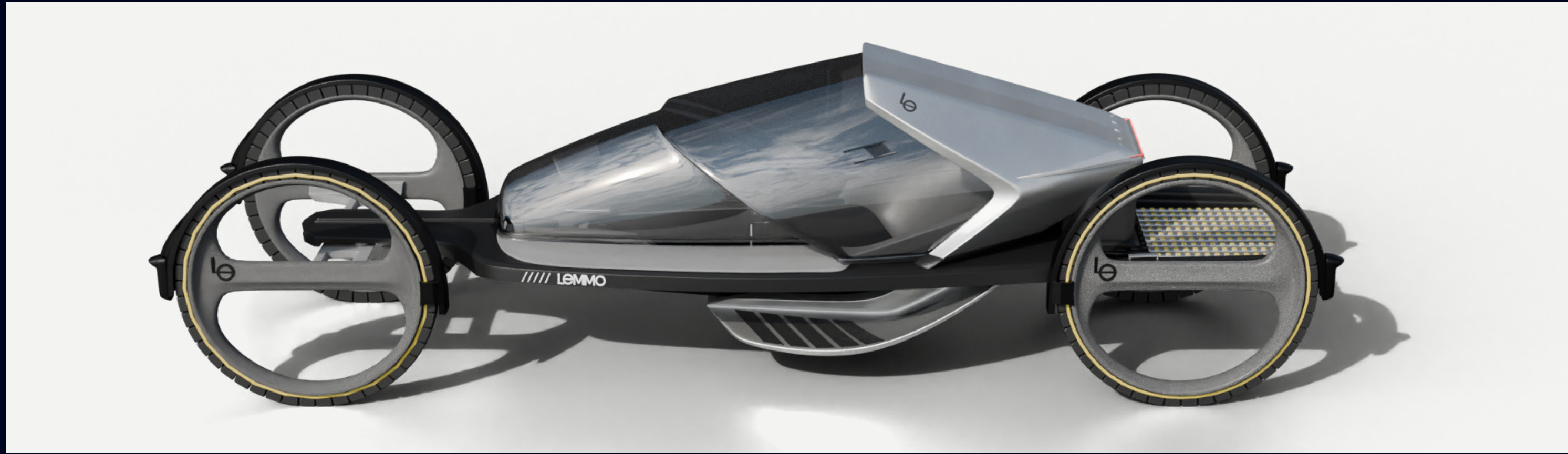




/// The lights on the Lemmo Rocket are just like those on a Lemmo bike. They can be removed and used as torches. A small window in the glass capsule makes it possible to communicate spontaneously with people standing outside or, if the weather is bad, you can still get some fresh air, just like in an aeroplane cockpit.

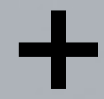
/// lights and window











danke

